



## PROGRAMME OF WORK

1 September 2009

International Dairy Federation  
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# CONTENTS

	Page
INTRODUCTION .....	3
<b>WORKING AREA OF DAIRY FARMING .....</b>	<b>4</b>
STANDING COMMITTEE ON ANIMAL HEALTH .....	4
STANDING COMMITTEE ON FARM MANAGEMENT .....	7
<b>WORKING AREA OF FOOD STANDARDS .....</b>	<b>10</b>
STANDING COMMITTEE ON FOOD ADDITIVES .....	10
STANDING COMMITTEE ON FOOD LABELLING AND TERMINOLOGY .....	13
STANDING COMMITTEE ON STANDARDS OF IDENTITY .....	16
<b>WORKING AREA OF METHODS OF ANALYSIS AND SAMPLING .....</b>	<b>18</b>
STANDING COMMITTEE ON ANALYTICAL METHODS FOR ADDITIVES AND CONTAMINANTS .....	19
STANDING COMMITTEE ON ANALYTICAL METHODS FOR COMPOSITION .....	22
STANDING COMMITTEE ON ANALYTICAL METHODS FOR DAIRY MICROORGANISMS .....	27
STANDING COMMITTEE ON HARMONIZATION OF MICROBIOLOGICAL METHODS .....	29
STANDING COMMITTEE ON ANALYTICAL METHODS FOR PROCESSING AIDS AND INDICATORS .....	31
STANDING COMMITTEE ON STATISTICS AND AUTOMATION .....	34
<b>WORKING AREA OF NUTRITION .....</b>	<b>37</b>
STANDING COMMITTEE ON NUTRITION AND HEALTH .....	37
<b>WORKING AREA OF HYGIENE AND SAFETY .....</b>	<b>41</b>
STANDING COMMITTEE ON MICROBIOLOGICAL HYGIENE .....	41
STANDING COMMITTEE ON RESIDUES AND CHEMICAL CONTAMINANTS .....	44
TASK FORCE ON INVENTORY OF METHODS AND PROCEDURE TO MONITOR THE INTEGRITY OF SUPPLIER'S MILK .....	46
<b>WORKING AREA OF TECHNOLOGY AND ENVIRONMENT .....</b>	<b>47</b>
STANDING COMMITTEE ON DAIRY SCIENCE AND TECHNOLOGY .....	47
STANDING COMMITTEE ON ENVIRONMENT .....	51
<b>WORKING AREA OF ECONOMICS, MARKETING &amp; POLICIES .....</b>	<b>55</b>
STANDING COMMITTEE ON DAIRY POLICIES AND ECONOMICS .....	55
STANDING COMMITTEE ON MARKETING .....	57
<b>WORK ITEMS COMPLETED OR DELETED SINCE 1 SEPTEMBER 2008 .....</b>	<b>59</b>
<b>FUTURE IDF EVENTS .....</b>	<b>63</b>
<b>APPENDIX .....</b>	<b>63</b>
<b>ABBREVIATIONS OF INTERNATIONAL AND REGIONAL ORGANIZATIONS .....</b>	<b>64</b>
<b>IDF ABBREVIATIONS .....</b>	<b>64</b>
<b>ISO AND CEN ABBREVIATIONS .....</b>	<b>65</b>
<b>CURRENT ABBREVIATIONS .....</b>	<b>65</b>

## Introduction

**Recommendations to IDF Science and Programme Coordination Committee and IDF National Committees**

Membership of Standing Committees and Task Force: National Committees are invited to re-examine their nominations to Standing Committees and Task Force in the light of the Programme of Work that has now been up-dated.

**Note.** *Proposals for new work items to be added to the Programme of Work will be submitted to NCs throughout the year, for approval by correspondence as laid down in the IDF Rules of Order.*

**BACKGROUND INFORMATION**

This issue of the IDF Programme of Work has been drawn up by IDF Head Office on the basis of the decisions as reflected in the minutes of meetings and information available concerning the state of progress on every work item as of 1 September 2009. The IDF Programme of Work is subject to review on an on-going basis in order to check that each item is progressing as planned.

**STRUCTURE OF DOCUMENT**

For the convenience of the reader, this edition of the IDF Programme of Work lists all work items by Standing Committee/Task Force concerned in accordance with the existing areas of activity as defined by the IDF Science and Programme Coordination Committee (SPCC).

**Work programme**

For each Standing Committee and Task Force every work item is listed, with basic information on why the work is being undertaken, who is responsible, what is expected, when, how it will be approved as well as current status and action. Whenever appropriate, Action Teams are identified and the Action Team leader and members are named.

**Work items under consideration**

Proposals for new work items are usually discussed by Standing Committees before put forward to the SPCC for evaluation and subsequently to NCs for approval prior to addition to the Programme of Work. Such items are included as "Work items under consideration".

[Go to Table of Contents](#)

## WORKING AREA OF DAIRY FARMING

### ***Standing Committee on Animal Health***

**Chair** Henk Hogeveen (NL), since 11 November 2008  
**Deputy Chair** Kerstin Plym Forshell (NO), since 11 November 2008

#### **OBJECTIVES**

The objective of the Standing Committee of Animal Health (SCAH) is to inform the dairy sector about new developments in the field of animal health and animal welfare and their implications on prevention of diseases considering also aspects relating to farm economics, food safety, human health and dairy technology.

1. Consideration and assessment of the effects of cattle diseases on animal welfare and vice-versa, public perception of milk production, costs of production and safety, quality and suitability of milk for human consumption.
2. Maintaining relations and cooperation with intergovernmental bodies, like FAO and OIE, and non-governmental bodies, like IFAH or EAAP, on behalf of the dairy sector in the field of animal health.
3. Maintaining contact with other IDF bodies as appropriate, supporting their work with regard to animal health and in particular in the context of achieving an integrated food chain management approach throughout IDF activities.

#### **PRIORITY ITEMS FOR 2009/2010**

- ***SCAH expert input to IDF contribution to Codex Task Force on Antimicrobial Resistance***
- ***5<sup>th</sup> IDF Mastitis Conference, Christchurch (NZ), 21-24 March 2010***
- ***IDF monitoring and input to OIE Animal Welfare Working Group***
- ***IDF Animal Health Newsletter No. 4***
- ***Identification of communication opportunities and preparation of fact sheets on animal health for publication on the IDF homepage.***

#### **WORK PROGRAMME**

##### HORIZONTAL ITEMS

<b>PRIORITY Work item</b>	<b><i>SCAH expert input to IDF contribution to Codex Task Force on Antimicrobial Resistance (TFMAR)</i></b>
<b>Purpose/explanation</b>	To provide input to the establishment of IDF positions in the field of risk assessment, risk management and risk profiling and to advise the IDF delegation to Codex TFAMR in consultation with the SCRCC.
<b>Responsible</b>	R Condron (AU) - Project Group leader, L Kulkas (FI) and M Sanaa (FR°)
<b>Expected final result</b>	IDF position to Codex
<b>Target date</b>	Depending on the Codex progress
<b>Approval category</b>	(a) - IDF National Committees
<b>Current activities and next targets</b>	IDF is focusing on items in relation to risk management, IDF is preparing for making an active contribution to the up-coming meeting of Codex TFAMR in October 2009
<b>PRIORITY Work item</b>	<b><i>IDF Animal Health Newsletter</i></b>
<b>Purpose/explanation</b>	To cover on-going animal health issues around the world, current IDF work, summary of finished work items, summary of PhD dissertations etc.
<b>Responsible</b>	H Hogeveen (NL)– Project Group leader, E Berry (GB), Y Persson (SE), J Seifert & M Tucci (IDF)
<b>Expected final result</b>	Regular issues of IDF Animal Health Newsletter
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) - IDF Standing Committee on Animal Health
<b>Current activities and next targets</b>	The first edition was issued in October 2007 during the IDF WDS Dublin in September 2007 and a second edition appeared prior to IDF WDS Mexico in November 2008. The work on a third edition to be issued at IDF WDS Berlin has been finalized. The next edition is foreseen to be published in the second half of the year 2010.

ACTION TEAM ON MASTITIS

<b>PRIORITY Work item</b>	<b><i>IDF 5<sup>th</sup> International Mastitis Conference 2010</i></b>
<b>Purpose/explanation</b>	Programme Committee to provide the programme of the IDF 5 <sup>th</sup> International Mastitis Conference
<b>Responsible</b>	G Verkerk (NZ) – Project Group Leader, M Bryan (NZ), JE Hillerton (NZ), J Hogan (US), H Hogeveen (NL), A Joe (NZ), R Laven (NZ), S Mc Dougall (NZ), A Zecconi (IT)
<b>Expected final result</b>	Complete Programme of the IDF 5 <sup>th</sup> International Mastitis Conference with subsequent publication of proceedings
<b>Target date</b>	21-24 March 2010 (for the event)
<b>Approval category</b>	(b) Science and Programme Coordination Committee
<b>Current activities and next targets</b>	The final programme is available from <a href="http://www.idfmastitis2010.com/">http://www.idfmastitis2010.com/</a> .
<b>Work item</b>	<b><i>Antimicrobial Resistance in Mastitis Pathogens</i></b>
<b>Purpose/explanation</b>	To monitor and report on new research results in order to identify any potential issue of concern to the dairy sector and to react in a coordinated manner as appropriate, and to ensure that the use patterns is correct and that there are not new organisms detected that may cause concerns regarding the dairy sector
<b>Responsible</b>	J Hogan (US) and A Zecconi (IT) – Project Group leaders, S Dabirian (IR), H Dornom (AU), W Schaeren (CH).
<b>Expected final result</b>	Document on the available scientific data on antimicrobial resistance in mastitis pathogens / article(s) in the IDF Animal Health Newsletter
<b>Target date</b>	Continuous
<b>Approval category</b>	(a) - IDF National Committees
<b>Current activities and next targets</b>	A report was provided to the SCAH meeting in March 2009. There has been no new information in terms of increasing antimicrobial resistance in mastitis pathogens for some time. A draft report will be provided for SCAH reviews and endorsement prior to forthcoming publication.
<b>Work item</b>	<b><i>Interpretation of Mastitis Terminology - Revision of IDF Bulletin No. 338/1999</i></b>
<b>Purpose/explanation</b>	To review and update the IDF Bulletin No. 338/1999
<b>Responsible TBC</b>	E Hopkin (hon. member of IDF)– Project Group leader, C Burvenich (BE), S Dabirian (IR), J Hamann (DE), JS Hogan (US), YS Joo (FR), D Scholl (CA), L Sølverød (NO), GV Turner (ZA), AC Whist (NO), A Zecconi (IT).
<b>Expected final result</b>	Revised IDF bulletin
<b>Target date</b>	December 2009
<b>Approval category</b>	(a) - IDF National Committees
<b>Current activities and next targets</b>	IDF National Committees have been consulted on the draft revised publication as proposed by the Project Group. Comments will be taken into account in the preparation of a revised draft final version that will be subject to SCAH approval in due course. In the course of expert deliberations, it has been proposed to SCAH to consider elaboration of a new work proposal on the subject of Worldwide Use of Somatic Cell Count to be debated at its forthcoming meeting in Berlin in September 2009.

ACTION TEAM ON INFECTIOUS DISEASES

<b>Work item</b>	<b><i>Monitoring of developments with regard to Bovine Spongiform Encephalopathy (BSE)</i></b>
<b>Purpose/explanation</b>	Monitor new developments and regulatory matters on Transmissible Spongiform Encephalopathies (TSEs) and in particular Bovine Spongiform Encephalopathy (BSE), follow-up international events on the subjects as well as on-going research work, report to the Standing Committee on Animal Health.
<b>Responsible</b>	W Heeschen (DE)
<b>Expected final result</b>	Continuous monitoring and reporting to the SC on Animal Health
<b>Target date</b>	Continuous– depending on international developments
<b>Approval category</b>	(c) - IDF Standing Committee on Animal Health
<b>Current activities and next targets</b>	The last meeting of March 2009 reconfirmed the present status / scientific knowledge of there not being scientific evidence for the possibility of transmission of BSE from animals to humans via milk.

<b>Work item</b>	<b><i>Progress in national programmes for surveillance and control of Johne's disease/Paratuberculosis Forum</i></b>
<b>Purpose/explanation</b>	IDF monitors programs for the control of paratuberculosis and helps to facilitate international communications and collaboration leading to early harmonization of paratuberculosis programs. This will assist the dairy sector by facilitating trade of animals and germ plasma. Also, with the evolving animal health certification plan, harmonized rules for paratuberculosis diagnosis and herd certification may one day facilitate international trade of dairy products
<b>Responsible</b>	R Condron (AU), and K Aagaard (DK), Project Group leaders.
<b>Expected final result</b>	Continuous monitoring and reporting to the SC on Animal health
<b>Target date</b>	Continuous – depending on international developments
<b>Approval category</b>	(c) - IDF Standing Committee on Animal Health
<b>Current activities and next targets</b>	The work of IDF is intertwined with the International Paratuberculosis Forum. The aim of the ParaTB Forum is to create a synergy effect among national /regional control programs on paratuberculosis. The objective should be fulfilled through the establishment and maintenance of a forum (The ParaTB Forum) in which exchange of experiences with control of paratuberculosis in other regions / states / countries can take place. The first forum on ParaTB was held in October 2006 in Shanghai, China, prior to the IDF World Dairy Congress with subsequent IDF publication of proceedings in the IDF Bulletin 410/2007. It is planned that the proceedings of the second ParaTB Forum held in St. Paul - Minneapolis, Minnesota (USA), from 7 to 8 August 2009 will also be published by IDF in late 2009.

#### ACTION TEAM ON ANIMAL WELFARE

<b>PRIORITY Work item</b>	<b><i>Monitoring OIE Animal Welfare Working Group and establishing new IDF work with regard to animal welfare</i></b>
<b>Purpose/explanation</b>	Monitor developments at OIE and other international and regional organizations (such as EFSA), follow-up international events on the subjects as well as on-going research work, report to the Standing Committee on Animal Health, propose future IDF work based on the published IDF Guide to Animal Welfare in Dairy Production (2008)
<b>Responsible</b>	E Berry (GB), S Dabirian (IR), S Friedman (IL), JS Hogan (US), H Itabashi (JP), J Jonker (US), C McCrindle (ZA), L Mirabito (FR), B Peachey (AU), K Plym Forshell (NO), P Raundal (DK), A Shwimmer (IL), E Stassen (NL), A van Nuffel (BE), G Verkerk (NZ)
<b>Expected final result</b>	Continuous monitoring and reporting to the SC on Animal health
<b>Target date</b>	Continuous – depending on international developments
<b>Approval category</b>	(c) - IDF Standing Committee on Animal Health
<b>Current activities and next targets</b>	The IDF SCAH Action Team on Animal Welfare was created in May 2009 with the main objective to ensure adequate IDF coverage of forthcoming OIE standard setting work with regard to dairy cattle animal welfare and development of new IDF activities in the field. SCAH will consider a proposal for new work on Mastitis indicators in animal welfare and other ideas at its forthcoming meeting in Berlin in September 2009.

#### LIAISONS WITH OTHER IDF BODIES

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Farm Management	IDF Head Office
Microbiological Hygiene	IDF Head Office
Quality Assurance, Statistics of Analytical Data, Sampling (for somatic cell count)	IDF Head Office
Residues and Chemical Contaminants	IDF Head Office
<b>LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS</b>	
World Organisation for Animal Health (OIE)	E Erlacher-Vindel (OIE) / IDF Head Office
Food and Agriculture Organization of the United Nations (FAO)	K de Balogh (FAO) / IDF Head Office

[Go to Table of Contents](#)

<b>Standing Committee on Farm Management</b>
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**Chair** David Homer (GB) since 9 November 2008  
**Deputy Chair** Réjean Bouchard (CA) since 9 November 2008

**OBJECTIVES**

To address issues of international importance in the dairy sector and identify possibilities for adding value to dairy production systems; specifically to consider:

1. Aspects of animal reproduction influencing performance and health;
2. Aspects of milk production and farm management which impact the efficiency and ethics of production, labour conditions and farmers' returns;
3. Interpretation of new machine milking developments with introduction of required standards and testing procedures and work in cooperation with and provide support to ISO;
4. The influence of animal feeding on milk quality in different parts of the world;
5. Cooperation with international organizations in dairy-farm-management-related topics (FAO, OIE);
6. Maintaining contact with other Standing Committees, for example, Animal health, Dairy policies and economics, Environment, Microbiological hygiene and Residues and chemical contaminants on the implications of their findings in the context of farm management.

**PRIORITY ITEMS FOR 2009/2010**

- **Finalization of new structure, title, current objectives and priorities and five year plan of activities,**
- **Finalization of work on Iodine content in milk, milk products and cattle feeds and review of related farming practices,**
- **Initiation of new work on hygienic practices at farm level and payment systems for ex farm milk,**
- **Identification of communication opportunities and preparation of fact sheets on dairy farming for publication on the IDF homepage.**

**WORK PROGRAMME**HORIZONTAL ITEMSWork under consideration

Work item	<b>Survey on Payment systems for ex farm milk</b>
<b>Purpose/explanation</b>	To provide a resource of ideas for professionals working on quality payment by providing a summary of the systems in use in various countries (and parts of countries) which have been developed to respond to conditions (infrastructure, climate, milk use, demand, etc) The objective is not to provide recommendations for broad application.
<b>Responsible</b>	M Beauséjour (CA)
<b>Expected final result</b>	Publication in the Bulletin of IDF and/or IDF on-line database
<b>Target date</b>	To be determined (for next survey)
<b>Approval category</b>	(c) – IDF Standing Committee on Farm Management
<b>Current activities and next targets</b>	Discussion item for the next SCFM meeting in Berlin in September 2009

ACTION TEAM ON MILKING EQUIPMENT AND METHODS

Work item	<b>Machine milking - Evolution in automatic milking, milk quality, animal health, farm management</b>
<b>Purpose/explanation</b>	Provision of information to the dairy sector on further developments with automatic milking systems
<b>Responsible</b>	O Lind (SE), C.J.A.M. de Koning (NL), – Project Group leaders, J Baines (GB), H Hogeveen (NL), AH Ipema (NL), TT Mottram (GB), MD Rasmussen (DK), D Reinemann (US)
<b>Expected final result</b>	Article in the Bulletin of IDF
<b>Target date</b>	December 2009
<b>Approval category</b>	(c) - IDF Standing Committee on Farm Management

**Current activities and next targets** The project group has been reinstated, and four members volunteered to write chapters for this bulletin. A first draft has been circulated for comments amongst the expert team.

**Work item** ***Machine milking - Cluster removers: Test for determination of switch point and delay time***

**Purpose/explanation** Overview of existing equipment and procedures for testing cluster removers (ACR) and development of a reference laboratory test and separate procedures for field-tests. The objective of the work is to develop a simple method for assessing cluster remover performance.

**Responsible** C.J.A.M. de Koning (NL) - Project Group leader, H Idensjö (SE), E Manninen (FI), M D Rasmussen (DK), O Rønningen (NO)

**Expected final result** Article(s) in the Bulletin of IDF

**Target date** To be determined

**Approval category** (c) - IDF Standing Committee on Farm Management

**Current activities and next targets** The method of testing residual vacuum in the cluster at detachment was discussed at last meeting and the Project Group should look further into different methods.

**Work item** ***Milk flow characteristics and teat dimensions of various machine milked animals***

**Purpose/explanation** The intention is to include animals, other than high producing dairy breeds, such as Zebu cattle, water buffalo, reindeer, camels, horses, etc. It was noted that such work should be of interest to countries where dairying is in development and their involvement should sought.

**Responsible** D Reinemann (US) – Project Group leader, HC Larsen (DK), E Manninen (FI), F Sangiorgi (IT), B Schulze Wartenhorst (DE)

**Expected final result** Article for publication in the Bulletin of IDF

**Target date** December 2009

**Approval category** (c) – IDF Standing Committee on Farm Management

**Current activities and next targets** Progress is forthcoming with most recent completion of revision of ISO standards in the field.

**Work item** ***Milking-time tests methodology and interpretation of results***

**Purpose/explanation** Develop specifications for tests performed during milking to help harmonize milking-time test methods and their interpretation.

**Responsible** O Rønningen (NO) - Project Group leader, M Gyllenswärd (SE), E Harty (IE), H Idensjö (SE), E Manninen (FI) F Neijenhuis (NL), E O'Callaghan (IE), C O Paulrud (DK), M D Rasmussen (DK), D J. Reinemann, (US), H Shademani (IR).

**Expected final result** Article for publication in the Bulletin of IDF

**Target date** December 2009

**Approval category** (c) – IDF Standing Committee on Farm Management

**Current activities and next targets** To be requested from PG leaders.

**Work under consideration**

**Work item** ***Functional Requirements of the new ISO-standards***

**Purpose/explanation** Overview of existing equipment and procedures for testing cluster removers (ACR) and development of a reference laboratory test and separate procedures for field-tests. The objective of the work is to develop a simple method for assessing cluster remover performance.

**Responsible** Project Group leader to be determined, E Harty (IE), HC Larsen (DK) E Manninen (FI), D Reinemann (US) F Sangiorgi (IT)

**Expected final result** Document on Functional Requirements of the new ISO-standards

**Target date** To be determined

**Approval category** (c) - IDF Standing Committee on Farm Management

**Current activities and next targets** The Project Group will explore the possibility for starting the work after having an overview of what was included in the previous work and how much work will be involved in a new edition. The group will organize through email and determine a scope and timeline for the work.

ACTION TEAM ON DAIRY FARMING PRACTICES

<b>PRIORITY Work item</b>	<b><i>Review of the recommended range of iodine content in milk, milk products and cattle feeds and review of related farming practices</i></b>
<b>Purpose/explanation</b>	To elaborate recommendations to meet the need for guidelines to better control iodine both in feed for dairy cattle and in milk, based on a review of current iodine content in milk, milk products and cattle feeds The dairy sector by elaborating related farming practices will permit that dairy products meet existing regulatory limits and prevent further regulatory developments with the potential of becoming trade barriers
<b>Responsible</b>	K Jordan (IE) – Project Group leader, A Bach (ES), R Bouchard (CA), MR Garg (IN), J Zaugg (CH)
<b>Expected final result</b>	IDF recommendations on farming practices related to iodine (feeding, milking, milking hygiene taking into account nutritional and safety considerations for human consumption)
<b>Target date</b>	To be determined
<b>Approval category</b>	(c) - Standing Committee on Farm Management
<b>Current activities and next targets</b>	SCFM will review the outcome of IDF survey 0908/SCFM (data collection on Iodine Content of Milk) including conclusions and recommendations of the project Group on how to follow-up at its next meeting in Berlin in September 2009

**LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Animal health	IDF Head Office
Environment	IDF Head Office
Dairy policies and economics	IDF Head Office
Microbiological hygiene	IDF Head Office
Residues and chemical contaminants	IDF Head Office

**LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

ISO/TC23 Tractors and machinery for agriculture and forestry	O Lind (SE)
ICAR International Committee on Animal Recording	IDF Head Office
Food and Agriculture Organization of the United Nations (FAO)	T Bennett (FAO) / IDF Head Office
World Organisation for Animal Health (OIE)	IDF Head Office

[Go to Table of Contents](#)

## WORKING AREA OF FOOD STANDARDS

### Standing Committee on Food Additives

**Chair** Don Snyder (CA) since 8 November 2008  
**Deputy Chair** Allen R Saylor (US) since 8 November 2008

#### OBJECTIVES

- (i) representing member interests from an industry perspective on international food additive issues;
  - (ii) monitoring, reviewing, reporting and advising on regulation of the use of food and animal feed additives, processing aids, carriers, flavors and colors;
  - (iii) assisting Codex in adopting technically correct and feasible Codex standards, codes, and guidelines on food and animal feed additives, processing aids, carriers, flavors and colors, based upon international consensus;
  - (iv) collecting and presenting data on risk assessments of additives, processing aids, carriers, flavors and colors
1. To assist in developing consensus positions for the use of additives, including processing aids, carriers, flavors and colors through the monitoring and involvement in the activities of the Joint FAO/WHO Expert Committee on Food Additives (JECFA), the CCFA, the CCMMP and other relevant national and international organizations
  2. To represent member views in preparing IDF reports, statements, position papers, proposals, surveys, etc. including submission of technical advice to the CCFA, the JECFA, the CCMMP and other relevant Codex bodies, in consultation with other IDF Standing Committees as appropriate, in particular the Standing Committees on Standards of Identity, and Food Labelling and Terminology

In particular:

3. To provide advice and information to members, IDF SC and IDF Observers on the use of additives, additives provisions relating to milk and milk products, including processing aids, carriers, flavors and colors;
4. To review and endorse recommendations of the Standing Committees on Standards of Identity for technological justifications for additives intended for inclusion into Codex dairy standards;
5. To provide technical advice to Codex in the development of the General Standard for Food Additives;
6. To advocate members views and provide technical advice for the work of the CCMMP, CCFA and other relevant Codex bodies, when requested;
7. To monitor and provide input into the development of food additive provisions of the Codex organic food standards.
8. To monitor and provide input into the development of feed additives provisions of the Codex animal feeding standards.

The Standing Committee has, on behalf of IDF, the main responsibility for adequately monitoring the additive work of the JECFA, the CCFA and CCMMP in so far as it affects additives, processing aids, carriers, flavors and colors and for providing advice on any implications for the work of other IDF Standing Committees.

#### PRIORITY ITEMS FOR 2009-2010

- ***Strategies for Inclusion of Codex dairy standard food additives into the Appropriate GSFA Food Categories***
- ***Development of Comparison and Technological Accuracy Document of all food additives in all Codex dairy standards versus the most recent version of the GSFA***
- ***Additives in GSFA Dairy Product Categories including Expediting Finalization of GSFA***
- ***IPA and Finalization of Codex Guideline on Processing Aids***

#### WORK PROGRAMME

PRIORITY Work item	<b><i>Codex General Standard for Food Additives (GSFA) Transfer of Food Additives from Codex dairy standards (now located in GSFA Annex) to the GSFA</i></b>
<b>Purpose/explanation</b>	Identify and develop options on how to move the food additives in the Codex dairy standards into the GSFA Tables I, II and III from the annex. The work item includes identification of potential conflict between Codex General Standard for Food Additives (GSFA) and additive provisions in individual commodity standards for milk and milk products and the Food Categorization System of the Codex General Standard for Food Additives (GSFA)
<b>Responsible</b>	C Heggum (DK) - Action Team leader - N Delfaut (FR), P Fawcet (NZ), M Hickey (IE)

<b>Expected final result</b>	Establishment and revision of the Codex General Standard for Food Additives
<b>Target date</b>	2011 - Depending on progress in Codex
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	Update and revise IDF position paper
<b>PRIORITY Work item</b>	<b><i>IPA and Codex Guideline on Processing Aids</i></b>
<b>Purpose/explanation</b>	Identify technical issues and submit to the CCFA electronic Working Group on development of a guideline for Processing Aids, while supporting the continued development of the IPA.
<b>Responsible</b>	A Saylor (US) – Action Team leader, P Fawcet (NZ), K Johnston (NZ)
<b>Expected final result</b>	Report with recommendations to the Standing Committee on: CCFA documents and prepare possible draft IDF submission to CCFA
<b>Target date</b>	Depending on progress in Codex
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	IDF is part of the Codex electronic Working Group set to develop guidelines on the use of processing aids, addressing technological need, safe use, suitable controls, and the relationship between processing aids and food additives.
<b>PRIORITY Work item</b>	<b><i>Additives in Codex standards for milk and milk products</i></b>
<b>Purpose/explanation</b>	Review and endorsement of suggested additives including technological justifications provided from the SCFA and from IDF Standing Committees on Standards of Identity for Codex draft and current dairy standards.
<b>Responsible</b>	A Saylor (US) – AT leader, K Armitage (AU), C Blumer (CH), B Degeest (BE), P Fawcet (NZ), J Fernández (ES), I Gilles (FR), JC Gillis (FR), A Hayman (NZ), I Kandarakis (GR), JA Mateos (ES), T Mizobuchi (JP), J Romero (US), D Snyder (CA), L Thomas (GB)
<b>Expected final result</b>	Provide on a continuous basis advice/recommendations for CCFA and CCMMP related work in collaboration with to the Standing Committee on Standards of identity
<b>Target date</b>	Continuous
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	The CCFA advanced a number of new food additive additions, to the GSFA to step 8, adopted by the last CAC, holding some at step 3 and discontinuing or revoking others, including sweeteners in the plain fermented milk food category of the GSFA.
<b>PRIORITY Work item</b>	<b><i>Comparison and Technological Accuracy</i></b>
<b>Purpose/explanation</b>	To review all food additive sections of Codex dairy commodity standards for technical correctness and accuracy. This will include verifying INS numbers, appropriate levels of use, proper food additive function class categorization, and whether JECFA has conducted a review and established an ADI. Then compare this information with comparable food category food additives in the GSFA
<b>Responsible</b>	A Hayman (NZ) and N Delfaut (FR) –Action Team leaders, K Armitage (AU), P Fawcet (NZ), JC Gillis (FR), M Hickey (IE), K Johnston (NZ), E Komorowski (GB), D Lewis (US), D Snyder (CA).
<b>Expected final result</b>	IDF submissions to Codex, as needed
<b>Target date</b>	Continuous, depending on Codex progress
<b>Approval category</b>	(c) – Standing Committee on Food Additives
<b>Current activities and next targets</b>	The AT will review, make corrections as needed, update and finalize the comparison and technical accuracy document completed by Dr. Keith Johnston in order to make this information available to the CCFA Working Group, lead by Switzerland.
<b>Work item</b>	<b><i>Monitoring of JECFA – Priority List</i></b>
<b>Purpose/explanation</b>	To monitor and report activities, including communicating priorities on food additive review to the SCFA and make recommendations on food additives and priorities for JECFA review. Develop report to the SCFA on JECFA activities for every SCFA meeting. Information of on-going activities can be retrieved from the JECFA Internet website.
<b>Responsible</b>	D Lewis (US) – Action Team leader, S Sausville (US)
<b>Expected final result</b>	Provide on a continuous basis advice/recommendations to the SCFA
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – Standing Committee on Food Additives
<b>Current activities and next targets</b>	Provide report and recommendations at next SCFA meeting as well as update past SCFA position paper to reflect current JECFA activities.

<b>Work item</b>	<b><i>Inventory of National Food Additive Legislation</i></b>
<b>Purpose/explanation</b>	To develop an index of websites or published documents where national legislation, laws and regulations can be found on food additives.
<b>Responsible</b>	A R Sayler (US)
<b>Expected final result</b>	An index maintained by the SCFA to be used by members when researching food additive issues.
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – Standing Committee on Food Additives
<b>Current activities and next targets</b>	The IDF National Committees are invited to submit this information to add to information already submitted.

<b>Work item</b>	<b><i>Workshop on Food Additives</i></b>
<b>Purpose/explanation</b>	To provide an opportunity for experts to familiarize with current IDF activities regarding food additives, especially with Codex.
<b>Responsible</b>	D Snyder (CA), A Sayler (US)
<b>Expected final result</b>	Workshop on Food additives at the IDF WDS 2010
<b>Target date</b>	November 2010
<b>Approval category</b>	(c) – Standing Committee on Food Additives
<b>Current activities and next targets</b>	The title and main speaker have been communicated to the WDS organizers. The workshop will be held on Thursday 11 November 2010. The SCFA will develop the program further at their next meeting in Berlin.

#### **ESTABLISHED LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Food Labelling and Terminology	A Sayler (US)
Microbiological Hygiene	C Heggum (DK)
Residues and Chemical Contaminants	A Sayler (US)
Standards of Identity	M Hickey (IE)
Analytical Methods for Additives and Contaminants	IDF Head Office

#### **LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

Codex Committee on Food Additives (CCFA)  
 Joint FAO/WHO Expert Committee on Food Additives (JECFA)  
 Codex Committee on Milk and Milk Products (CCMMP)  
 Codex Committee on Food Labelling (CCFL)

[Go to Table of Contents](#)

<b>Standing Committee on Food Labelling and Terminology</b>
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**Chair** Eric Grande (FR) since 8 November 2008  
**Deputy Chair** Cary Frye (US) since 8 November 2008

**OBJECTIVES**

With the objects of

- (i) monitoring, reviewing, reporting and advising on labelling principles and options as well as on the correct use of dairy terms within the framework of the Codex General Standard for Use of Dairy Terms, and
- (ii) assisting Codex in adopting technically correct and feasible Codex texts based upon international consensus:

To consider:

1. Pursuing through the monitoring of the activities of the CCFL and the CCNFSDU and other relevant international organizations insofar as they affect the use of dairy terms and the labelling of dairy products and substitutes to dairy products;
2. Preparation of IDF reports, statements, position papers, proposals, etc. including submissions of technical or scientific advice to the CCFL and the CCNFSDU, in consultation with other relevant IDF Standing Committees as appropriate, in particular the Standing Committees on Standards of Identity, Nutrition and Health, and Marketing;

In particular,

3. To examine all types of labelling and terminology issues and requirements considered by Codex insofar as they affect milk and milk products and their substitutes, and make appropriate recommendations;
4. To consider the use and regulation of claims (including nutrition and health claims);
5. To provide technical or scientific advice for the work of the CCMMP, when requested;
6. To review and endorse recommendations of the Standing Committees on Standards of Identity for justifications for the labelling provisions intended for inclusion into Codex dairy standards, and to support them during the subsequent consideration in the CCFL.

The Standing Committee has, on behalf of IDF, the main responsibility for adequate monitoring the labelling related work of the CCFL and the CCNFSDU (and related matters discussed at and referred from CCNFSDU to CCFL) and for providing advice on any implications for the work of other IDF Standing Committees.

**PRIORITY ITEMS FOR 2009/2010**

- ***Coordination of Codex nutrition matters with the SCNH (Standing Committee on Nutrition and Health).***
- ***Codex Implementation of the WHO Global Strategy on Diet, Physical Activity and Health – food labeling issues***
- ***CCFL Discussion paper on modified standard common names***
- ***Labelling provisions in Codex Standards for Milk and Milk products***

**WORK PROGRAMME**

<b>PRIORITY Work item</b>	<b><i>Coordination of Codex Nutrition Matters (Joint SCNH/SCFLT Action Team - Division of lead by SCNH and SCFLT depending on topic of work)</i></b>
<b>Purpose/explanation</b>	Monitor scientific nutrition-related aspects of the CCNFSDU and CCFL and provide advice; prepare IDF input to Codex, if needed
<b>Responsible</b>	I Neiderer (CA) – Action Team leader, K Armitage (AU), P Ballester (ES), H Bishop MacDonald (CA), R Bouchard (CA), P Dekker (NL), C Frye (US), J-C Gillis (FR), E Grande (FR) C Heggum (DK), M Hickey (IE), GJ Hiddink (NL), E. Jacquier (CH), V Landells (AU), M Lugt (NL), S Marcoullier (US), J Rieke (DE), M Riley (AU), B Vandewaetere (BE), K Wettre Brønner (NO)
<b>Expected final result</b>	Depending on up-coming issues to provide advice to the Food Standards Steering Group and the Standing Committee on Food Labelling and Terminology, prepare IDF draft submissions to CCNFSDU and CCFL if needed
<b>Target date</b>	Continuous
<b>Approval category</b>	(a) – IDF National Committees (with regard to IDF submissions)
<b>Current activities and next targets</b>	The AT is preparing input to CCFL and CCNFSDU electronic working groups and to the next meetings of the CCFL and CCNFSDU.

<b>PRIORITY Work item</b>	<b><i>Codex implementation of the WHO Global Strategy on Diet, Physical Activity and Health – food labelling issues</i></b>
<b>Purpose/explanation</b>	Monitor the discussion in CCFL and prepare IDF input to Codex, if needed, with regard to: - Revision of the Guidelines on Nutrition Labelling concerning the list of nutrients that are always declared on a voluntary or mandatory basis and discussion of issues related to mandatory nutrition labelling. The work includes issues related to declaration of sodium or salt (Project Group 1); - Development of criteria/principles for legibility of nutrition labels (Project Group 2); - Labelling provisions dealing with the food ingredients identified in the WHO Global Strategy (Project Group 3).
<b>Responsible</b>	E Grande (FR) - Project Group 1 Leader C Frye (US) – Project Group 2 Leader J Bryans (GB) - Project Group 3 Leader
<b>Expected final result</b>	Preparation of IDF input to the Codex CCFL electronic working groups and plenary discussions
<b>Target date</b>	To be determined – depending on progress in Codex
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	CCFL set up several electronic working groups with regard to the action plan for the implementation of the WHO Global Strategy on Diet, Physical Activity and Health. CCNFSDU will be consulted on issues dealt with in the following electronic Working Groups (eWGs):  - EWG to examine the list of nutrients that are always declared on a mandatory or voluntary basis when a nutrition declaration or claim is made as input to the proposed revision of section 3.2 ‘Listing of Nutrients’ of the <i>Codex Guidelines on Nutrition Labelling</i> . - This eWG also prepared a discussion paper outlining the issues and concerns raised on mandatory nutrition labelling. They revise their discussion paper for review at the next CCFL session. - EWG to consider issues associated with the declaration of sodium/salt. - EWG to develop draft general criteria or principles for legibility of nutrition labels. - EWG to evaluate which revisions are needed to the Codex texts on food labelling considering the ingredients associated with risk of non-communicable diseases as identified in the WHO Global Strategy on Diet, Physical Activity and Health.
<b>PRIORITY Work item</b>	<b><i>Labelling provisions in Codex standards for milk and milk products</i></b>
<b>Purpose/explanation</b>	Monitor and take-up requests referred from the IDF Standing Committee on Standards of Identity. Review and comment on suggested labelling provisions in dairy commodity standards (CCMMP recommendations to CCFL).
<b>Responsible</b>	C Frye (US)
<b>Expected final result</b>	Provide on a continuous basis advice and recommendations on suggested labelling provisions in dairy commodity standards
<b>Target date</b>	Continuous
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	Current dairy standards under elaboration/revision by CCMMP are Proposed draft Standard for Processed Cheese and draft Amendment to the Codex Standard for Fermented Milks (CODEX STAN 243-2003), pertaining to Drinks Based on Fermented Milk.
<b>Work item</b>	<b><i>CCFL Discussion Paper on Modified Standard Common Names</i></b>
<b>Purpose/explanation</b>	To provide input to the CCFL electronic working group, coordinated by Canada, to develop principles on the use of modified common names, taking into account the comments of CCFL delegations.
<b>Responsible</b>	R Bouchard (CA)
<b>Expected final result</b>	IDF submission to the CCFL Working Group
<b>Target date</b>	Depending on Codex progress
<b>Approval category</b>	(a) - IDF National Committees

**Current activities and next targets** Based on input from IDF, the latest discussion paper exempts dairy products standardized by Codex from this proposed new work. CCFL invited the Codex Commodity Committees and FAO/WHO Coordinating Committees to provide advice on relevance and implications to their work of horizontal guidance or related texts from the CCFL on modified standardized common names for the purpose of nutrition claims. The next CCFL Session will discuss the terms of reference of the electronic working group that will be set up to further develop the discussion paper. IDF will monitor and if needed provide further input in this work.

**Work item** ***Revision of the class titles (functional classes) and International Numbering System for food additives***

**Purpose/explanation** The implications of the revised list of class titles (functional classes) of food additives for food labeling will be considered at the next session of CCFL. IDF should consider to provide input with regard to possible introduction of labelling requirements for new food additive functional classes. This is a joint work item of SCFLT (lead) and SCFA.

**Responsible** M Hickey (IE) (t.b.c.)

**Expected final result** IDF submission to CCFL, if needed

**Target date** Depending on progress in Codex

**Approval category** (a) - IDF National Committees

**Current activities and next targets** CCFL will discuss the revision of the list of class titles in light of the revised list of functional classes and to consider the matter of understandability of the terms to ensure consumer information and fair trade practices.

SCFLT should consider participation in the discussion, in particular with regards to new food additive functional classes, such as "packaging gases" and "carriers."

#### **LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Food Additives	A Sayler (US)
Nutrition and Health	IDF Head Office
Standards of Identity	M Hickey (IE)

#### **LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

Liaisons ensured via IDF Head Office

Codex Committee on Food Labelling (CCFL)

Codex Committee on Nutrition and Food for Special Dietary Uses (CCNFSDU)

Codex Committee on Milk and Milk Products (CCMMP)

[Go to Table of Contents](#)

<b><i>Standing Committee on Standards of Identity</i></b>
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**Chair** Deborah van Dyk (US) since 9 November 2008  
**Deputy Chair** Vacant (election to be held in Berlin on 17 September 2009)

**OBJECTIVES**

With the objects of:

- (a) elaborating definitions and standards of identity for milk products and other foods of interest to the dairy sector, and
- (b) assisting Codex and other bodies as necessary in adopting technically correct and feasible standards of identity as referred to in a) based on international consensus:

To consider:

1. Pursuing
  - a) the development of draft standards and related texts for submission to the CCMMP and other Codex committees as relevant;
  - b) monitoring the activities of the CCMMP, other Codex committees including those involved in the endorsement and/or adoption of standards of identity for foods; and
  - c) consideration of government comments and other questions relating to the regulation of dairy and other food standards of interest to the dairy sector;
2. Preparation of IDF reports, statements, position papers, proposals, etc. including submission of technical advice to the CCMMP, other Codex committees, and other bodies as necessary;

In particular:

3. To participate in the revision of the existing Codex Standards for milk products and other foods of interest to the dairy sector;
4. To provide technical advice to the work of the CCMMP;
5. In co-operation with the IDF Standing Committee on Food additives to provide technological justifications for the additives used for milk product(s) and other foods of interest to the dairy sector;
6. In co-operation with the IDF Standing Committee on Food labelling and terminology to provide justifications for the labelling provisions included in the draft standards.

**PRIORITY ITEMS FOR 2009-2010**

- ***Proposed Draft Amendment to the Codex Standard for Fermented Milks (CODEX STAN 243-2003), pertaining to Drinks Based on Fermented Milk***
- ***Codex Draft Standard on Processed Cheese***

**WORK PROGRAMME**

<b>PRIORITY Work item</b>	<b><i>Codex Standard for Processed Cheese</i></b>
<b>Purpose/explanation</b>	Assist the CCMMP in developing a standard for processed cheese to replace the 3 existing standards for processed cheese and processed cheese preparations and to facilitate its final adoption.
<b>Responsible</b>	M Hickey (IE) – Action Team leader, K Armitage (AU), P Ballester (ES), D Burel (FR), K Johnston (NZ), S Kawabata (JP), K Koide (JP), E Komorowski (GB), H Meyer-Caron (FR), J Moran (US), M Morgenthaler (CH), J W Rieke (DE), K Schober (AT), D van Dyk (US),
<b>Expected final result</b>	A new Codex standard for Processed Cheese
<b>Target date</b>	To be determined (2010) – depending on progress in Codex
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	The Proposed Draft Standard for Processed Cheese has been returned to Step 2 of the Codex procedure for redrafting and reconsideration at the next session of CCMMP. A physical Working Group, under the co-leadership of France and New Zealand meet in Brussels in early 2009 to revise the proposed draft standard for processed cheese. Unfortunately no agreement has been reached, and no draft standard will be proposed at the next Session of CCMMP where the status of the standard will be discussed.

<b>PRIORITY Work item</b>	<b><i>Proposed Draft Amendment to the Codex Standard for Fermented Milks (CODEX STAN 243-2003), pertaining to Drinks Based on Fermented Milk</i></b>
<b>Purpose/explanation</b>	Assist the CCMMP in consideration and development of above mentioned Codex standard as new category to be included in the present Codex standard on Fermented Milks.
<b>Responsible</b>	B Degeest (BE) – Action Team leader, R Bouchard (CA), J Brendehaug (NO), I Gilles (FR), E Grande (FR), P Fawcet (NZ), J Fernández (ES), I Kandarakis (GR), J A Mateos (ES), A Moncada Jimenez (MX), K Ouchi (JP), J Rieke (DE), A Saylor (US), K Schober (AT), L Thomas (GB)
<b>Expected final result</b>	Final adoption of new category in existing Codex standard
<b>Target date</b>	2010 – depending on progress in Codex
<b>Approval category</b>	(a) – IDF National Committee
<b>Current activities and next targets</b>	The figure of [40] % (m/m) fermented milk remains in square brackets and will be subject to discussion at the next session of CCMMP (in 2010).
<b>Work item</b>	<b><i>Review of analytical methods in Codex standards for Milk and Milk Products</i></b>
<b>Purpose/explanation</b>	The NZ CCMMP Secretariat had requested listing of available methods in Codex draft standards for the purpose of circulating Codex draft standards for government comments.
<b>Responsible</b>	M Hickey (IE) & J Evers (NZ) - AT leaders, J Romero (US), J Seifert & A Dubois (IDF).
<b>Expected final result</b>	List of applicable methods and list of requirements in Codex dairy standards to match with on-going up-dated of references to IDF/ISO standards
<b>Target date</b>	2010 (next session of CCMMP)
<b>Approval category</b>	(c) – IDF Standing Committee on Standards of Identity
<b>Current activities and next targets</b>	Methods of Analysis in Codex (CCMAS/CCMMP recommended methods): adopted as proposed in 2008 but with a call to ensure consistency of presentation of the nitrogen-protein conversion factor of 6.38 for milk protein with regard to all analytical methods for dairy product standards. IDF will take-up the issue as part of the ISO/IDF report on up-date of the existing list of methods for the next session of CCMMP.
<b>Work item</b>	<b><i>Review and comparison of the Codex Generic Model Official Certificate and the Codex Model Export Certificate for Milk and Milk Products (CAC/GL 67-2008)</i></b>
<b>Purpose/explanation</b>	To consider the need for revision of the Codex Model Export Certificate for Milk and Milk Products (CAC/GL 67-2008) for consistency with the Codex Generic Model Official Certificate (as adopted at CAC 2009), and possible provision of technical advice to CCMMP 2010.
<b>Responsible</b>	M Hickey (IE)/J Vignal (CH)
<b>Expected final result</b>	Decision on revision, and eventually revised Codex Model Export Certificate for Milk and Milk Products
<b>Target date</b>	February 2010
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	Following the adoption at the last CAC of the Codex Generic Model Official Certificate, the SCSID will consider the need to revise the Codex Model Export Certificate for Milk and Milk Products (CAC/GL 67-2008) after review and comparison with the Codex Generic Model Official Certificate.

#### **LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Dairy Science and Technology	IDF Head Office
Food Additives	A R Saylor (US)
Food Labelling and Terminology	C Frye (US) / R Bouchard (CA)
Microbiological Hygiene	C Heggum (DK)
Residues and Chemical Contaminants	H Dornom (AU)
Nutrition and Health	IDF Head Office
Methods Standards Steering Group	IDF Head Office

#### **LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

Liaison ensured by IDF Head Office

Codex Committee on Milk and Milk Products (CCMMP)

[Go to Table of Contents](#)

## **WORKING AREA OF METHODS OF ANALYSIS AND SAMPLING**

***Note on prioritisation of work across the working area: The IDF/ISO Methods Standards Steering Group (MSSG) has decided to give priority to fields of work rather than individual work items. The following areas were identified and agreed upon as MSSG area priorities:***

- ***Long term/ongoing: harmonization of microbiological standards, Codex related work items***
- ***Medium term: investigation on the use of videoclips in standards, possible use of teleconference/videoconference, Analytical strategies***
- ***Resources needed for progression of the work, development of analytical methods for vitamins, MSSG strategic planning***

***In addition, items not yet introduced in the Joint ISO and IDF procedure will be given particular attention. These items, as well as other item of particular importance to the analytical dairy community, are marked below with an asterisk within the section of the respective Standing Committee.***

### **NEW STRUCTURE**

***In order to improve efficiency, the MSSG has considered changing the structure and improving the way of working in the analytical area. These changes include new names and /or scopes for Standing Committees, the creation of a new SC, and the deletion of the Joint Action Teams. The project groups of the former JATs will now work directly under the SC responsibility, managed by a newly formed informal IDF/ISO coordinating committee, composed of active members. Through this change, the SCs will function as the main place for discussion and decision. Current chairs and deputy chairs have kept their position according to a rotating schedule in order to maintain continuity but also to ensure a smooth transition into the new structure.***

***The new names of the SCs are:***

- ***Analytical Methods for Additives and Contaminants***
- ***Analytical Methods for Composition***
- ***Analytical Methods for Dairy Microorganisms***
- ***Analytical Methods for Processing Aids and Indicators***
- ***Harmonisation of Microbiological Methods***
- ***Statistics and Automation***

**Standing Committee on Analytical Methods for Additives and Contaminants**

**Chair** Jean Marc Diserens (CH) since May 2005  
**Deputy Chair** Kees Olieman (NL) since May 2005

**OBJECTIVES**

With the object of preparing and promoting standardized methods of analysis for the use of the dairy sector and others:

To consider

1. Elaboration of analytical standards for the detection of veterinary medicinal drug residues and pesticides (insecticides, fungicides and herbicides) in milk and milk products. Collaborative studies and in-house studies on existing and new methods for defining the precision of methods (r and R);
2. Standardization of a method or methods for the determination of aflatoxin M<sub>1</sub> and other mycotoxins in milk and milk products and collaborative studies and in-house studies on existing and new methods for defining the precision of methods (r and R);
3. Standardization of methods of analysis for food additives in milk products;  
To study the possibilities for a suitable routine determination of vitamins A and D in milk products and develop a method for the establishment of the strength of synthetic vitamin A and synthetic vitamin D standards of different manufacturers for the routine determinations;
4. Description, evaluation and standardization of microbial inhibitor and preliminary confirmation tests for the detection of antimicrobials in milk and milk products and the development of detection concepts, integrated detection systems, based on the methods and residues found in the various countries;  
To establish IDF policy with respect to Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF), in cooperation with the Standing Committee on additives and risk management of residues and chemical contaminants, and Codex Committee on Methods of Analysis in Sampling (CCMAS);
5. Standardization of methods for determination of nitrate, nitrite, phosphorus and chloride in cheese and other dairy products;
6. Standardization of analytical methods for elements with the exception of N, P, (PO<sub>4</sub>)<sub>3</sub>, polyphosphates, anions Cl and NO<sub>3</sub> and radionuclides;
7. Collection of information on the determination of elements in addition to those cited above and collecting analytical information on normal trace element content in milk and milk products as well as an observed higher level (from contamination) and related problems and strategies to avoid them in cooperation with the Standing Committees on Residues and chemical contaminants, Environment, Farm management;
8. Review and discussion of International Standards among the members of the Joint Committee (IDF and ISO) for the purposes of harmonization;
9. Monitor and work with other International organizations and advise the Methods Standards Steering Group on any implications related to analytical methods for additives and contaminants;
10. Maintaining contact with other Standing Committees in addition to those cited above, notably Quality assurance, statistics of analytical data and sampling, on the implications of their findings for the methods of analysis.

**WORK PROGRAMME**

<b>Work item</b>	<b><i>Compilation of Commercial Available Screening Methods for the Detection of Inhibitors/Antibiotic Residues in Milk</i></b>
<b>Purpose/explanation</b>	Provision of a compilation that would facilitate the work of the analysts in the field of antibiotic residues by presenting all available tools in one document
<b>Responsible</b>	J M Diserens (CH) – Project leader, A Aktipis (GR), C Baumgartner (DE), J Degelaen (BE), J Manners (AU), H Oppergard (NO), W Reybroeck (BE), V Sudershan Rao (IN), K Rezaei (IR), B Salter (US)
<b>Expected final result</b>	Publication in a Bulletin of IDF
<b>Target date</b>	September 2009
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	The compilation is being reviewed by the IDF National Committees. The paper will then be reviewed according to comments received and published in an IDF Bulletin.
<b>Work item</b>	<b><i>Detection of Inhibitors/Antibiotic Residues in Milk (Milk products, Whey, Condensed milk, etc) by Screening Methods</i></b>
<b>Purpose/explanation</b>	Provision of a compilation that would facilitate the work of the analysts in the field of antibiotic residues by presenting all available tools in one document
<b>Responsible</b>	JM Diserens (CH) – Project leader, A Aktipis (GR), C Baumgartner (DE), J Degelaen (BE), J Manners (AU), H Oppegaard (NO), W Reybroeck (BE), V Sudershan Rao (IN), K Rezaei (IR), B Salter (US)

<b>Expected final result</b>	Publication in Bulletin of IDF
<b>Target date</b>	May 2011
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	It was agreed to expand the scope of this project to milk products. However, the PG leader was informed that similar work was published in Germany, and that some laboratories are working on the subject. German experts to provide more information.

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**Work item** ***Cheese – Determination of Nisin***

<b>Purpose/explanation</b>	To provide an up-to-date standard method for nisin for use by the dairy sector and others
<b>Responsible</b>	T Berger (CH) – Project leader
<b>Expected final result</b>	IDF – ISO Reviewed Method /Technical Specification (ISO/TS 27106 IDF/RM 217)
<b>Target date</b>	August 2009
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	This project will be published as ISO/TS IDF/RM, since the method cannot be validated due to the absence of volunteers to organize the interlaboratory study. The JAT/SC approved the final draft for publication by ISO.

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**Work item** ***Cheese – Determination of Lysozyme***

<b>Purpose/explanation</b>	To provide an up-to-date standard method with known precision for use by the dairy sector and others
<b>Responsible</b>	L Pellegrino (IT) – Project leader
<b>Expected final result</b>	Reviewed Method /Technical Specification (ISO/TS 27105 IDF/RM 216)
<b>Target date</b>	May 2010
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	This project will be published as ISO/TS IDF/RM firstly. The project will be further progressed to IS as it is aimed to organize an interlaboratory study by end of 2009. Results shall be circulated, and comments addressed before next analytical week. Provided the ring lab is successful, the TS/RM will then be progressed to IS.

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**Work item** ***Milk, milk products and infant formulae — Guideline for the quantitative determination of melamine and cyanuric acid by LC-MS/MS***

<b>Purpose/explanation</b>	To provide an up-to-date standard method for melamine and cyanuric acid for use by the dairy sector and others
<b>Responsible</b>	S Holroyd (NZ) – Project leader. J Ahn (KR), M Amjadi Gopayegani (IR), D Bisgard Oldrup (DK), P Broutin (FR), R Crawford (NZ), P Dardenne (BE), F Dehareng (BE), T Delatour (CH), G Dimartino (US), JM Diserens (CH), A Dubois (BE), J Evers (NZ), E Garry (US), P Gros (FR), S Kold-Christensen (DK), R Kouaouci (CA), O Leray (FR), B Magaletta (US), J Moran (US), J Park (KR), VS Rao (IN), J Romero (US), B Salter (US), P Sauv� (CA), G Scott (NZ), P Steketee (NL), H Tober (DE), H van den Bijgaart (NL), R van Schaik (ISO), M Yu (NC).
<b>Expected final result</b>	IDF – ISO Reviewed Method /Technical Specification (ISO/TS XX IDF/RM XX)
<b>Target date</b>	September 2009
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	A project group established following the melamine crisis has developed recommendations for methods to be used. The draft is being circulated among the PG members. It is foreseen to publish the harmonized method as an IDF Reviewed Method/ISO Technical Specification at first to speed up publication.

**Work items under consideration**

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**Work item** ***Availability and applicability of existing vitamin standards for the dairy sector***

<b>Purpose/explanation</b>	To compile information
<b>Responsible</b>	S. Holroyd (NZ) – Project leader
<b>Expected final result</b>	To determine
<b>Target date</b>	To set after approval
<b>Approval category</b>	(a/b) – IDF NCs or SC
<b>Present stage, current activities &amp; next targets</b>	After discussion and review of available methods circulated, the JAT agreed that IDF/ISO secretariat would approach CEN as to find out whether it would be possible to adopt the European standards (CEN) for vitamins A, B, C and D under the ISO-CEN Vienna agreement internationally.

<b>Work item</b>	<b><i>Antibiotic residues in milk - Detection limits of screening methods and MRL's</i></b>
<b>Purpose/explanation</b>	To compile information
<b>Responsible</b>	JM Diserens (CH)/ A Pecou (FR) – Project leaders
<b>Expected final result</b>	To determine
<b>Target date</b>	To set after approval
<b>Approval category</b>	TBD
<b>Present stage, current activities &amp; next targets</b>	A questionnaire has been circulated among the experts of the former JAT on Organic contaminants and veterinary residues to determine the needs for an international project on the subject. Based on the outcome of the questionnaire and the discussion at the last meeting, the PG leaders will advise whether work on the subject is needed or not.

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#### **LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Food Additives	IDF Head Office
Residues and Chemical Contaminants	H van den Bijgaart (NL)

#### **LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

##### Organizations invited to nominate members

ISO/TC34/SC5 Milk and milk products

NMKL

##### Liaison ensured via IDF Head Office

Codex Committee on Milk and Milk Products (CCMMP)

Codex Committee on Methods of Analysis in Sampling (CCMAS)

Codex Committee on Food Additives (CCFA)

Codex Committee on Contaminants in Foods (CCCF)

[Go to Table of Contents](#)

<b>Standing Committee on Analytical Methods for Composition</b>
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**Chair** Olivier Leray (FR) since May 2007  
**Deputy Chair** Steve Holroyd (NZ) since May 2007

**OBJECTIVES**

With the object of preparing and promoting standardized methods of analysis for the use of dairy sector and others:

To consider:

Development and standardization of methods relating to the analysis of fats and fat compounds in milk and milk products;

- Development and standardization of methods relating to the analysis of fats and fat compounds in milk and milk products;
- Development and standardization of methods related to the analysis of proteins and nitrogen compounds in milk and milk products
- Development of a method suitable for approval as an international standard for the determination of soya protein in milk products;
- Development and standardization of methods related to the carbohydrates in milk and milk products
- Development and standardization of methods related to minor compounds
- To produce a report on certain other non-milk proteins which it should be possible to determine in milk products and on which methods could be suitable;
- Standardization of methods for determination of water content, moisture content or total solids by classical physical or chemical means;
- Review and discussion of International Standards among the members of the Joint Committee (IDF and ISO) for the purposes of harmonization;
- Work on any subjects related to the above mentioned methods
- Monitor and work with other International organizations and advise the Methods Standards Steering Group on any implications related to analysis of the main components in milk;
- Maintaining contact with other Standing Committees, for example, Analytical methods for additives and contaminants, Analytical Methods for Processing aids and indicators, Statistics and Automation and others the implications of their findings for the methods of analysis for the components in milk

**WORK PROGRAMME**

Work item	<b><i>Milk and Milk Products – Determination of Titratable Acidity of Fat (BDI method)</i></b>
<b>Purpose/explanation</b>	Provision of a standard method for use by the dairy sector and others
<b>Responsible</b>	P Trossat (FR) – Project leader
<b>Expected final result</b>	ISO – IDF Technical Specification/ Reviewed Method – (ISO/TS 22113   IDF/RM 204)
<b>Target date</b>	2009
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	Project leader to prepare the final draft for publication.

Work item	<b><i>Milk – Determination of Fat Content including Sheep &amp; Goat Milk</i></b>
<b>Purpose/explanation</b>	Revision of existing standard by broadening its scope for sheep and goat milk to provide a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	S Orlandini (IT)– Project Leaders
<b>Expected final result</b>	IDF – ISO International Standard – (revision of ISO 1211/ IDF 1D)
<b>Target date</b>	2010
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	Preparation of Final Draft of the new ISO 1211   IDF 1 with extended scope. The DIS was approved with a few comments. Those approved will be integrated in the FDIS for final ISO approval and publication. The collaborative studies on cow milk and goat and sheep milk fat determination are in the final step of editing and layout before publication in an IDF Bulletin.

<b>Work item</b>	<b><i>Milk fat – Detection of Foreign Fats by Gas Chromatographic Analysis of Triglycerides (Reference method)</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision by the dairy sector and others
<b>Responsible</b>	J Molkentin (DE) – Project Leader
<b>Expected final result</b>	ISO – IDF International Standard – (ISO 17618   IDF 202)
<b>Target date</b>	2010
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	The 2 <sup>nd</sup> DIS was approved with few comments. The collaborative study has been published in the Bulletin of the IDF n° 434/2009.
<b>Work item</b>	<b><i>Milk – Determination of Nitrogen Content of Sheep &amp; Goat Milk</i></b>
<b>Purpose/explanation</b>	Revision of existing standard by broadening its scope for sheep and goat milk to provide a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	G Psathas (CY), S Orlandini (IT) – Project Leaders
<b>Expected final result</b>	ISO – IDF International Standard – (revision of IDF 20-1/2 & ISO 8968-1/2)
<b>Target date</b>	September 2009
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	The collaborative studies are in the last step of the process of publication. The study results will be integrated in the revision of ISO 8968-1/2 IDF 20-1/2 (next item).
<b>Work item</b>	<b><i>Milk and milk products – Determination of Nitrogen Content – Part 1 &amp; 2 (Kjeldahl Method)</i></b>
<b>Purpose/explanation</b>	Revision of existing standard by broadening its scope for other milks and milk products to provide a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	J Romero (US), P Trossat (FR) – Project Leaders
<b>Expected final result</b>	ISO– IDF International Standard, (revision of ISO 8968-1/2 IDF 20-1/2)
<b>Target date</b>	June 2011
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The JAT agreed to: <ul style="list-style-type: none"> <li>- revise part 1 and part 2 to broaden the scope to dried milk and other dried milk products a collaborative study will be organized in order to get the results by end 2009.</li> <li>- The results of the NZ experiment on Kjeldahl digestion of dried milk product shall be published in an IDF Bulletin.</li> <li>- Start the long term revision on combining parts 1 &amp; 2</li> </ul>
<b>Work item</b>	<b><i>Cheese – Determination of Nitrogen Fraction</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision by the dairy sector and others
<b>Responsible</b>	P Trossat (FR) – Project Leader
<b>Expected final result</b>	ISO – IDF International Standard (ISO 27871 IDF 224)
<b>Target date</b>	June 2011
<b>Approval category</b>	(a) – National Committees & ISO/TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The PL presented the results of the collaborative study. The former JAT on Nitrogen compounds agreed to include the calculation formula in the draft standard. Therefore the project group on statistics will be consulted to review the precision figures and propose the best presentation in the next draft to become DIS.
<b>Work item</b>	<b><i>Milk – Lactose Content by Differential pH Method</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	S De Vita (IT), P Trossat (FR) – Project leaders
<b>Expected final result</b>	ISO – IDF International Standard – (ISO 26462   IDF 214)
<b>Target date</b>	April 2010
<b>Approval category</b>	(a) – National Committees & ISO/TC34/SC 5 Members Bodies
<b>Current activities and next targets</b>	The DIS was approved with few comments. Those approved will be integrated in the FDIS for final ISO approval and publication.

<b>Work item</b>	<b><i>Milk fat – Water Content (Karl Fischer Method without Chloroform)</i></b>
<b>Purpose/explanation</b>	Revision of existing standard by replacement of ozone-destroying substance (ODS) in Karl Fischer method
<b>Responsible</b>	H-D Isengard (DE) – Project leader
<b>Expected final result</b>	ISO – IDF International Standard – (revision of joint ISO 5536   IDF 23)
<b>Target date</b>	August 2009
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	The final standard has been sent to the ISO central secretariat for publication.
<b>Work item</b>	<b><i>Fermented milk products – Determination of Titratable Acidity – Potentiometric Method</i></b>
<b>Purpose/explanation</b>	Revision of existing standard by broadening its scope
<b>Responsible</b>	J Floor (ZA) – Project Leader,
<b>Expected final result</b>	IDF - ISO International Standard (revision of ISO 11869 and IDF 150)
<b>Target date</b>	June 2010
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	PL will revise the standards to become joint ISO/TS 11869  IDF/RM 150 having not enough participants to organize a collaborative study. A small trial will be organized to extend the scope to fermented products.
<b>Work item</b>	<b><i>Lactose – Determination of water content - Karl Fischer Method</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	H-D Isengard (DE) – Project leader
<b>Expected final result</b>	ISO – IDF International Standard – (ISO 12779   IDF 227)
<b>Target date</b>	May 2011
<b>Approval category</b>	(a) – National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	The experts reviewed the method and the results of the collaborative studies to allow determination at room temperature. The standard will now progress to DIS for voting by IDF NCs and ISO MBs.
<b>Work item</b>	<b><i>Milk &amp; Milk Products – Nitrate Content – Enzymatic Reduction &amp; Molecular Absorption Spectrometry after Griess Reaction</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others. This is an enzymatic procedure without the use of cadmium reduction.
<b>Responsible</b>	C Bäckmann (FI) – Project Leader
<b>Expected final result</b>	IDF-ISO International Standard – (ISO 20541   IDF 197)
<b>Target date</b>	October 2008
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	ISO 20541   IDF 197 has been published. Its collaborative study will be reviewed by MSSG prior publication in an IDF bulletin.
<b>WORK ITEMS UNDER CONSIDERATION</b>	
<b>Work item</b>	<b><i>Milk products – Direct determination of Trans Fatty Acids (TFA) and Conjugated Linoleic Acids (CLA) in dairy products*</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision by the dairy sector and others
<b>Responsible</b>	PA Golay (CH) – Project Leader
<b>Expected final result</b>	ISO – IDF International Standard
<b>Target date</b>	TBD after approval
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	The PL will prepare a NWI proposal, including a first working draft, for evaluation by IDF NCs, and ISO MBs. Following approval, the PL will organize the collaborative study for the method.
<b>Work item</b>	<b><i>Butter oil – Determination of Fat Content</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision by the dairy sector and others
<b>Responsible</b>	To be identified
<b>Expected final result</b>	ISO – IDF International Standard (revision to become joint – ISO nr IDF 24)
<b>Target date</b>	September 2009

**Approval category** (a) – IDF National Committees & ISO/TC34/SC5 Member Bodies  
**Current activities and next targets** The former JAT on FAT recommended to delete the standard due to lack of interest following a questionnaire to IDF National Committees, and requested MSSG decision. MSSG will then consider deletion of this standard.

**Work item** ***Quantitative determination of individual proteins in raw milk***

**Purpose/explanation** To determine  
**Responsible** K Olieman (NL)/ T Cattaneo (IT)  
**Expected final result** To determine  
**Target date** To determine  
**Approval category** (a) – IDF National Committees & ISO/TC 34/SC 5 Member Bodies  
**Current activities and next targets** The results of the questionnaire to IDF National Committees showed a need to clarify and extend the scope of the work on methods for individual protein determination. The PG will clarify the final purpose of the work and prepare a NWI proposal to first review the existing methods. According to its outcome a method will be proposed.

**Work item** ***Milk and Milk products – Determination of nitrogen content***  
***Part 4: Determination of non-protein-nitrogen content***  
***Part 5: Determination of protein-nitrogen content***

**Purpose/explanation** Revision of an existing standard by broadening its scope for other milks and milk products;  
**Responsible** D Barbano (US)  
**Expected final result** IDF|ISO International Standard (ISO 8968-4/5|IDF 20-4/5)  
**Target date** To determine  
**Approval category** (a) – IDF National Committees & ISO/TC 34/SC 5 Member Bodies  
**Current activities and next targets** The PL is investigating merging part 4 and part 5 while introducing new precision figures, and will prepare a NWI proposal including a first Working Draft accordingly.

**Work item** ***Milk and milk products - Determination of casein content.***  
***Part 1: Indirect determination of casein-nitrogen content (ref. method).***  
***Part 2: Direct determination of casein-nitrogen content (rout. method)***

**Purpose/explanation** Revision of existing standard by broadening its scope for other milks and milk products to provide a standard method of known precision for use by the dairy sector and others  
**Responsible** D Barbano (US)  
**Expected final result** ISO-IDF International standard - (ISO 17997 | IDF 29 - revision Part 1 & 2)  
**Target date** 2009-06  
**Approval category** (a) – IDF National Committees & ISO/TC 34/SC 5 Member Bodies  
**Current activities and next targets** Merging as wished appeared not to be effective as only joining the 2 parts. Chair reminded the objective is exactly the same as for True Protein: 1- having different description of operations in parallel only where differences exist between indirect and direct methods, 2- providing only one set of precision figures calculated from the whole of results of both direct and indirect method trials. The PL will provide a WD matching these objectives, and NWI proposal for IDF and ISO.

**Work item** ***Revision of the standard ISO 5765-1/2 | IDF 79-1/2:2002***

Dried milk, dried ice-mixes and processed cheese-Determination of lactose- Parts 1 and 2

**Purpose/explanation** Revision of existing standard by broadening its scope for milk to provide a standard method of known precision for use by the dairy sector and others  
**Responsible** S. De Vita (IT) – Project leader  
**Expected final result** ISO-IDF International standard - (ISO 5765 | IDF 79 - revision Part 1 & 2)  
**Target date** January 2009  
**Approval category** (a) – IDF National Committees & ISO/TC34/SC 5 Members Bodies  
**Present stage, current activities & next targets** Based on the preliminary results of the work, the PL proposed to revise part 1 of the existing standard with few modifications, also including milk in the scope, and to also propose a comprehensive revision of part 2.

<b>Work item</b>	<b>Revision of the standard ISO 2911   IDF 35:2004</b> Sweetened condensed milk-Determination of sucrose content-Polarimetric method
<b>Purpose/explanation</b>	Revision of existing standard to provide a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	R. Kouaouci (CA)
<b>Expected final result</b>	ISO-IDF International standard - (ISO 2911   IDF 35 - revision)
<b>Target date</b>	January 2009
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC34/SC 5 Members
<b>Present stage, current activities &amp; next targets</b>	The PL presented the results of a preliminary study on an HPLC method for the determination of sucrose in sweetened condensed milk. Based on the preliminary results of the work performed, the JAT decided that a revision of the standard ISO 2911   IDF 35:2004 is needed. A NWI will be drafted by the PL.

<b>Work item</b>	<b>Method with Multi Elements with Graphite Furnace AAS, ICP-AES and ICP-MS. Part 1: Determination of CA-Mg-Ma-K-P using ICP-OES; Part 2: Determination of other elements using ICP-MS-AAS.</b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision or guideline for use by the dairy sector and others
<b>Responsible</b>	H Cruijisen (NL) – Project leader for part 1; PL for part 2 to be appointed
<b>Expected final result</b>	IDF-ISO International Standard – ISO nr   IDF nr
<b>Target date</b>	To be determined
<b>Approval category</b>	(a) - IDF National Committees & ISO/TC34/SC5 Member Bodies
<b>Current activities and next targets</b>	This work item is divided in 2 parts : Part 1: Determination of CA-Mg-Ma-K-P using ICP-OES; Part 2: Determination of other elements using ICP-MS-AAS. The work on part 1 has started. The new PL will prepare a first Working Draft, and a NWI proposal for IDF/ISO.

#### LIAISONS WITH OTHER IDF BODIES

IDF body	Responsible experts
<u>Standing Committees</u>	
Analytical Methods for Additives and Contaminants	O Leray (FR)
Analytical Methods for Processing aids and indicators	O Leray (FR)
Analytical Methods for Dairy Microorganisms	O Leray (FR)
Harmonization of Microbiological Methods	O Leray (FR)
Statistics and Automation	O Leray (FR)

#### LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS

##### Organizations invited to nominate members

ISO/TC34/SC5 Milk and Milk Products  
NMKL

##### Liaison ensured via IDF Head Office

Codex Committee on Milk and Milk Products (CCMMP)  
Codex Committee on Methods of Analysis and Sampling (CCMAS)  
International Committee for Animal Recording (ICAR)  
Nordic Committee on Methods of Analysis of Foods (NMKL)

[Go to Table of Contents](#)

<b>Standing Committee on Analytical Methods for Dairy Microorganisms</b>
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**Chair** Karlheinz Friedrich (DE) since May 2008  
**Deputy Chair** Heinz Becker (DE) since May 2008

**OBJECTIVES**

With the object of preparing and promoting standardized methods of analysis for the use of dairy sector and others:

To consider:

- Development and standardization of methods (International Standards, Technical Specifications / Reviewed Methods, Guidelines) relating to detection and/or enumeration of beneficial microorganisms used in dairy foods (lactic acid bacteria, probiotics, starter cultures etc.)
- Development and standardization of methods relating to determination of strain identity, and identification of species
- Review Joint ISO-IDF International Standards.
- Monitor and work with other International organizations and advise the Methods Standards Steering Group on any implications related to microbiological methods related to the committee.
- Work on any subject related to the above mentioned methods
  - Maintaining contact with other Standing Committees, for example, the SC on Harmonization of microbiological methods, SC on Nutrition and Health and others, if needed, on the implications of their findings for the microbiological method(s) involved.

**WORK PROGRAMME**

<b>Work item</b>	<b><i>Fermented Milks &amp; Starter Cultures – Enumeration of Bifidobacterium spp.</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	W Kneifel (AT) – Project leader
<b>Expected final result</b>	IDF - ISO International Standard (ISO 29981 IDF 220)
<b>Target date</b>	January 2010
<b>Approval category</b>	(a) –IDF National Committees & ISO/TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The comments on ISO/DIS 29981 IDF 220 were approved at the last meeting. The PL will provide an amended draft for progression to FDIS stage for ISO approval and publication. The interlaboratory study results will be published in an IDF Bulletin.
<b>Work item</b>	<b><i>Fermented Milk Products – Dairy Starter Cultures of Lactic Acid Bacteria (LAB) – Standard of identity</i></b>
<b>Purpose/explanation</b>	Provision of a guideline method of known precision for use by the dairy sector and others
<b>Responsible</b>	D Ellekaer (DK), S Casani (DK) – Project leaders
<b>Expected final result</b>	ISO-IDF International Standard (ISO 27205 IDF 149 – revision)
<b>Target date</b>	December 2009
<b>Approval category</b>	(a) –IDF National Committees & ISO/TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The comments on ISO/DIS 27205 IDF 149 were approved in the last meeting. The PL will provide an amended draft for progression to FDIS stage for ISO approval and publication.
<b>Work item</b>	<b><i>Milk and Milk Products - Determination of Probiotics. Part 1) Method Based on Strain Identity. Part 2) Guideline on the Identification of Species.</i></b>
<b>Purpose/explanation</b>	Provision of standard methods of known precision for use as a guideline by the dairy sector and others
<b>Responsible</b>	K Heller (DE) – Project leader
<b>Expected final result</b>	IDF - ISO International Standard
<b>Target date</b>	2010 (to be confirmed)
<b>Approval category</b>	(a) –IDF National Committees & ISO/TC 34/ISO 5 Member Bodies

**Current activities and next targets** Strain identity: Based on the results of a preliminary ring test to standardize the Pulse Field Gel Electrophoresis (PFGE) method, the feasibility of continuing optimising this method will be reviewed. The activity aims at standardizing a method for strain identification leading to the establishment of and IDF/ISO standard/guideline and preparation of a peer reviewed journal article.  
Species identification: Prepare guidelines. Activity will start after finalisation of the SOP for strain identification.

**Work item** ***Milk and Milk Products – Determination of the Antibiotic Susceptibility of Probiotic Bacteria and the Transferability of the Antibiotic Resistance***

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**Purpose/explanation** Provision of standard methods of known precision for use as a guideline by the dairy sector and others

**Responsible** M Danielsen (DK) – Project leader

**Expected final result** IDF - ISO International Standard (ISO 10632|IDF223)

**Target date** June 2010

**Approval category** (a) –IDF National Committees & ISO/TC 34/SC 5 Member Bodies

**Current activities and next targets** Based on the IDF and ISO voting results, the project leader prepares a new draft for progression of the project.

#### **ESTABLISHED LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
<u>Harmonisation of Microbiological Methods</u>	H Becker (DE)
Microbiological Hygiene	R Lodi (IT)
Nutrition and Health	IDF Head Office
Statistics and Automation	To be determined

#### **LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

##### Organizations invited to nominate members

ISO/TC34/SC 5 – Milk and milk products

ISO/TC 34/SC 9 – Food products / Microbiology

NMKL

International Life Sciences Institute (ILSI)

| I Lenoir Wijnkoop (FR)

##### Liaisons ensured via IDF Head Office

Codex Committee on Food Hygiene (CCFH)

Codex Committee on Milk and Milk Products (CCMMP)

Codex Committee on Methods of Analysis and Sampling (CCMAS)

[Go to Table of Contents](#)

<b>Standing Committee on Harmonization of Microbiological Methods</b>
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<b>Chair</b>	To be elected at the first meeting May 2010
<b>Deputy Chair</b>	To be elected at the first meeting May 2010

**OBJECTIVES**

With the object of preparing and promoting standardized methods of analysis of known precision and standardized methods of sampling for use by the dairy sector and others:

To consider:

- Development of standardized methods (International Standards, Technical Specifications/Reviewed Methods, Guidelines) for the detection and/or enumeration of foodborne pathogenic microorganisms including their toxins, marker-organisms and food spoilage microorganisms as well as supporting methods like statistics, proficiency testing, quality control of culture media etc.
- When possible, development of dairy orientated methods in harmonization with ISO/TC 34/SC 9 "Microbiology of food" to integrate the dairy requirements into the horizontal methods to be published by the ISO committee (harmonized approach). If, for any reason, harmonization is not possible or the method is so specific for milk and milk products, the project will be developed to become a vertical joint IDF/ISO/TC 34/SC 5 standard applicable for milk and/or milk products only.
- The SC work is aimed to support on all levels of the specific requirements for the examination of milk and milk products during the development or revision of horizontal methods.
- Review the Joint ISO-IDF International Standards but also those of ISO/TC 34/SC 9.
- Monitor and work with other International organizations, including the ISO TC 34/SC9 and advise the Methods Standards Steering Group on any implications related to microbiological methods related to the committee.
- Maintaining contact with other Standing Committees, for example, Analytical Methods for Dairy microorganisms, Statistics and Automation and others, if needed, on the implications of their findings for the microbiological method(s) involved.

**WORK PROGRAMME**

<b>Work item</b>	<b><i>Milk &amp; Milk Products – General Guidance for the Preparation of Test Samples, Initial Suspensions &amp; Decimal Dilutions for Microbiological Examination</i></b>
<b>Purpose/explanation</b>	Revision of existing joint International Standard: ISO 8261 IDF 122:2001 to ISO 6887-5
<b>Responsible</b>	P Rollier (FR) – Project leader
<b>Expected final result</b>	International Standard published by ISO/TC 34/ SC 9 (ISO 6887-5)
<b>Target date</b>	Depending on SC9
<b>Approval category</b>	a) – ISO/TC34/SC9 Member Bodies
<b>Current activities and next targets</b>	The comments made on the ISO/DIS 6887-5 by ISO/TC 34/SC 9 Member bodies were considered and experts concurred with the conclusion of the ISO TC34 /SC 9 meeting to include the comments and progression to FDIS.

<b>Work item</b>	<b><i>Milk and Milk Products – Detection of Cronobacter sakazakii</i></b>
<b>Purpose/explanation</b>	Provision of a horizontal International Standard published by ISO/TC 34/SC 9 based on ISO/TS 22964   IDF/RM 210.
<b>Responsible</b>	H. Joosten (CH) – Project leader
<b>Expected final result</b>	Revision of ISO/TS 22964   IDF/RM 210:2006 into a horizontal ISO SC 9 standard.
<b>Target date</b>	Depending on SC9
<b>Approval category</b>	(a) – CEN/TC 275/WG6 Member bodies
<b>Current activities and next targets</b>	The first draft of the horizontal standard was discussed and project experts agreed to request the PL (CEN/TC 275/WG3) to include performance data in case of negative broths, since the method was designed as a screening method.

**WORK ITEMS UNDER CONSIDERATION**

<b>Work item</b>	<b><i>Milk – Enumeration of colony-forming units of psychrotrophic microorganisms – CCT at 6,5 °C</i></b>
<b>Purpose/explanation</b>	Revision of existing standard to provide a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	IDF Representative - TBD

<b>Expected final result</b>	International Standard – Via a revision of ISO 6730   IDF 101 into a new vertical ISO-IDF standard or into horizontal standard ISO 17410 of SC 9
<b>Target date</b>	Depending on ISO/TC 34/SC9
<b>Approval category</b>	(a) IDF National Committees & ISO/TC 34/SC 5 (and 9) Member Bodies
<b>Current activities and next targets</b>	The results of the comparison of ISO 6730   IDF 101 and ISO 17410 lead to a decision to harmonize the standards provided that for the examination of milk (1) a pour plate method can be used and (2) skimmed milk powder is added to the medium. A Project Leader has to be nominated. (Annex 1, p. 6; Annex 5)

**Work item** ***Milk and milk products - Enumeration of colony-forming units of yeasts and moulds –CCT at 25 °C.***

<b>Purpose/explanation</b>	Reconsider the recommendation to withdraw ISO 6611   IDF 94 again while taking into account the outcome of the discussion in the ISO/TC34/SC 9 meeting and advise the SC accordingly
<b>Responsible</b>	P Rollier (FR) - IDF Representative
<b>Expected final result</b>	International Standard – Via a revision of ISO 6611   IDF 94 into an horizontal standard ISO 21527, Part 1 (products with water activity greater than 0,95) and Part 2 (products with water activity less than or equal to 0,95) of SC 9
<b>Target date</b>	April 2010
<b>Approval category</b>	(a) IDF National Committees & ISO/TC 34/SC 5 (and SC 9) Member Bodies
<b>Current activities and next targets</b>	ISO/TC 34/SC 9 members decided to prepare an amendment to EN ISO 21527 part 1 and 2, that will include the enlargement of the scope of part 2 to products with water activity less than 0,6. After that the amendment has been approved ISO 6611   IDF 94 can be withdrawn. An IDF representative will participate in the development of the amendment.

**ESTABLISHED LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Analytical Methods for Dairy Microorganisms	K Friedrich (DE)
Microbiological Hygiene	R Lodi (IT)
Statistics and Automation	To be determined

**LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

Organizations invited to nominate members

NMKL

ISO/TC34/SC 5 – Milk and milk products

ISO/TC 34/SC 9 – Food products / Microbiology:

ISO/TC 34/SC 9 meeting - Report

ISO/TC 34/SC 9-WG 2 – Statistics

ISO/TC 34/SC 9-WG 3 – Method validation

ISO/TC 34/SC 9-WG 4 – Proficiency testing

ISO/TC 34/SC 9-WG 5 – Culture media F/W

ISO/TC 34/SC 9-WG 7 - Revision EN ISO 7218

ISO/TC 34/SC 9-WG 8 - Revision of ISO 6887 series

ISO/TC 34/SC 9-WG 8 - Revision of ISO 6579

ISO/TC 34/SC 9-PG - Revision of EN ISO 4833

ISO/TC 34/SC 9-PG - Contaminants in starters and probiotics

ISO/TC 34/SC 9-PG - Enumeration of Salmonella

ISO/TC 34/SC 9-ad hoc group - Serotyping of Salmonella

ISO/TC 34/SC 9-ad hoc group - Yeasts and moulds

CEN/275/WG 6-TAG 5 - Primary production stage

CEN/275/WG 6-TAG 6 - Sampling techniques

CEN/275/WG 6-ad hoc group - Listeria

CEN/275/WG 6-ad hoc group - Staphylococcal enterotoxins

Liaisons ensured via IDF Head Office

Codex Committee on Food Hygiene (CCFH)

Codex Committee on Milk and Milk Products (CCMMP)

Codex Committee on Methods of Analysis and Sampling (CCMAS)

[Go to Table of Contents](#)

B Lombard (FR), H Becker (DE)

B Lombard (FR)

R Giardino (FR)

P Rollier (FR)

K Friedrich (DE)

IDF representative to be nominated

P Rollier (FR)

H Becker (DE)

IDF representative to be nominated

S Casani (DK), D Ellekaer (DK), R Lodi (IT), A Surakka (FI)

(IT), A Surakka (FI)

H Becker (DE)

H Becker (DE)

IDF representative to be nominated

R Lodi (IT)

R Lodi (IT)

H Becker (DE)

IDF representative to be nominated

<b>Standing Committee on Analytical Methods for Processing Aids and Indicators</b>
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**Chair** Robert Salter (US) since May 2008  
**Deputy Chair** Philippe Trossat (FR) since May 2008

**OBJECTIVES**

With the object of preparing and promoting standardized methods of analysis for the use of the dairy sector and others:

To consider:

- Development and standardization of methods relating to the analysis in milk and milk products of minerals and minor components, including milk clotting activity of the milk coagulating enzymes in different preparations and dairy products. In addition to milk clotting enzymes, standard methods for other enzymes used in cheese making may be considered, for example lipases, and lysozyme;
- Standardization of methods for characterization of dried milk in relation to heat treatment and suitability for use in specific applications;
- Standardization of methods for measuring the physical properties of instant dried milk, especially in relation to usage of the product;
- Standardization of uni-axial compression at a constant rate for the determination of the rheological properties of hard and semi-hard cheeses
- Standardization of a method for the firmness of butter;
- Standardization of methods for distinguishing heat treated milks and creams (all stages from raw to sterilized);
- Subjects directly related to the above mentioned methods, including standardization of reference materials (skim milk powder, rennet powder, etc.), laboratory techniques, laboratory glassware and other equipment, automated methods, sampling and interpretation of analytical results;
- Review and discussion of International Standards among the members of the Joint Committee (IDF and ISO) for the purposes of harmonization;
- Monitor and work with other International organizations and advise the Methods Standards Steering Group on any implications related to minor components and characterization of physical properties;
- Maintaining contact with other Standing Committees, for example, Standards for Identity, Analytical Methods for Composition, Statistics and Automation on the implications of their findings for the minor components and characterization of physical properties

**WORK PROGRAMME**

<b>Work item</b>	<b><i>Milk – Determination of Lactoperoxidase Activity: Photometric Method</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	D Tanzer (DE), M Nicolas (FR) – Project leaders
<b>Expected final result</b>	ISO-IDF International Standard (ISO 17193   IDF 208)
<b>Target date</b>	December 2009
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	Data from earlier collaborative studies on this project are used to calculate the method precision values. The PLs need checking whether the data is satisfactory and the project can be progressed/finalized.
<b>Work item</b>	<b><i>Milk and Milk Products – Pregastric Lipase Activity</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	M Harboe (DK) – Project leader
<b>Expected final result</b>	IDF-ISO International Standard ISO 13082 IDF 218
<b>Target date</b>	June 2010
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The former JAT approved the comments on the CD. The method will be amended for use in the collaborative study and preparation of the DIS.
<b>Work item</b>	<b><i>Milk and Milk Products – Calf Rennet and Adult Bovine Pepsin - Determination of Chymosin and Bovine Pepsin Contents – Chromatographic Method</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	A Andren (SE) – Project leader

<b>Expected final result</b>	ISO-IDF International Standard (ISO nr... IDF 110 – revision IDF 110B:1997)
<b>Target date</b>	June 2009
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The Working Draft (WD) was approved with few changes and will be forward to ISO for adoption. The results of the collaborative study have been reviewed by the former JAT on Statistics, and will be published in an IDF Bulletin.

<b>Work item</b>	<b><i>Milk and milk products – Microbial coagulants – Determination of total milk-clotting activity</i></b>
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<b>Purpose/explanation</b>	Provision of an updated standard method of known precision for the dairy sector and others
<b>Responsible</b>	M. Harboe (DK) – Project Leader (A. van Boven, A.Andrén & K. Daamen)
<b>Expected final result</b>	ISO-IDF International Standard (Revision ISO 15174   IDF 176:2002)
<b>Target date</b>	June 2010
<b>Approval category</b>	(a) – IDF National Committees & ISO/TC 34/SC 5 Members Bodies
<b>Present stage, current activities and next targets</b>	The working draft has been revised, and the precision figures confirmed. The WD will be forwarded to ISO for adoption. The report of the interlaboratory study will be published in a Bulletin of IDF together with the results of other related studies.

#### **WORK ITEMS UNDER CONSIDERATION**

<b>Work item</b>	<b><i>Phosphatase methods comparison data</i></b>
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<b>Purpose/explanation</b>	To set
<b>Responsible</b>	M Nicolas (CRL) – Project leader
<b>Expected final result</b>	To be determined
<b>Target date</b>	To set after approval
<b>Approval category</b>	To be determined
<b>Current activities and next targets</b>	The PL is investigation and checking more data before this work can be progressed further.

<b>Work item</b>	<b><i>Milk and milk products – Determination of alkaline phosphatase activity – Part 2: Fluorometric method for cheese*</i></b>
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<b>Purpose/explanation</b>	Revision of International Standard: ISO 11816-2   IDF 155-2:2003
<b>Responsible</b>	M. Nicolas (FR) – Project Leader
<b>Expected final result</b>	Revised IS: ISO 11816-2   IDF 155-2
<b>Target date</b>	To set after approval
<b>Approval category</b>	To be determined
<b>Present stage, current activities &amp; next targets</b>	The PL is investigating a revision proposal to IDF and ISO for adoption as NWI.

<b>Work item</b>	<b><i>Milk and milk products – Determination of alkaline phosphatase activity – Part 1: Fluorometric method for milk and milk-based drinks*</i></b>
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<b>Purpose/explanation</b>	Revision of International Standard: ISO 11816-1   IDF 155-1:2006
<b>Responsible</b>	E. Garry (US) – Project Leader
<b>Expected final result</b>	Revised IS: ISO 11816-1   IDF 155-1
<b>Target date</b>	To set after approval
<b>Approval category</b>	To be determined
<b>Present stage, current activities &amp; next targets</b>	The PL is investigating a revision proposal to IDF and ISO for adoption as NWI.

<b>Work item</b>	<b><i>Pasteurization tracers – Different enzyme indicators for pasteurisation in other species</i></b>
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<b>Purpose/explanation</b>	To compile information
<b>Responsible</b>	M. Nicolas (FR) – Project leader
<b>Expected final result</b>	To determine
<b>Target date</b>	To set after approval
<b>Approval category</b>	To be determined

**Present stage, current activities & next targets** Former JAT experts should provide available data related to pertinent indicators of correct pasteurization in other species to the PL for consideration at the next meeting and decision taking on the progress of this project.

**Work item** *Compilation of experimental data and/or academic knowledge on reactivated phosphatase*

<b>Purpose/explanation</b>	To compile information
<b>Responsible</b>	M. Nicolas (FR) – Project leader
<b>Expected final result</b>	To determine
<b>Target date</b>	To set after approval
<b>Approval category</b>	To be determined
<b>Present stage, current activities &amp; next targets</b>	Former JAT experts should provide available data related to pertinent indicators of correct pasteurization in other species to the PL for consideration at the next meeting and decision taking on the progress of this project.

**LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Environment	IDF Head Office
Statistics and Automation	M Nicolas FR)
Standards of Identity	M Harboe (DK)

**LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

Organizations invited to nominate members

ISO/TC34/SC 5 Milk and Milk Products

NMKL

Liaison ensured via ISO Head Office

ISO Committee on Milk and Milk Products (CCMMP)

ISO Committee on Methods of Analysis and Sampling (CCMAS)

[Go to Table of Contents](#)

<b>Standing Committee on Statistics and Automation</b>
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**Chair** Harrie van den Bijgaart (NL) since May 2007  
**Deputy Chair** Thomas Berger (CH) since May 2007

**OBJECTIVES**

With the object of preparing and promoting standardized methods of analysis of known precision and standardized methods of sampling for use by the dairy sector and others:

To consider:

- Development of standards for the statistical evaluation of analytical methods be they physical, chemical or microbiological. These standards cover the organization of interlaboratory studies and the statistical evaluation of the results obtained from these studies;
- Sampling and sample preparation of milk and milk products in international standards with the aim of achieving a representative and homogenous sample for analysis and to assure that real life samples are treated in such a way that critical differences based on validation data of standard methods can be applied for the estimation of the uncertainty of results of such samples;
- Provision of regularly updated information on reference materials;
- Development of practical and clear guidelines for proficiency testing and similar quality assurance measures for laboratories;
- Monitor and work with other International organizations and advise ISO of any implications related to quality assurance, statistics and sampling;
- Communication with other Standing Committees and Task Forces, for example, Analytical methods for additives and contaminants, Analytical Methods for Processing aids and Indicators, Analytical Methods for Composition, Analytical Methods for Dairy Microorganisms, and Harmonization of Microbiological Methods, on the implications of their findings for quality assurance and statistics of analytical data and methods of sampling.

**WORK PROGRAMME**

<b>Work item</b>	<b><i>Reference system for somatic cell counting</i></b>
<b>Purpose/explanation</b>	To explore the feasibility of working with reference systems were traditional calibration schemes lack effectiveness.
<b>Responsible</b>	H van den Bijgaart (NL) - Project leader, Members: D Barbano (US), C Baumgartner (DE), T Berger (CH), U Braun (DE), P Jamieson (NZ), O Leray (FR), B Lombard (FR), C Matari (GR), V Ninane (BE), S Orlandini (IT), A Pécou (FR), P Popi (GR), A Rosati (ICAR).
<b>Expected final result</b>	A reference system for somatic cell counting recognized and adopted as such by regulatory bodies and competent authorities worldwide.
<b>Target date</b>	May 2013
<b>Approval category</b>	(a) - IDF National Committees and ICAR
<b>Current activities and next targets</b>	The PG met during the analytical week, and will meet again during the IDF World Dairy Summit in Berlin. The WG agreed to prepare a communication plan in collaboration with IDF Head Office, and ICAR secretariat. A questionnaire for providers and users of reference material is being prepared, as well as a detailed time plan for the work.
<b>Work item</b>	<b><i>Food products -Statistics of Analytical Data – Protocol for: 1) Precision Characteristics of Microbiological Methods 2) Proficiency Testing in Microbiological Testing</i></b>
<b>Purpose/explanation</b>	Provision of an internationally accepted protocol for the establishment of 1) precision characteristics of microbiological methods (colony count techniques) 2) proficiency testing in microbiological laboratories
<b>Responsible</b>	B Lombard (FR) – Project leader
<b>Expected final result</b>	ISO International Standard/guidelines
<b>Target date</b>	Depending on SC9
<b>Approval category</b>	ISO TC 34/SC 9 Member Bodies

<b>Current activities and next targets</b>	<p>Item is split into two sub-projects and will be handled by ISO/TC 34/SC 9. Liaison between SCSA and ISO/TC34/SC 9/WGs 2, 3 &amp; 4 is established as to follow the work closely.</p> <p>Item 1: WG 3 "Method validation" of ISO/TC 34/SC 9 "Food products-Microbiology" has produced a first draft for part 1 "Terminology" and part 2 "Protocol for the validation of proprietary methods against a reference method". Liaison between WG 3 and ISO/TC 69 is ensured by M Feinberg.</p> <p>Item 2: A draft is not yet available due to the development of ISO 17043 on Proficiency Testing which will replace ISO Guide 43 and cover all areas, mainly the organizational aspects. It was decided to have ISO CD 22117 to cover the specific microbiological issues, the draft will be modified to delete redundant aspects with ISO/DIS 17043, and it will be published as an ISO Technical Specification.</p>
<b>Work item</b>	<b><i>Statistics of analytical data – Interlaboratory Study of Results of other MAS Project groups</i></b>
<b>Purpose/explanation</b>	Assurance that interlaboratory studies and their results satisfy the criteria of relevant international organizations (IUPAC, CCMAS etc)
<b>Responsible</b>	R Crawford (NZ), B Lombard (FR), H Weiss (DE) – Project leaders, R Crawford (NZ), O Leray (FR), S Orlandini (IT), R Kissling (NZ).
<b>Expected final result</b>	Articles in the Bulletin of IDF (or elsewhere)
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – IDF Standing Committee on QASADS / MSSG
<b>Current activities and next targets</b>	The Project Leaders will act as supervisors for non-routine case. Under this WI, statistical assistance to projects for methods of analysis in all the SCs is dealt with.
<b>Work item</b>	<b><i>Milk &amp; Milk products – Precision Characteristics of Analytical Methods – Outline of Collaborative Study Procedure</i></b>
<b>Purpose/explanation</b>	To produce guidance for collaborative study procedures based on IDF 135 & ISO 5725-1
<b>Responsible</b>	B Lombard (FR), O Leray (FR) – Project Leaders, R Crawford (NZ), R Kissling (NZ)
<b>Expected final result</b>	IDF Bulletin (revision IDF 135B:1991)
<b>Target date</b>	2009
<b>Approval category</b>	(a) IDF National Committees
<b>Current activities and next targets</b>	The draft revision of IDF 135 will be modified further to skip some parts and align with the chapter of the ISO 5725. Then it was agreed to publish that as guideline document in an IDF Bulletin. After publication, the standard IDF 135 should be withdrawn.
<b>Work item</b>	<b><i>New application of IR spectrometry – General Information</i></b>
<b>Purpose/explanation</b>	Provision of background material to assist in interpretation of results, etc
<b>Responsible</b>	H van den Bijgaart (NL) – Project Leader, D Bisgaard Oldrup (DK), P Broutin (FR), E de Jong (NL), Dehareng (BE), F O Leray (FR), S Orlandini (IT)
<b>Expected final result</b>	Articles in the Bulletin of the International Dairy Federation
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – IDF Standing Committees on QASADS
<b>Current activities and next targets</b>	The draft paper on measurement of fatty acid composition is in preparation for publication as an article in the Bulletin of IDF. The draft was reviewed by the members of the former JAT on Automated method. Further input was received during and after the last meeting therefore, the paper is expected to be reviewed and shall be published by October 2010.
<b>Work item</b>	<b><i>Milk – Definition &amp; Evaluation of the Overall Accuracy of Indirect Methods of Milk Analysis</i></b>
<b>Purpose/explanation</b>	Revision and extension of present standard
<b>Responsible</b>	O Leray (FR) – Project leader
<b>Expected final result</b>	ISO-IDF International Standard (revision of ISO 8169 IDF 128 Parts 1 & 2, extension with part 3)
<b>Target date</b>	October 2009
<b>Approval category</b>	(a) – IDF National Committees & ISO TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The FDIS is under voting procedure within ISO. It will be published afterwards.

<b>Work item</b>	<b><i>Milk – Determination of Bacteriological Quality – Guidance on Evaluation of Routine Methods</i></b>
<b>Purpose/explanation</b>	Provision of an amendment to horizontal microbiological standard ISO 16140.
<b>Responsible</b>	I. Andersson (SE) – Project Leader, P Broutin (FR), R Crawford (NZ), O Leray (FR), G Psathas (CY), H van den Bijgaart (NL).
<b>Expected final result</b>	ISO-IDF International Standard (revision of IDF 161A:1995)
<b>Target date</b>	June 2012
<b>Approval category</b>	(a) – IDF National Committees & ISO TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The former JAT on Automated methods discussed the working draft and the comments received. The project group to prepare a next draft. Draft to be sent out with ISO NWI proposal for immediate progression to DIS stage.

<b>Work item</b>	<b><i>Whole Milk – Fat, Protein and Lactose Content - Guidance on the Operation of Mid-Infra Red Instruments (revision)</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	P Sauvé (CA), H van den Bijgaart (NL) – Joint Project Leaders, D Barbano (US), D Bisgaard Oldrup (DK), P Broutin (FR), F Dehareng (BE), B Dziuba (PL), A Fehrmann-Reese (DE), M Gips (IL), S Holroyd (NZ), R Kouaouci (CA), O Leray (FR), S Orlandini (IT), G Scott (NZ).
<b>Expected final result</b>	ISO-IDF International Standard (revision of ISO 9622   IDF 141)
<b>Target date</b>	To be determined
<b>Approval category</b>	(a) – IDF National Committees & ISO TC 34/SC 5 Member Bodies
<b>Current activities and next targets</b>	The IDF NCs approved the NWI. It is aimed to extend the present scope of the method for sheep, goat's and buffalo milk. The draft was discussed at the last meeting, in addition more comments were welcomed until 1 September. The draft will then be revised before proceeding to the ISO approval.

#### ***Work item under consideration***

<b>Work item</b>	<b><i>Milk and Milk Products – Method for Automated Sampling*</i></b>
<b>Purpose/explanation</b>	Provision of a standard method of known precision for use by the dairy sector and others
<b>Responsible</b>	D Chedotal (FR) – Proposed Project Leader
<b>Expected final result</b>	ISO-IDF International Standard
<b>Target date</b>	December 2008
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	The first working draft was prepared and discussed by the former JAT on Statistics and Sampling. Some changes in the scope, and outcome of the work in the NWI proposal were proposed. The PL will revise the New Work Item proposal and working draft accordingly for approval by IDF NCs and ISO MBs.

#### **LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
Standing Committees	
Animal Health	S Orlandini (IT)
Analytical Methods for Additives and Contaminants	H van den Bijgaart (NL)
Analytical Methods for Composition	H van den Bijgaart (NL)
Harmonization of Microbiological Methods	H van den Bijgaart (NL)

#### **LIAISONS WITH OTHER INTERNATIONAL BODIES**

##### Organizations invited to nominate members

ISO/TC34/SC 5 Milk and Milk products  
 ISO/TC 34/SC 9 Microbiology - B Lombard (FR)  
 ISO/TC 69 Application of Statistical Methods  
 NMKL

CEN TC 302  
 ICAR - O Leray (FR)

##### Liaisons ensured via the ISO Head Office

Codex Committee on Milk and Milk Products (CCMMP)  
 Codex Committee in Methods of Analysis and Sampling (CCMAS)  
 International Union of Pure and Applied Chemistry (IUPAC)

[Go to Table of Contents](#)

## **WORKING AREA OF NUTRITION**

### ***Standing Committee on Nutrition and Health***

**Chair** Judith Bryans (GB) since 26 May 2008  
**Deputy Chair** Victoria Landells (AU) since 26 May 2008

#### **OBJECTIVES**

Reporting significant findings to the dairy sector, making an input to the scientific community, identifying perspectives with potential added value, etc:

- To consider all aspects of human nutrition and health, particularly present knowledge and any new discovery in the field of nutritional science that can affect the consumption of milk and milk products;
- To encourage research on role of milk and milk products in the diet;
- To monitor and maintain relations with other international bodies in the area of nutrition and health, for example FAO and WHO, on behalf of the dairy sector;
- To provide scientific information and maintain relationship with the IDF Food Standards Steering Group (FSSG) concerning the monitoring of the Codex Committee on Nutrition and Foods for Special Dietary Uses (CCNFSDU) and with the Standing Committee on Food Labelling and Terminology in relation to labelling issues on the Codex agenda;
- To take the leading role within IDF in relation to nutrmarketing and to maintain a close working relationship with the Standing Committee on Marketing;
- To develop a communications plan to actively promote positive nutrition aspects of dairy.

#### **PRIORITY ITEMS FOR 2009/2010**

- ***Dairy fat, including trans fatty acids -***
- ***Coordination of Codex Nutrition Matters and input to CCNFSDU and CCFL***
- ***Communications plan around nutrient richness/density***
- ***Hormones and cancer***
- ***Dairy nutrition and environmental sustainability***
- ***Carbohydrates with a specific focus on lactose***

#### **WORK PROGRAMME**

<b>PRIORITY Work item</b>	<b><i>FAO/WHO Fats and Oils Review</i></b>
<b>Purpose/explanation</b>	To consult with experts and prepare scientific dossiers on various dairy fat issues such as TFA, CLA and saturated fatty acids. To follow up on the outcomes of the FAO/WHO Expert Consultation on Fats and Fatty Acids in Human Nutrition, for which a scientific update on dairy fats and coronary heart disease (CHD) were submitted.
<b>Responsible</b>	H Bishop Mac Donald (CA), – Action Team Leader, R Bouchard (CA), J Bryans (GB), JH Christensen (DK), F Destailats (FR), C Frye (US), GJ Hiddink (NL), E Jacquier (CH), V Landells (AU), A Lawrence (AU), H Lindmark Mansson (SE), A Lock (US), I MacNeill (AU), G Miller (US), S Oude Elferink (NL), P Parodi (AU), M Pikosky (US), M Preller (EDA), C Schweitzer (GDP), Y Soustre (FR), C Stanton (IE), J Steijns (NL), S Zaripheh (US).
<b>Expected final result</b>	Scientific dossiers on dairy fats
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – IDF Standing Committee on Nutrition and Health
<b>Current activities and next targets</b>	Dissemination of results and follow up activities of meeting ‘Scientific update on dairy fats and CHD’ via peer-reviewed journal articles and input in future symposia addressing dairy fats including trans fatty acids and saturated fatty acids.
<b>PRIORITY Work item</b>	<b><i>Coordination of Codex Nutrition Matters (Joint SCNH/SCFLT Action Team , Division of lead by SCNH and SCFLT depending on topic of work)</i></b>
<b>Purpose/explanation</b>	Monitor scientific nutrition-related aspects of the CCNFSDU and CCFL and provide advise; prepare IDF input to Codex if needed.
<b>Responsible</b>	I Neiderer (CA) – Action Team leader, K Armitage (AU), P Ballester (ES), H Bishop MacDonald (CA), R Bouchard (CA), P Dekker (NL), C Frye (US), J-C Gillis (FR), E Grande (FR), C Heggum (DK), M Hickey (IE), GJ Hiddink (NL), E Jacquier (CH), V Landells (AU), M Lugt (NL), S Marcoullier (US), J Rieke (DE), M Riley (AU), B Vandewaetere (BE), K Wettre Brønner (NO)

<b>Expected final result</b>	Depending on up-coming issues to provide advice to the Food Standard Steering Group and the Standing Committee on Food Labelling and Terminology, and to prepare IDF draft submissions to CCNFSDU and CCFL if needed
<b>Target date</b>	Continuous
<b>Approval category</b>	(a) – IDF National Committees (with regard to IDF submissions)
<b>Current activities and next targets</b>	The items of interest monitored by the AT, and not covered elsewhere in the agenda are <ul style="list-style-type: none"> <li>- General principles for establishing Nutrient Reference Values (NRVs) of vitamins and minerals for the general population</li> <li>- General principles for establishing NRVs for nutrients associated risk of non communicable diseases</li> <li>- Proposal for new work to amend the Codex General Principles for the Addition of Essential Nutrients to Foods.</li> <li>- Proposal to revise the Codex guidelines on supplementary foods for older infants and young children.</li> </ul> The AT is preparing input to CCFL and CCNFSDU electronic working groups and to the next meetings of the CCFL and CCNFSDU.
<b>Work item</b>	<b><i>Nutrition profiling</i></b>
<b>Purpose/explanation</b>	To monitor developments and act appropriately by advocacy of existing IDF position, possible review of IDF position,
<b>Responsible</b>	J Bryans (GB) – Action Team leader, F Costes (FR), J-C Gillis (FR), GJ Hiddink (NL), E Jacquier (CH), R Lange (AU), I Lenoir (FR), C Marmonier (FR), GD Miller (US), M Pikosky (US), C Plymesser (US), M Riley (AU), N Rolf-Pedersen (FR), A Rowan (NZ), B Vandewaetere (BE)
<b>Expected final result</b>	Continuous input to other bodies
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – IDF Standing Committee on Nutrition and Health
<b>Current activities and next targets</b>	The Action Team will continue monitoring developments around the world and to consider making input as needed.
<b>PRIORITY Work item</b>	<b><i>Hormones and cancer</i></b>
<b>Purpose/explanation</b>	The AT was set up to be able to reply to the World Cancer Research Fund (WCRF) report on ‘Food, nutrition, physical activity and the prevention of cancer’ that was released in November 2007. WCRF will follow up with policy report focusing on body weight and cancer. The AT continues to collect and monitor new scientific data in order to be able to provide scientific advice if needed.
<b>Responsible</b>	GJ Hiddink (NL) – AT Leader-, H Bishop Mc Donald (CA), J Bryans (UK), A Lawrence (AU), H Lindmark Månsson (SE), C Marmonier (FR), P Parodi (AU), A Rowan (NZ), Y Soustre (FR), J Steijns (NL).
<b>Expected final result</b>	Provision of information to members.
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – IDF Standing Committee on Nutrition and Health
<b>Current activities and next targets</b>	The SCNH agreed to share all information available about ongoing and available studies.
<b>Work item</b>	<b><i>Up-date of contents of the IDF Nutrition Website</i></b>
<b>Purpose/explanation</b>	The IDF Dairy Nutrition website <a href="http://www.idfdairynutrition.org">www.idfdairynutrition.org</a> was launched in January 2008 to provide information about the nutritional benefits of dairy foods.
<b>Responsible</b>	Y Soustre (FR) – Action Team Leader, H Bishop-MacDonald (CA), MA Burkman (US), I Coene (BE), GJ Hiddink (NL), M Kapsokfalou (GR), A Michaelidou (GR), M Riley (AU), M Tucci (IDF), S Tuijelaars (IDF)
<b>Expected final result</b>	Up-dated IDF Nutrition Website as the most comprehensive international source and reference for dairy nutrition
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – IDF Standing Committee on Nutrition and Health
<b>Current activities and next targets</b>	Continuous update of the scientific content of the website.

<b>Work item</b>	<b><i>Nutrimarketing: Identification of top nutrition items of interest and concern to the dairy sector. (Joint AT between SCNH and SCM)</i></b>
<b>Purpose/explanation</b>	To discuss issues of mutual interest to marketers and nutritionists. To develop a communications plan.
<b>Responsible</b>	W Pauli (DK) and V Landells (AU) – Action Team Leaders, M Amjadi Gopayegani (IR), H Bishop MacDonald (CA), J Bryans (GB), MA Burkman (US), D Carcano (FR), I Coene (BE), GJ Hiddink (NL), E Jacquier (CH), R Lange (AU), A Lawrence (AU), I Neiderer (CA), S Ronholt Hansen (DK), C Schweitzer (GDP), Y Soustre (FR), P Thom (CA)
<b>Expected final result</b>	Communication plan, including dissemination of IDF news and information pertaining to nutrition in the context of marketing
<b>Target date</b>	May 2009
<b>Approval category</b>	(c) – IDF Standing Committee on Nutrition and Health
<b>Current activities and next targets</b>	Based on a needs assessment, developing a draft communication plan around the central theme of nutrient density/richness. An information exchange meeting will be organised with other international organisations communicating on this concept. Based on the outcome of this meeting, areas for IDF to focus on will be identified.
<b>Work item</b>	<b><i>IDF World Dairy Summit Berlin (DE) in September 2009 – nutrition conference</i></b>
<b>Purpose/explanation</b>	Preparation of the programme for a nutrition conference at IDF World Dairy Summit 2009
<b>Responsible</b>	K Lehmann (DE) – Conference Manager and Action Team Leader, J Bryans (GB), MA Burkman (US), GJ Hiddink (NL), I Lenoir-Wijnkoop (FR), Y Soustre (FR), C Stanton (IE), S Tuijelaars (IDF)
<b>Expected final result</b>	Programme for nutrition conference
<b>Target date</b>	September 2009
<b>Approval category</b>	(c) – IDF Standing Committee on Nutrition and Health
<b>Current activities and next targets</b>	A draft programme is being developed. Progress of the AT will be reported at the SCNH meeting in Mexico. There is ongoing consultation between the Summit organizers, IDF Head Office and the experts concerned.
<b>Work item</b>	<b><i>IDF World Dairy Summit Auckland (NZ) in November 2010 – Nutrition &amp; Health conference</i></b>
<b>Purpose/explanation</b>	Preparation of the programme for a nutrition & health conference at IDF World Dairy Summit 2010
<b>Responsible</b>	V Landells (AU) and A Rowan (NZ) – Conference managers, J Bryans (GB), G Hiddink (NL), E Jacquier (CH), I MacNeill (AU), Y Soustre (FR), S Tuijelaars (IDF)
<b>Expected final result</b>	Programme for nutrition conference
<b>Target date</b>	November 2010
<b>Approval category</b>	(c) – IDF Standing Committee on Nutrition and Health
<b>Current activities and next targets</b>	A draft programme is being developed. Progress of the AT will be reported at the SCNH meeting in Berlin. There is ongoing consultation between the Summit organizers, IDF Head Office and the experts concerned.
<b>PRIORITY Work item</b>	<b><i>Scientific update on carbohydrates in dairy products including a specific focus on lactose (Joint AT with SCDST)</i></b>
<b>Purpose/explanation</b>	An FAO/WHO Expert Consultation on Carbohydrates in Human Nutrition is expected to be organized in the future. A related FAO/WHO call for data and experts could be expected in the forthcoming months. The objective of related IDF work will be to undertake a scientific 'update' on some of the key issues related to carbohydrates in milk including a particular focus on lactose.
<b>Responsible</b>	H Bishop MacDonald (CA) - AT Leader, M Amjadi (IR), N Corzo (ES), M Gaenzle (CA), H Kwak (KR), I Lenoir-Wijnkoop (FR), M Nanno (JP), A Olano Villen (ES), M Pikosky (US), M Schoterman (NL), P Schuck (FR), Y Soustre (FR), C Stanton (IE), K Yamauchi (JP)
<b>Expected final result</b>	Peer-reviewed publication
<b>Target date</b>	2010
<b>Approval category</b>	c) IDF Standing Committee on Nutrition and Health
<b>Current activities and next targets</b>	Identification of authors to write the papers and drafting of the papers.

## WORK ITEMS UNDER CONSIDERATION

<b>Work item</b>	<b><i>Dairy and Children's Diets</i></b>
<b>Purpose/explanation</b>	Dairy is an important component in the diet of children. National nutrition surveys illustrate that children are not eating the serves of dairy required to meet their calcium requirements. The project aims to provide the background and substantiation for the development of tools for use by health professionals and the dairy industry.
<b>Responsible</b>	V Landells (AU) - AT Leader, MA Burkman (US), I Coene (BE), A Cotter (GB), E Hovland (NO), I MacNeill (AU), M Pikosky (US), A Rowan (NZ)
<b>Expected final result</b>	Publication of a supplement on Dairy and Children's nutrition
<b>Target date</b>	Tbd
<b>Approval category</b>	Tbd
<b>Current activities and next targets</b>	A new work item proposal will be reviewed by SCNH and if agreed be proposed as new work for adoption by National Committees.

**LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
Food Standards Steering Group (monitoring CCNFSDU and CCFL)	IDF Head Office
<u>Standing Committees</u>	
Food Labelling and Terminology	IDF Head Office
Dairy Science and Technology	H Korhonen (FI)
Marketing	H Bishop MacDonald (CA)
Analytical Methods for Dairy Microorganisms	IDF Head Office

**LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

Liaison ensured via IDF Head Office

WHO – Department of Nutrition for Health and Development

FAO – Food and Nutrition Division

[Go to Table of Contents](#)

## WORKING AREA OF HYGIENE AND SAFETY

### ***Standing Committee on Microbiological Hygiene***

**Chair** Robin Condron (AU) since 1 October 2007  
**Deputy Chair** Robert D Byrne (US) since 1 October 2007

#### **OBJECTIVES**

With the object of

- (i) monitoring, reviewing, reporting and advising on hygiene management, its foundation, principles, procedures, options and measures, applicable throughout the food chain and appropriate for achieving safe and suitable milk and milk products;
- (ii) assisting Codex in adopting technically correct and feasible Codex hygiene standards, codes, and guidelines based on international consensus;
- (iii) advising the dairy sector about the implications, and the control and management of hygiene and microbiological contaminants;

To consider:

1. Making input through the monitoring of the activities of CCFH, CCGP and CCFICS and other relevant international organizations (e.g. ICMSF) concerning:
    - (i) microbiological risk assessment relevant to the safety of milk and milk products;
    - (ii) microbiological risk management, and relevant to the microbiological safety of milk and milk products;
    - (iii) hygiene management relevant to obtain safe and suitable milk and milk products;
  2. Preparation of IDF reports, statements, position papers, proposals, etc. including submissions of technical advice to the CCFH, the CCGP and the CCFICS;
  3. Preparation of information material for the dairy sector based upon the above work.
- In particular:
4. To act as technical advisor to Codex in the development of microbiological texts relevant for milk and milk products;
  5. To provide technical advice on microbiological aspects to the work of the CCMMP, when requested;
  6. To monitor activities at international level of microbiological Risk Management procedures and make appropriate recommendations;
  7. To identify and prioritize microbiological hazards relevant for the safety of milk and milk products and for which Risk Assessments are needed and to consider Risk Management options upon such information;
  8. To develop guidelines for appropriate microbiological hygiene management for application at relevant stages of the food chain,
  9. To review the Codex Code of Ethics,
  10. To consider the special problems of quality and hygiene of ewes and goats milk and milk products,

The Standing Committee has, on behalf of IDF, the main responsibility for adequate monitoring the work of the CCFH and the CCFICS and for providing advice on any implications for the work of other IDF Standing Committees.

#### **PRIORITY ITEMS FOR 2009/2010**

- ***Codex Committee on Food Hygiene (CCFH) items***
- ***Design of microbiological control systems in dairy production***
- ***Protocol for Measurement of Heat Resistance in Bacteria***

#### **WORK PROGRAMME**

**PRIORITY Work item** ***Protocol for Measurement of Heat Resistance in Bacteria***

**Purpose/explanation** Establishment of harmonized protocol of heat resistance measurement at the laboratory level and validation at the pilot-plant or industrial scale level, especially when international attention can be focused on potentially emerging hazards such as MAP. It will also enable IDF to establishing guidance in this field.

<b>Responsible</b>	R Condron (AU) - Action Team leader, O Cerf (FR), G Daniels (CA), A Geeraerd (BE), M Griffiths (CA), V Juneja (US), E S Komorowski (GB), N Kumar (IN), B Lombard (FR), R K Malik (IN), P McClure (GB), L Pearce (NZ), R Rademaker (NL), J Shepherd (NZ)
<b>Expected final result</b>	Publication in the Bulletin of IDF
<b>Target date</b>	2010
<b>Approval category</b>	(c) Standing Committee on Microbiological Hygiene
<b>Current activities and next targets</b>	The revised draft will be circulated in the forthcoming weeks.
<b>PRIORITY Work item</b>	<b><i>Design of microbiological control systems in dairy production</i></b>
<b>Purpose/explanation</b>	This work was part of and is closely related to the recently completed work on Codex Code of Hygienic Practice for Milk and Milk Products. Discussion about the implementation of the new approach in relation to Food Safety Objectives (FSO) across the whole chain indicated that it might be useful to demonstrate/showcase examples to change the costly and very prescriptive approach by some retailer organizations and traditional codes of practices. There is an opportunity to introduce the approach in stages to different parts of the chain starting with governments and moving to customer/supplier relationships. The concept involves the whole industry (including feed production) to contribute to the same FSO and involves industry responsibility rather than government to establish Performance Objectives and steps.
<b>Responsible</b>	C Heggum (DK) – Action Team leader, O Cerf (FR), R Condron (AU), C Mc Crindle (ZA), M Sanaa (FR), D Schumacher (NZ), J Shepherd (NZ),
<b>Expected final result</b>	Publication of concept paper on FSOs and POs and of an IDF Monograph
<b>Target date</b>	To be determined – Depending on progress in Codex
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	The <i>Concept paper on future developments for food safety management: Food Safety Objective (FSO) &amp; Performance Objective (PO)</i> has been published in the Bulletin of IDF 392/2004. Initiation of work on the next step - drafting an IDF monograph on design of control systems in dairy production – is now timely, with publication of CODEX Guidance on Microbiological Risk Management Metrics to the Principles and Guidelines for the Conduct of Microbiological Risk Management and CODEX Guidance for Validation of Food Safety Control Measures. The AT will develop the monograph and make progress on recommendations coming out of the Bali symposium.
<b>Work item</b>	<b><i>Surveillance of relevant information and reporting of emerging hazards associated with milk and milk products</i></b>
<b>Purpose/explanation</b>	Continuous monitoring and reporting of hazards of potential concern to the dairy sector
<b>Responsible</b>	R Byrne (US) – Action Team leader, R Condron (AU), E Komorowski (GB), J Seifert (IDF), M Tucci (IDF), J Vignal (CH).
<b>Expected final result</b>	Reports to the Standing Committee and National Committees
<b>Target date</b>	Continuous
<b>Approval category</b>	(a) – IDF National Committees (in case of planned submission or publication)
<b>Current activities and next targets</b>	The Action Team is monitoring on-going developments in relation to <i>M. avium spp paratuberculosis</i> (MAP), <i>Listeria</i> and <i>E. sakazakii</i> and will advise SCMh in case action needs to be taken.
<b>Work item</b>	<b><i>Revision of the Code of Ethics for International Trade in Foods</i></b>
<b>Purpose/explanation</b>	Monitor the discussion in Codex (CCGP) with respect to the Revision of the Code of Ethics for International Trade in Foods
<b>Responsible</b>	IDF Observers to CCGP
<b>Expected final result</b>	Establishment of a revised Code of Ethics for International Trade in Foods
<b>Target date</b>	To be determined – depending on progress in Codex
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	At its last session, the CAC agreed to advance the Draft Code of Ethics for International Trade in Foods to step 5. IDF will monitor the progress.

## WORK ITEMS UNDER CONSIDERATION

<b>Work item</b>	<b><i>Significance of Shiga-toxigenic E coli in dairy production</i></b>
<b>Purpose/explanation</b>	Shiga-toxin producing E.coli (STEC) O157:H7 has been identified as an emerging pathogenic bacterium in different foods of animal origin. IDF has already published a review on “E. coli O157:H7: Aspects of concern to the dairy industry” in Bulletin of the IDF 357, in 2000. Other non-O157 STEC have also been identified. The objective is to update the knowledge on STEC as regards the contamination and evolution of STEC in dairy products, the ongoing debate on the definition of pathogenic strains, the public health significance of the presence of different serotypes of STEC in dairy products and the available analytical methods and control measures.
<b>Responsible</b>	C Farrokh (FR) – AT leader, O. Cerf (FR), L.Pearce (NZ), R.Condron (AU)
<b>Expected final result</b>	IDF Bulletin
<b>Target date</b>	End 2010
<b>Approval category</b>	a) IDF National Committees
<b>Current activities and next targets</b>	New Work Item to be approved by IDF National Committees
<b>Work item</b>	<b><i>Update on M Paratuberculosis</i></b>
<b>Purpose/explanation</b>	Update the available information on paratuberculosis by reviewing the IDF publications, provide an update, and determine where this update should be published.
<b>Responsible</b>	R Byrne (US) – AT leader, R Condron (AU), Ocerf (FR), L Pearce (NZ), E Komorowski (GB)
<b>Expected final result</b>	TBD
<b>Target date</b>	TBD
<b>Approval category</b>	TBD
<b>Current activities and next targets</b>	New Work item proposal to be circulated to SCMH members

**LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Animal Health	J Vignal (CH)
Farm Management	C Heggum (DK)
Dairy Science and Technology	IDF Head Office
Analytical Methods for Dairy Microorganisms	R Lodi (IT)
Harmonization of Microbiological Methods	R Lodi (IT)
Residues and Chemical Contaminants	R Byrne (US)

**LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**Liaisons ensured via IDF Head Office

World Health Organization (WHO)  
 Food and Agriculture Organization of the United Nations (FAO)  
 Codex Committee on Food Hygiene (CCFH)  
 Codex Committee on Milk and Milk Products (CCMMP)  
 Codex Committee on General Principles (CCGP)  
 Codex Committee on Food Inspection and Certification Systems (CCFICS)

[Go to Table of Contents](#)

<b>Standing Committee on Residues and Chemical Contaminants</b>
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**Chair** Helen Dornom (AU) since 18 September 2005  
**Deputy Chair** Koenraad Duhem (FR) since 18 September 2005

**OBJECTIVES**

With the object of:

1. To identify those residue and chemical contaminant issues that are, or have the potential to be, important to a major part of the world dairy industry.
2. To provide whenever possible technical data and expertise on issues considered.
3. To develop proposals for the management that could include such things as control, communication, monitoring, legislation of those issues, based on a hazard analysis approach i.e.:
  - What's the hazard?
  - What's the risk?
  - How do we control it?
  - How do we verify control?
 The hazards/risks involved are:
  - public health
  - frequency of occurrence
  - commercial risk (includes reputation/public perception).
4. To assist Codex to adopt technically correct and feasible Codex standards, codes and guidelines on residues and chemical contaminants.
5. To advise the dairy sector about the implications, control or elimination, of residues and chemical contaminants.

**PRIORITY ITEMS FOR 2009/2010**

- ***Integrated control of veterinary drugs in the dairy chain***
- ***Contaminants questions from CCCF, CCMMP, CCRVDF and CCPR***

**WORK PROGRAMME**

<b>PRIORITY Work item</b>	<b><i>Contaminants questions from CCCF, CCMMP, CCRVDF and CCPR</i></b>
<b>Purpose/explanation</b>	Monitor the discussions in CCCF, CCMMP, CCPR and CCRVDF, advise the Standing Committee on Residues and chemical contaminants on matters of relevance and draft IDF input as requested or needed
<b>Responsible</b>	CCCF, CCPR – IDF Head Office, CCMMP – C Heggum (DK), CCRVDF – R Byrne (US)
<b>Expected final result</b>	Monitoring in a continuous way, prepare IDF draft submissions to Codex as requested or needed, collect data on contaminants of concern
<b>Target date</b>	Continuous
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	The IDF Observers report to CCCF has been circulated. IDF had submitted comments to the CCRVDF working groups but was not able to participate to the CCRVDF meeting. The CCRVDF report is available. The revision of the Preamble of the General Standard for Contaminants and Toxins in Foods (GSCTF), under the work of the CCCF has been adopted at the last CAC at step 5/8.
<b>PRIORITY Work item</b>	<b><i>Integrated control of veterinary drugs in the dairy chain including IDF input to Codex Task Force on Antimicrobial Resistance</i></b>
<b>Purpose/explanation</b>	To co-ordinate approach within IDF to the issue of antimicrobial resistance, to consider the risk management and control of veterinary drugs, taking a whole chain approach. Herd health measures, breeding for resistance, etc all need to be considered, not just antibiotic use. Currently, this issue is covered in part by Codex (Antimicrobial Resistance work, Guide for Regulatory Programs, Animal Feeds) and OIE (Guidelines on Prudent Use of Antimicrobial Agents).
<b>Responsible</b>	H Dornom (AU) – Action Team leader, R Byrne (US), M Danielsen (DK), JM Diserens (CH), V Gaudin (FR), R Hall (NZ), T Honkanen-Buzalski (FI), K Knapstein (DE), V Myllys (FI), W Reybroeck (BE), W Shaeren (CH), J Tsaknis (GR), H van den Bijgaart (NL), L Verzeznassi (CH), J Vignal (CH).
<b>Expected final result</b>	Prudent Use Guide to Integrated Control of Veterinary Drugs in the Dairy Chain
<b>Target date</b>	February 2010

<b>Approval category</b>	Depending on the final result: (b) – IDF Programme Coordination Committee or (a) – IDF National Committees
<b>Current activities and next targets</b>	The work on the Guide to Integrated Control of Veterinary Drugs in the Dairy Chain has been dormant but will be reactivated with a meeting during the IDF WDS in Berlin. TF AMR 2009: The next meeting will be held 12-16/10/2009 in Korea.

<b>Work item</b>	<b><i>Mycotoxins</i></b>
<b>Purpose/explanation</b>	Revision of relevant chapter of IDF Monograph on Residues and Contaminants in Milk and Milk Products (Special Issue 9701) including introduction of HACCP-concept, preventive measures in the forefields, inclusion of metabolites and detoxification in vivo and in the feed supply and worldwide legislation on mycotoxins in food and feed
<b>Responsible</b>	IDF Head Office
<b>Expected final result</b>	Publication by IDF
<b>Target date</b>	End 2009
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	The revised draft has been approved for publication by IDF National Committees. Comments received will be integrated and the paper will be published in the Bulletin of IDF.

<b>Work item</b>	<b><i>Promoting the development of Integrated Chain Management for food safety in the dairy production chain</i></b>
<b>Purpose/explanation</b>	To attune the precautionary (safety) measures of the industrial and trade branches upstream the dairy sector to the required level of quality and hygiene of the final dairy products.
<b>Responsible</b>	Action Team leader to be determined, H Dornom (AU), K Duhem (FR), C Heggum (DK), A Saylor (US), M Tajkarimi (IR)
<b>Expected final result</b>	Common policy papers and joint actions with the international private bodies involved.
<b>Target date</b>	To be determined
<b>Approval category</b>	(c) Standing Committees involved
<b>Current activities and next targets</b>	A discussion paper has been presented at the last meeting, and has been proposed for comments to SCRCC. This will be discussed at the next meeting, integrating the current work being handled by the TF on Inventory of methods and procedures to monitor the integrity of supplier's milk.

#### **LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Analytical Methods for Additives and Contaminants	H van den Bijgaart (NL)
Animal Health	IDF Head Office
Environment	IDF Head Office
Microbiological Hygiene	IDF Head Office

#### **LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

##### Liaisons ensured by IDF Head Office

Codex Committee on Contaminants in Foods (CCCF)  
Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF)  
Codex Committee on Pesticide Residues (CCPR)

[Go to Table of Contents](#)

***Task Force on Inventory of methods and procedure to monitor the integrity of supplier's milk***

**Chair** Claus Heggum (DK), since November 2008

**OBJECTIVES**

(i) to establish an IDF inventory of various means (tools, procedures, methods, including screening techniques for rapid identification of possible adulteration or contamination, and secondly confirmatory testing) that are internationally recognized as effective and appropriate, either individually or in combination, to indicate systematic adulteration of suppliers' milk and from which the dairy sector can select, depending on the specific local need.

**WORK PROGRAMME**

<b>Work item</b>	<b><i>Inventory of methods and procedure to monitor the integrity of supplier's milk</i></b>
<b>Purpose/explanation</b>	Development of guidelines
<b>Responsible</b>	C Heggum (DK) – Chair of Task Force, Members: D Bisgaard Oldrup (DK), R Bouchard (CA), P Broutin (FR), R Byrne (US), R Condron (AU), S Dabirian (IR), H Dornom (AU)", S Holroyd (NZ), S Kold-Christensen (DK), M Place (FR), J Romero (US), T Rumney (NZ), P Sauvé (CA), G Scott (NZ), H Van Den Bijgaart (NL), P Zbinden (CH).
<b>Expected final result</b>	Publication of guidelines in an IDF Bulletin
<b>Target date</b>	December 2009
<b>Approval category</b>	(a) – IDF National Committees
<b>Current activities and next targets</b>	The result of the work of the TF will be presented to IDF members at the World Dairy Summit in Berlin, and will then be published in an IDF Bulletin.

**LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Residues and Chemical Contaminants	IDF Head Office
Microbiological Hygiene	IDF Head Office
Methods Standards Steering Group	IDF Head Office

[Go to Table of Contents](#)

## **WORKING AREA OF TECHNOLOGY AND ENVIRONMENT**

### ***Standing Committee on Dairy Science and Technology***

**Chair** Phil Kelly (IE) since 1 October 2007  
**Deputy Chair** Marie A. Paulsson (SE) since 1 October 2007

#### **OBJECTIVES**

With a view to informing the dairy sector and facilitating the flow of dairy technology related information for its benefit by reviewing, and reporting on and by initiating new solutions developments and their implications:

To consider

1. Technological and scientific aspects of processing, packaging, storage and distribution, as related to the quality and characteristics of milk and milk products;
2. Technological and functional aspects of dairy ingredients in the food and dairy industry;
3. Technological aspects of processing milk of species other than the cow (genus *Bos*).
4. Dairy science and technology aspects of special relevance to countries with an emerging dairy industry.
5. Maintaining relations with international and regional organizations, such as, ISO, EHEDG, 3-A, on behalf of the dairy sector in relation to dairy manufacturing procedures;
6. Maintaining contact with other IDF Standing Committees with regard to dairy technology, dairy information and knowledge transfer, for example, Dairy policies and economics, Environment, Farm management, Microbiological hygiene, etc on the implications of their findings in the context of dairy technology

#### **PRIORITY ITEMS FOR 2009-2010**

- ***IDF Symposia on Science and Technology of Fermented Milk and Microstructure in June 2010, Tromsø, Norway***
- ***Development of concept of IDF DST webinars***
- ***Development of outlines for new IDF events***

#### **WORK PROGRAMME**

<b>PRIORITY Work item</b>	<b><i>IDF Symposium on Science and Technology of Fermented Milk, 7-9 June 2010, Tromsø, Norway (Fermented milks functional cultures, processing, control and health aspects)</i></b>
<b>Purpose/explanation</b>	To develop a symposium on fermented milks, dedicated to Mechanisms behind the effects of functional cultures, Combinations of pre- and pro-biotics, Formations of texture and sensory properties of low fat fermented milk – including release of flavour components, Interaction with hydrocolloids, Process monitoring and control, as a continuation of the work of the former AT on Rheology and structure of Fermented milks.
<b>Responsible</b>	S Evavold (NO) – Action Team Leader, F Dellaglio (IT), J Hakansson (SE), R Lodi (IT), S Marschnig (CH), E Matthiasson (IS), J Narvhus (NO), P Schkoda (CH), N Shah (AU), P Silfverberg (FI), J van Hylckema Vlieg (NL), E Waak (SE)
<b>Expected final result</b>	Symposium with publication of proceedings
<b>Target date</b>	7-9 June 2010
<b>Approval category</b>	(c) - IDF Standing Committee on Dairy Science and Technology
<b>Current activities and next targets</b>	More information on <a href="http://www.idffer2010.no/">http://www.idffer2010.no/</a> The first announcement is available. Scientific papers will be published collectively in a peer-review dairy science journal with high impact factor. The IDF Head Office is in the process of exploring the feasibility of launching the "IDF Elie Metchnikoff Prize 2010", similarly to the award of 2007, in the course of the next couple of months. The award ceremony could take place in conjunction with the IDF Symposium on Science and Technology of Fermented Milk in Tromsø next year.
<b>PRIORITY Work item</b>	<b><i>IDF Symposium on Microstructure of Dairy Products, 9-11 June 2010, Tromsø, Norway (Microstructure of dairy products)</i></b>
<b>Purpose/explanation</b>	To increase the understanding of the sensory perception and functionality of dairy products with an event, disseminating results and presenting state of the art, within microstructural research in the field of dairy, by combination of methods, from molecular/nano to product level – as well as the resulting functionality and sensory perception of these structures.

<b>Responsible</b>	U Andersen (DK) – Action Team Leader, (DK), M Auty (IE), K Dewettinck (BE), D Everett (NZ), C Guyot (DE), J Havranek (HR), R Ipsen (DK), F Møller (DK), M Paulsson (SE), F van de Velde (NL), M Veleva (FR)
<b>Expected final result</b>	Symposium with publication of proceedings
<b>Target date</b>	9-11 June 2010
<b>Approval category</b>	(c) - IDF Standing Committee on Dairy Science and Technology
<b>Current activities and next targets</b>	More information on <a href="http://www.idfmic2010.no/">http://www.idfmic2010.no/</a> First announcement is available. Scientific papers will be published collectively in a peer-review dairy science journal with high impact factor.
<b>Work item</b>	<b><i>IDF World Dairy Summit Berlin (DE) in September 2009 – dairy science and technology conference</i></b>
<b>Purpose/explanation</b>	To establish the programme of the dairy science and technology conference
<b>Responsible</b>	U Kulozik (DE) – leader, M Corredig (CA), J Hinrichs (DE), P Jelen (CA), A Juriaanse (NL), G Smithers (AU), M Te Giffel (NL)
<b>Expected final result</b>	Conference with publication of proceedings
<b>Target date</b>	September 2009
<b>Approval category</b>	(c) - IDF Standing Committee on Dairy Science and Technology
<b>Current activities and next targets</b>	The final programme is available at <a href="http://www.wds2009.com/index.php?id=48&amp;L=1">http://www.wds2009.com/index.php?id=48&amp;L=1</a>
<b>Work item</b>	<b><i>IDF World Dairy Summit Auckland (NZ) in November 2010 – dairy science and technology conference</i></b>
<b>Purpose/explanation</b>	To establish the programme of the dairy science and technology conference
<b>Responsible</b>	D Everett (NZ) – leader, P Paquin (CA), P Kelly (IE), S Lortal (FR)
<b>Expected final result</b>	Conference with publication of proceedings
<b>Target date</b>	November 2010
<b>Approval category</b>	(c) - IDF Standing Committee on Dairy Science and Technology
<b>Current activities and next targets</b>	The AT has been set up to provide input for the programme of the conference.
<b>Work item</b>	<b><i>6th IDF International Symposium on Sheep and Goats Milk - Science, Technology, Production and Nutrition, Athens (GR), first half of year 2011</i></b>
<b>Purpose/explanation</b>	The general objective of the symposium is to give a renewed vision of knowledge on husbandry and milk production, technology, chemistry, physics, microbiology, nutrition etc, without losing sight of the significance of markets and appropriate policies, as they have evolved since 2007, to scientists and other professionals involved in the sheep and goats dairy sectors (milk producers, dairy industry, trade associations, academia, research institutes, government). The symposium will consist of sessions devoted to the subject areas mentioned above, each with speakers invited by the Programme Committee to present a major review paper and, possibly, additional speakers selected from among those who offer to do so. It will last three days. Poster sessions will also be provided for to complement the oral sessions and to permit a larger number of specialists to present the result of their work in this field.
<b>Responsible</b>	C Kehagias (GR) – Chair of Programme Committee, M Abd El-Salam (EG), E Alichanidis (GR), G Moatsou (GR), S Orlandini (IT), D Papageorgiou (GR), A Pirisi (IT), G Psathas (CY), M Renobales (ES), A Rosati (IT) J Seifert (IDF), Y Soustre (FR), E Tsakalidou (GR)
<b>Expected final result</b>	Symposium with publication of proceedings
<b>Target date</b>	2011
<b>Approval category</b>	(c) - IDF Standing Committee on Dairy Science and Technology (dairy science and technology related part of the programme)
<b>Current activities and next targets</b>	<a href="http://idsheepgoatmilk2011.aua.gr/">http://idsheepgoatmilk2011.aua.gr/</a> - the event will be embedded in an IDF Dairy Science and Technology Week 2011, including meeting of the SC on Dairy Science and Technology The presentation of work regarding milk of all milking animal species other than cow will be stimulated with the programme currently under development. The following general timetable has been proposed: - registration on May 15h 2011 in the afternoon, - two full days symposium on 16 and 17 of May 2011 - optional technical tours on 18 May 2011

<b>Work item</b>	<b><i>IDF International Symposium on Cheese Ripening and Technology / IDF Dairy Science and Technology Week 2012, Madison, Wisconsin (USA), 20-24 May 2012</i></b>
<b>Purpose/explanation</b>	To establish the programme of a 3 day symposium, with poster sessions each day, + 1 day of technical tour(s), program focus areas related to cheese ripening and technology: <ul style="list-style-type: none"> <li>• Flavor development</li> <li>• Functionality and physical properties</li> <li>• Health and wellness opportunities</li> </ul> Including, but not necessarily limited to, research in the areas of proteolysis, lipolysis, microbial ecology, cheese metabolism/catabolism, cheese-make technologies, membrane technology, sensory evaluation, cheese safety, and gene expression.
<b>Responsible</b>	R Bishop (US) - Chair, C Benfeldt (DK), Y Ardö (DK), U Bütikofer (CH), J Broadbent (US), S Lortal (FR), J Lucey (US), P McSweeney (IE), C Pelaez (ES), D Roy (CA), S Skeive (NO), J Wouters (NL), t.b.d. (NZ)
<b>Expected final result</b>	Symposium with publication of proceedings
<b>Target date</b>	2012
<b>Approval category</b>	(c) - IDF Standing Committee on Dairy Science and Technology
<b>Current activities and next targets</b>	The organizers presented the venues, and the first outline of the programme at the last SCDST meeting.
<b>PRIORITY Work item</b>	<b><i>Development of IDF DST webinars</i></b>
<b>Purpose/explanation</b>	Organize webinars to establish IDF positions on dairy science and technology issues in the format of fact sheets.
<b>Responsible</b>	P Paquin (CA)
<b>Expected final result</b>	webinars
<b>Target date</b>	Continuous
<b>Approval category</b>	c) IDF Standing Committee on Dairy Science and Technology
<b>Current activities and next targets</b>	IDF HO will investigate into technical facilities needed. The topic of "Impact and technology level of modification of lipid composition in dairy products " was proposed as a possible subject for a first webinar.
<b><i>Work items under consideration</i></b>	
<b>Work item</b>	<b><i>IDF International Symposium on Recombination</i></b>
<b>Purpose/explanation</b>	Continuation of a series of very successful IDF events
<b>Responsible</b>	t.b.d.
<b>Expected final result</b>	Symposium with publication of proceedings
<b>Target date</b>	2011
<b>Approval category</b>	(c) - IDF Science and Programme Coordination Committee
<b>Current activities and next targets</b>	Draft proposal to be presented for the next meeting of SCDST in Berlin
<b>Work item</b>	<b><i>IDF/INRA International Symposium on Spray Dried Dairy Products –Saint-Malo, France, June 2012</i></b>
<b>Purpose/explanation</b>	To develop the programme of joint IDF/INRA symposium, possibly hosted in France
<b>Responsible</b>	P Schuck (FR)
<b>Expected final result</b>	Symposium with publication of proceedings
<b>Target date</b>	t.b.d. – 3 days between 19-22 June 2012
<b>Approval category</b>	(c) - IDF Science and Programme Coordination Committee
<b>Current activities and next targets</b>	Discussion item for the next meeting of SCDST in Berlin
<b>Work item</b>	<b><i>IDF Symposium on Non-thermal processes</i></b>
<b>Purpose/explanation</b>	To develop the programme of stand-alone IDF symposium, possibly hosted in Australia
<b>Responsible</b>	P Roupas – leader TBC, G Smithers( AU), P Paquin (CA), Petr Dejmeek (SE). More members are welcome.
<b>Expected final result</b>	Symposium with publication of proceedings
<b>Target date</b>	t.b.d. – possibly 2012
<b>Approval category</b>	t.b.d.

**Current activities and next targets** Discussion item for the next meeting of SCDST in Berlin

<b>Work item</b>	<b><i>IDF event related to whey/permeate topic from a milk ingredients perspective</i></b>
<b>Purpose/explanation</b>	To develop the programme of stand-alone IDF symposium, possibly hosted in Brazil
<b>Responsible</b>	t.b.d.
<b>Expected final result</b>	Symposium with publication of proceedings
<b>Target date</b>	t.b.d. – possibly 2012/2013
<b>Approval category</b>	t.b.d.
<b>Current activities and next targets</b>	Discussion item for the next meeting of SCDST in Berlin

#### **LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Environment	I Coldewey (DE)
Microbiological Hygiene	IDF Head Office
Analytical Methods for Processing Aids and Indicators	IDF Head Office
Nutrition and Health	IDF Head Office
Standards of Identity	IDF Head Office

#### **LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

Food and Agricultural Organization of the United Nations  
CIRVAL, CIHEAM

[Go to Table of Contents](#)

<b>Standing Committee on Environment</b>
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**Chair** Brian Lindsay (UK) since 30 September 2007  
**Deputy Chair** Sophie Bertrand (FR) since 30 September 2007

**OBJECTIVES**

With the object of reporting to the dairy sector on developments concerning the environment (effects of the environment on milk and milk products, effects on the environment of dairying as an economic activity):

To consider:

1. Energy consumption in milk production and in processing of milk and dairy products;
2. Environmental issues on dairy farms;
3. Noise control in dairy plants;
4. Water and waste water treatment and reuse
5. Disposal of packaging and other waste from dairy plants;
6. Other concerns related to the environment;
7. Prevention of waste and pollution;
8. Best available techniques related to the environment;
9. Maintaining contact with other Standing Committees, for example, Residues and chemical contaminants, Dairy policies and economics, Farm management, Dairy science and technology, Microbiological hygiene, etc on the implications of their findings for the environment;
10. Maintaining relations with other international bodies, intergovernmental and non-governmental, on behalf of the dairy sector in the area of environment;

**PRIORITY ITEMS FOR 2009/2010**

- *Life Cycle Analysis / Life Cycle Management and Carbon Footprint in the Dairy Sector*
- *IDF input to finalization of FAO work on Quantifying Greenhouse gas emissions from animal food chains*
- *new IDF sustainability website including scientific-technically correct and validated fact sheets on carbon footprint, effluent treatment and removal of salts and other sustainability issues*

**WORK PROGRAMME**

<b>Work item</b>	<b><i>Environmental issues at farm level</i></b>
<b>Purpose/explanation</b>	The aim of the new work will be to identify the environmental issues at the farm level and then to conduct an overview of the environmental issues specific to different countries or regions. This will then be followed by an analysis of the environmental impacts and the responses to these impacts of individual countries.
<b>Responsible</b>	S Bertrand (FR) – AT leader, J Barnett (NZ), F Brenmuhl (NZ), I Coldewey (DE), S Lodge (NZ), D Massé (CA), S Poupoulis (GR), M Preidl (DE)
<b>Expected final result</b>	Publication in IDF Bulletin and/or half day workshop at one of the forthcoming IDF World Dairy Summits
<b>Target date</b>	2009
<b>Approval category</b>	(a) - IDF National Committees
<b>Current activities and next targets</b>	The workshop was held during the IDF World Dairy Summit Dublin (IE) on the 4 October 2007. The final IDF draft Bulletin has been circulated for IDF member comment and endorsement in July 2009. The work is shortly before completion.
<b>Work item</b>	<b><i>Effluent treatment and Removal of salts</i></b>
<b>Purpose/explanation</b>	Prepare a working document for dairy plant managers and engineers to aid them in processing strategies to obtain an effluent that will meet irrigation standards.
<b>Responsible</b>	J Barnett (NZ) AT Leader, T Bamford, (NZ), R Bertsch (DE), R Peters (CA)
<b>Expected final result</b>	Workshop and subsequent proceedings
<b>Target date</b>	2008
<b>Approval category</b>	(a) - IDF National Committees
<b>Current activities and next targets</b>	The AT will provide draft fact sheets on the subject for publication on the IDF website. The work is shortly before completion.

<b>Work item</b>	<b><i>Dust emissions from dairy plants</i></b>
<b>Purpose/explanation</b>	Emissions to air are becoming more important in many IDF countries within environmental regulations. For many dairies in these countries the regulations have been increased in the past. Air emissions are also produced by dairy processing plants, mostly in milk or whey powder plants or boiler houses. In IDF countries different technologies are used to reduce these emissions. So the first step of this new work item will be an exchange of experiences in this field. The main focus should be on dust emissions of powder particles. Background is the relatively strict limitation of dust emissions from milk and/or whey powder production plants in Europe.
<b>Responsible</b>	R Bertsch (DE) – AT Leader, J Barnett (NZ), K Leov (NZ), R Peters (CA), J Turowski (PL)
<b>Expected final result</b>	Publication in IDF Bulletin and/or half day workshop at one of the forthcoming IDF World Dairy Summits
<b>Target date</b>	2009
<b>Approval category</b>	(a) - IDF National Committees
<b>Current activities and next targets</b>	The second part of the sustainability and environment conference at the World Dairy Summit in Berlin 2009 will feature presentations about air emissions at manufacturing level. The work is shortly before completion.
<b>Work item</b>	<b><i>Life Cycle Analysis / Life Cycle Management and Carbon Footprint in the Dairy Sector</i></b>
<b>Purpose/explanation</b>	Publication of a Guide on Life Cycle Management in the Dairy Chain in 2010, with international recognition and endorsement provided by the leading UN-agencies on agriculture and food production (FAO) and environment (UNEP) - preferably as a joint IDF/FAO/UNEP document
<b>Responsible</b>	S Bertrand (FR) – AT leader, J Barnett (NZ), PR Darlington (GB), J-B Dolle (FR), O Durmus (BE), A Flysjö (DK), C Foster (GB), JD Johannesen (DK), P Kyuhyun (KR), B Lindsay (GB), S Lundie (AU), D Massé (CA), A-K Modin Edman (SE), R Naczi (US), T Nicolai (BE), S Paterson (NZ), N Peiren (BE), C Poupoulis (GR), M Preidl (DE), J-P Renaud (SAI), M Sevenster (NL), O Thieme (FAO), G Thoma (US), J Turowski (PL), N van Buuren (AU), T Vellinga (FAO), H Volden (NO), E Wallén (SE), Y Wang (US), PE Ywema (SAI)
<b>Expected final result</b>	Report for IDF publication
<b>Target date</b>	End of 2009
<b>Approval category</b>	(a) - IDF National Committees
<b>Current activities and next targets</b>	A very successful IDF LCA workshop was held in Brussels on 18 & 19 June 2009. During the workshop, 11 experts from various parts of the world presented their work on carbon footprint methodology. There is now broad agreement on the key issues for the establishment of a standard methodology including assessment of the goal and scope of the methodology, the level of details, the functional unit, the key parameters and the calculations rules and uncertainties. The group also identified the remaining work on few outstanding issues for which three specific groups were created to undertake additional research regarding carbon footprint to address buildings and equipment, carbon sequestration and land use change, and allocation choices. Each sub-group will present its findings at the next IDF action team meeting that will take place during the IDF World Dairy Summit in Berlin.
<b>Work item</b>	<b><i>SCENV input to the development of an IDF communication plan with regard to environmental sustainability of the dairy sector (IDF sustainability website)</i></b>
<b>Purpose/explanation</b>	Based on the conclusions and recommendations from the meanwhile disbanded IDF Brainstorming Task Force on Establishment of an IDF Work Programme related to Sustainability with regard to Environment, SCENV has taken charge of the development of contents for an IDF Sustainability website and subject related communications
<b>Responsible</b>	J Barnett (NZ)– AT Leader, S Bertrand (FR), H Dornom (AU), M Preidl (DE), C Plymnesser (US, liaison with SCM)
<b>Expected final result</b>	IDF sustainability website with continuous up-dating, IDF press releases and other communication
<b>Target date</b>	Continuous
<b>Approval category</b>	Depending on the output: (a) - IDF National Committees or (c) – SC on Environment

<b>Current activities and next targets</b>	The new IDF sustainability website is under construction, a first set of proposed fact sheets has been circulated for comment and endorsement to IDF members and SCENV experts
<b>Work item</b>	<b>IDF liaison matters with ISO TC 207 on environmental management and its subcommittees</b>
<b>Purpose/explanation</b>	To monitor on-going developments at ISO TC 207 and its subcommittees on Environmental labelling, Environmental performance evaluation, Life cycle assessment and Greenhouse gas management and related activities and to ensure timely and validated IDF input to the respective work of ISO TC 207.
<b>Responsible</b>	J Barnett (NZ) – AT Leader, J Seifert (IDF)
<b>Expected final result</b>	New and/or revised ISO standards pertaining to environmental management
<b>Target date</b>	Continuous
<b>Approval category</b>	Depending on the type of input to ISO TC 207: (a) - IDF National Committees or (c) – SC on Environment
<b>Current activities and next targets</b>	ISO members have voted favourably on the IDF applications for formal “type-A” liaison status with identified four ISO TC 207 subgroups. IDF has already submit technical input to ISO Working Draft "ISO/WD.1 14067 Carbon Footprint of products - Part 1: Quantification" currently under development.
<b>Work item</b>	<b>IDF liaison with FAO Project on <i>Quantifying Greenhouse gas emissions from animal food chains - Development of a quantification model using the Life Cycle Analysis approach</i></b>
<b>Purpose/explanation</b>	To monitor on-going developments and to ensure timely and scientific-technically sound input to the on-going FAO project. FAO has committed to developing a robust and user-friendly model and the associated database to estimate and compare GHG emissions in livestock production chains. Following request from IDF, the first priority objective of the project is to present a breakdown of the figure of 18% for the livestock sector (FAO livestock’s long shadow of 2006) by different sub-sectors and to provide a FAO reference figure for GHG emissions for global milk production. The estimates will be further disaggregated by main farming systems and regions. The FAO project is largely sponsored by the IDF sustainability fund.
<b>Responsible</b>	S Bertrand (FR) & J-R Renaud (FR) – IDF representatives at the FAO Project Steering Group, J Seifert (IDF)
<b>Expected final result</b>	FAO reports
<b>Target date</b>	2009 / 2010
<b>Approval category</b>	Depending on the type of input: (a) - IDF National Committees or (c) – SC on Environment
<b>Current activities and next targets</b>	Preliminary results indicate that land use and land use change, manure management and enteric fermentation are by far the largest contributors to greenhouse gas emissions. Furthermore both on- and off-farm emissions will be included. The FAO plan is to provide to IDF, for review and comment by IDF members and experts, a draft report in mid-September 2009 with a deadline for comments to be returned to FAO by the end of September 2009. The Guiding Group of the project will review and comment on the scientific quality of the report. The final technical report on the GHG emissions of the dairy sector will be provided to IDF in October 2009. The results of the dairy sector analysis will also be included in the final FAO report that will introduce the results of the complete life cycle analysis of green house gas emissions related to the entire animal sector. This report is expected to be published in early 2010. FAO will report on progress during the IDF World Dairy Summit Berlin 2009 conference on Sustainability and Environment.
<b>Work item</b>	<b>IDF World Dairy Summit Auckland (NZ) in November, 8-11 November 2010 – environment conference</b>
<b>Purpose/explanation</b>	Establishment of conference programme
<b>Responsible</b>	J Barnett (NZ)
<b>Expected final result</b>	Conference programme
<b>Target date</b>	November 2010
<b>Approval category</b>	(c) – SC on Environment

**Current activities and next targets**

Progress in hand will be reported at the meeting of SCENV in Berlin on 20 September 2009, visit also: <http://www.wds2010.com>

**LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Farm Management	J W Barnett (NZ)
Dairy Science and Technology	I Coldewey (DE)
Microbiological Hygiene	IDF Head Office

**LIAISONS WITH INTERNATIONAL ORGANIZATIONS**

Food and Agricultural Organization of the United Nations (FAO) – IDF Head Office

United Nations Environment Programme (UNEP) – IDF Head Office

Sustainable Agriculture Initiative (SAI) Platform Dairy Group – IDF Head Office & B Lindsay (GB)

International Organization for Standardization, ISO TC 207 on Environmental Management and its subcommittees – J Barnett (NZ) & IDF Head Office

[Go to Table of Contents](#)

## WORKING AREA OF ECONOMICS, MARKETING & POLICIES

### *Standing Committee on Dairy Policies and Economics*

**Chair** Bob Yonkers (US) since November 2008  
**Deputy Chair** Eckhard Heuser (DE) since November 2008

#### OBJECTIVES

With the object of providing the dairy sector with value-added information and analysis of developments in dairy policies and economics:

1. To initiate projects to study developments which, in the broader sense, are likely to influence the dairy situation in the medium perspective and to monitor worldwide market conditions and trends for each dairy product category;
2. To analyse the economic parameters in relation to milk production, processing and marketing;
3. To monitor developments in international trade policies, price support policies, supply management policies and programs designed to encourage the restructuring of milk production, pricing and marketing policies and programs designed to encourage consumption in developed and developing countries. To initiate projects designed to provide economic and statistical information to the member countries of IDF and the world's dairy sector. To disseminate information and promote the interchange of knowledge through symposia, conferences, seminars, Special Addresses, and regular reports to the dairy sector;
4. To maintain relations with other international bodies, at intergovernmental and nongovernmental level, on behalf of the dairy sector in the area of dairy policies and economics;
5. To maintain contact with other Standing Committees, for example, on Farm management, Environment, etc. on the policy and economic implications of their findings.

#### WORK PROGRAMME

##### PRIORITY ITEMS FOR 2009/2010

- *World Dairy Situation report 2010*
- *Economy Conference at IDF World Dairy Summit in Berlin 2009*
- *Economy Conference at IDF World Dairy Summit in Auckland 2010*

<b>Work item</b>	<b><i>World Dairy Situation report 2010</i></b>
<b>Purpose/explanation</b>	Survey of world trade in dairy products (annual) with national comments on trends, etc and other issues of interest
<b>Responsible</b>	To be determined
<b>Expected final result</b>	Issue of Bulletin of IDF
<b>Target date</b>	November 2010
<b>Approval category</b>	(c) – IDF Standing Committee on Dairy policies and economics
<b>Current activities and next targets</b>	Preparation, collection and publication of information for the 2010 issue.

<b>Work item</b>	<b><i>Dairy Farming Production Costs</i></b>
<b>Purpose/explanation</b>	To get an understanding of the different costs of milk production around the world and hence analyse some of the main elements behind the competitiveness of dairy farmers, and thus also indirectly the dairy industry as a whole.
<b>Responsible</b>	T Hemme (DE) – Action Team leader, E Leloup (BE), E Comeron (AR), H Mc Dowell (US), D Gilbert (CA), J McQueen (AU), P Nordgren (SE), L Venter (ZA), G Verkerk (NZ), M Madders (GB)
<b>Expected final result</b>	Event at a future World Dairy Summit and publication of proceedings in the Bulletin of IDF
<b>Target date</b>	Continuous
<b>Approval category</b>	(c) – IDF Standing Committee on Dairy policies and economics
<b>Current activities and next targets</b>	Cooperation with the International Farm Comparison Network (IFCN), which is an international network of scientists, advisors and farmers, is active. A report on progress of the work and expected schedule is made available for each meeting of the Standing Committee.

<b>Work item</b>	<b><i>IDF World Dairy Summit Auckland (NZ) 2010</i></b>
<b>Purpose/explanation</b>	Preparation of the conference programme
<b>Responsible</b>	to be determined in 2009
<b>Expected final result</b>	Conference with publication of proceedings
<b>Target date</b>	November 2010
<b>Approval category</b>	(c) – IDF Standing Committee on Dairy policies and economics
<b>Current activities and next targets</b>	Preparation of the Conference in Auckland 2010

#### LIAISONS WITH OTHER IDF BODIES

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Farm Management	R Schmidt (DE)
Marketing	A Krijger (NL)

#### LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS

##### Organizations invited to nominate members

EUROSTAT: G Mahon

European Dairy Association (EDA): J Kleibeuker (EDA)

Food and Agriculture Organization of the United Nations (FAO): M Cluff (FAO)

International Federation of Agricultural Producers (IFAP): A Gynspan (FR)

Organization for Economic Cooperation and Development (OECD): P Vavra (OECD)

International Farm Comparison Network (IFCN): T Hemme (IFCN)

[Go to Table of Contents](#)

<b>Standing Committee on Marketing</b>
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**Chair** George Davey (AU) since September 2007  
**Deputy Chairs** Ian MacDonald (CA) since June 2008

**OBJECTIVES**

With the object of stimulating new ideas and facilitating exchange of ideas between dairy marketing professionals, the Standing Committee on Marketing shall:

1. Keep under review domestic promotion, and marketing programs which are designed to increase the domestic market for milk and milk products through advertising, sales promotion, consumer education, new or modified product development, consumer research and public relations programs and campaigns;
2. Develop strategies and activities for communication and issues/crisis management that respond to matters of interest or concern affecting dairy products and the dairy industry.
3. Initiate projects designed to disseminate information and promote the interchange of knowledge within the member countries of IDF through conferences/seminars, special addresses and regular reports to the members of IDF;
4. Take advantage of the potential synergy between dairy marketing and dairy policy and economics;
5. Nutrimarketing: In conjunction with the Standing Committee on Nutrition and Health, examine current and new knowledge in dairy nutrition and health and indicate how it can be utilized by the dairy sector to further the image and consumption of milk and milk products and counteract scientifically unjustified information;

**WORK PROGRAMME****PRIORITY ITEMS FOR 2009/2010**

- **International Milk Promotion Group**
- **New Marketing Awards**
- **Marketing conference at IDF World Dairy Summit Berlin 2009**
- **Marketing conference at IDF World Dairy Summit Auckland 2010**

<b>Work item</b>	<b>International Milk Promotion Group (including IMP trophy/annual)</b>
<b>Purpose/explanation</b>	To keep under review domestic promotion and marketing programs which are designed to increase the domestic market for milk and milk products through advertising, sales promotion, consumer education, new or modified product development, consumer research, and public relations programs and campaigns. The Group initiates projects designed to assist cooperation in issues and crises management, and to disseminate information and promote the interchange of knowledge within the member countries of IDF through conferences/seminars, special addresses and regular reports to the Standing Committee
<b>Responsible</b>	I Berg Hauge (NO)
<b>Expected final result</b>	Summary reports to the Standing Committee on Marketing
<b>Target date</b>	Continuous (Annual)
<b>Approval category</b>	(c) – Standing Committee on Marketing
<b>Current activities and next targets</b>	Contribute IMP Trophy presentations at marketing conferences at IDF World Dairy Summits.
<b>Work item</b>	<b>IDF Marketing Awards</b>
<b>Purpose/explanation</b>	IDF Marketing Awards on: 3 Marketing Awards among the following categories: New Product Development, Nutri-marketing, Marketing Communications and Environment
<b>Responsible</b>	I Berg Hauge (NO)
<b>Expected final result</b>	Annual awards on outstanding marketing campaigns
<b>Target date</b>	Continuous with annual milestones
<b>Approval category</b>	(c) – Standing Committee on Marketing

**Current activities and next targets** The intent is to use the Awards to highlight best marketing practise, and activities that have contributed to the achievement of corporate objectives of companies within the dairy industry globally. Entries will be encouraged from dairy processors around the world, with entries being from dairy companies rather than their agencies. Therefore, there will be an onus for each entry to demonstrate management involvement in the submitted entry.

On the assumption that more than three entries are submitted for each category, judges will short list 3 entries, one of which will be the category winner. Poster summaries of all the category entries will be displayed at the WDS; and at the closing banquet the Chairman of SCM will list the 3 finalists in alphabetical order, followed by the announcement of the winner. The winner of each category will receive a trophy.

<b>Work item</b>	<b><i>IDF World Dairy Summit Auckland (NZ) in November 2010 – marketing conference</i></b>
<b>Purpose/explanation</b>	Preparation of the conference programme
<b>Responsible</b>	R Lange (AU)
<b>Expected final result</b>	Conference
<b>Target date</b>	November 2010
<b>Approval category</b>	(c) – IDF Standing Committee on Marketing
<b>Current activities and next targets</b>	The item will be considered during the next meeting of SCM in Berlin

#### **LIAISONS WITH OTHER IDF BODIES**

<b>IDF body</b>	<b>Responsible experts</b>
<u>Standing Committees</u>	
Dairy policies and economics	R Lange (AU)
Nutrition and health	W Pauli (DK)

#### **LIAISONS WITH OTHER INTERNATIONAL ORGANIZATIONS**

EDMF – European Dairy Marketing Forum

[Go to Table of Contents](#)

## WORK ITEMS COMPLETED OR DELETED SINCE 1 SEPTEMBER 2008

IDF Working body	Work item	Reason for removal	
		Work completed	Deletion for another reason
Standing Committee on Animal Health	<i>IDF World Dairy Summit Mexico City (MX) in November 2008 – animal health conference</i>	Work completed with conference held	
	<i>IDF World Dairy Summit Berlin (DE) in September 2009 – animal health conference</i>	Work completed with conference programme finalized	
	<i>Prioritization of the IDF Programme of Work - Future Animal Health Strategy</i>	Work completed at IDF SCAH meeting of March 2009, on-going considerations & regular review will be maintained	
	<i>Issues for the Dairy Industry to consider in the management of an outbreak of Foot and Mouth Disease</i>	Work completed with publication of IDF Bulletin 437/2009 - Effects of Foot-and-Mouth Disease on the Dairy Industry	
	<i>Monitoring infectious diseases (in general)</i>		This monitoring activity is part of the general mandate of SCAH as a regular activity – there is no need for a specific work item
	<i>Monitoring production diseases</i>		This monitoring activity is part of the general mandate of SCAH as a regular activity – there is no need for a specific work item
Standing Committee on Farm Management	<i>IDF Input to OIE/FAO Guidelines on Good Farming Practices</i>	Work completed with OIE publication of the guidelines in OIE Bulletin No. 2008-3 – available at: <a href="http://www.oie.int/eng/publicat/BULLETIN%20PDF/Bull%202008-3-ENG.pdf">http://www.oie.int/eng/publicat/BULLETIN%20PDF/Bull%202008-3-ENG.pdf</a>	
Task Force on Codex Export Certificate for Milk and Milk Products		Work completed with publication of Codex Model Export Certificate for Milk and Milk Products (CAC/GL 67-2008), follow-up work being handled by SCSID	
Standing Committee on Main Components in Milk (renamed SC on Analytical Method for Composition)	<i>Milk fat – Determination of Omega-3 Fatty acid Content by GLC</i>	Work completed with publication of ISO 23065 IDF 211:2009 - Milk fat from enriched dairy products - Determination of omega-3 and omega-6 fatty acid content by gas-liquid chromatography  And its collaborative study in the Bulletin of the IDF 428/2008	
	<i>Determination of Freezing Point of Sheep &amp; Goat Milk (for both species)</i>	Work completed with publication of ISO 5764 IDF 108:2009 - Milk --	

IDF Working body	Work item	Reason for removal	
		Work completed	Deletion for another reason
		Determination of freezing point -- Thermistor cryoscope method (Reference method)	
<b>Standing Committee on Microbiological Methods of Analysis (renamed SC on Analytical Methods for Dairy Microorganisms, and new Sc on Harmonisation of Microbiological Methods)</b>	<b><i>Method to Determine Probiotic Functionality</i></b>	Work completed by publication of Bulletin 429/2008 'Physiological and functional properties of probiotics'	
	<b><i>Measurement of Acidification Activity of Lactic Acid Bacteria in Milk by Continuous Measurement of pH (CpH)</i></b>	Work completed with the publication of ISO 26323 IDF 213:2009 - Milk products - Determination of the acidification activity of dairy cultures by continuous pH measurement (CpH)	
	<b><i>Milk and Milk Products – Enumeration of Pseudomonas spp</i></b>	Work completed with the publication of ISO/TS 11059 IDF/RM 225 Milk and Milk Products – Enumeration of <b>Pseudomonas spp.</b>	
	<b><i>Dried Milk – Enumeration of the Spores of Thermophilic Bacteria</i></b>	Work completed with the publication of ISO/TS 27265 IDF/RM 218	
<b>Standing Committee on Minor Components &amp; Characterization of Physical Properties (renamed SC on Analytical Methods for Processing Aids and Indicators)</b>	<b><i>Milk and Milk Powder, Buttermilk and Buttermilk powder, Whey and Whey Powder – Detection of Phosphatase Activity (Reference Method)</i></b>	Work completed with publication of ISO 3356 IDF 063:2009 - Milk - Determination of alkaline phosphatase	
	<b><i>Milk &amp; Milk Products – Determination of Alkaline Phosphatase Activity – Enzymatically Photoactivated System (EPAS) Method for Milk &amp; Milk-based Products</i></b>	Work completed with publication of the Bulletin of the IDF No. 435/2009 - Standardization of a Chemiluminescent Method to Detect Alkaline Phosphatase in Liquid Dairy Products and the ISO 22160 IDF 209:2007 - Milk and milk-based drinks - Determination of alkaline phosphatase activity - Enzymatic photo-activated system (EPAS) method	
<b>Standing Committee on Quality Assurance, Statistics of</b>	<b><i>Database of dairy laboratories worldwide</i></b>	Work completed with interactive database running at <a href="http://www.idfdairy laboratories.org">www.idfdairy laboratories.org</a>	

IDF Working body	Work item	Reason for removal	
		Work completed	Deletion for another reason
<b>Analytical Data and Sampling (Renamed SC on Statistics and Automation)</b>			
	<b><i>Milk &amp; milk products – Guide to Statistical Sampling (CCMAS)</i></b>	Work item completed with IDF representative identified in the ISO TC 69 SC 5	
	<b><i>Milk and Milk Products – Sensory Evaluation of Dairy Products (Parts 1-3)</i></b>	Work completed with the publication of the 3 parts of the ISO 22935 IDF 099:2009 - Milk and milk products - Sensory analysis	
<b>Standing Committee on Nutrition and Health</b>	<b><i>Monitoring of CCNFSDU work on Risk Analysis for Nutrients (addressed by the AT on Coordination of Codex Nutrition Matters)</i></b>	Work completed with adoption of Nutritional Risk Analysis principles by Codex Alimentarius Commission in July 2009	
	<b><i>Nutrition conference at IDF World Dairy Summit September 2008 in Mexico</i></b>	Work completed with the event held in November 2008	
	<b><i>Nutrition session of IDF / INRA First International Symposium on Minerals and Dairy Products, St Malo (FR)</i></b>	Work completed with the event held in October 2008,	
	<b><i>IDF/DIAA symposium on functional foods in Australia 2009 (SC DST Action Team DIAA/IDF Functional Dairy Foods, 24-25 February 2009)</i></b>	Work completed with the event held in February 2009	
<b>Standing Committee on Microbiological Hygiene</b>	<b><i>E. sakazakii and other micro-organisms in powered infant formula</i></b>	Work completed with adoption of the microbiological criteria for for powdered follow-up formula at last CAC 2009	
	<b><i>Codex Guidelines for the Control of Listeria monocytogenes</i></b>	Work completed with adoption at step 5/8 of the Annex on microbiological criteria for ready-to-eat foods at last CAC 2009	
	<b><i>Safety of the Lactoperoxidase system for the preservation of raw milk used for dairy products intended for international trade</i></b>	Work completed with the CAC decision to lift the current restriction on the use of the LPS and also to amend footnote 9 as proposed at the 2008 Session of the Commission.	
	<b><i>IDF input to IDF World Dairy Summit Berlin (DE) in September 2009 – hygiene and safety conference</i></b>	Work completed with the programme of the conference available.	
<b>Standing Committee on Dairy Science and Technology</b>	<b><i>IDF/DIAA symposium on functional foods in Australia 2009 (SC DST Action Team DIAA/IDF</i></b>	Work completed with the event held in February 2009	

IDF Working body	Work item	Reason for removal	
		Work completed	Deletion for another reason
	<i>Functional Dairy Foods, 24-25 February 2009)</i>		
	<i>IDF/INRA First International Symposium on Minerals and Dairy products, Saint-Malo (FR), 1-3 October 2008</i>	Work completed with the event held in October 2008, and the publication of the proceedings in the review Dairy Science and Technology May/august 2009.	
	<i>IDF World Dairy Summit Mexico City (MX) in November 2008 – dairy science and technology conference</i>	Work completed with the event held in November 2008.	
	<i>Fourth IDF Dairy Science and Technology Week, 20-24 April 2009, Rennes, Brittany, France</i>	Work completed with the event held in April 2009.	
<b>Standing Committee on Environment</b>	<i>IDF World Dairy Summit Berlin (DE) in September 2009 – environment and sustainability conference</i>	The conference programme has been finalized and is available from the IDF WDS Berlin 2009 website	
<b>Brainstorming Task Force on Establishment of an IDF Work Programme related to Sustainability with regard to Environment</b>	<i>IDF Work Programme related to Sustainability with regard to Environment</i>	Work completed with presentation of future IDF work plan at IDF WDS Mexico in November 2008	
	<i>Literature review on dairy products for an inventory of key issues &amp; List of environmental initiatives and influences on the dairy sector</i>	Work completed with publication of IDF Bulletin 436/2009 on Environmental/ Ecological Impact of the Dairy Sector	
<b>Standing Committee on Dairy Policies and Economics</b>	<i>World Dairy Situation 2008</i>	Work completed with publication of IDF Bulletin 432/2008 World Dairy Situation 2008	
	<i>Conference on Dairy Policies and Economics at IDF World Dairy Summit, Mexico (MX) in November 2009</i>	Work completed and conference held.	
<b>Standing Committee on Marketing</b>	<i>Conference on Marketing at IDF World Dairy Summit, Mexico (MX) in November 2009</i>	Work completed and conference held.	

[Go to Table of Contents](#)

**FUTURE IDF EVENTS****2009**

20-24 September IDF World Dairy Summit Berlin (DE)

**2010**

21-24 March IDF 5<sup>th</sup> International Mastitis Conference Christchurch (NZ)  
 17-21 May IDF/ISO Analytical Week 2010 Montreal (CA)  
 7-9 June IDF Symposium on Science and Technology of Fermented Milk Tromsø (NO)  
 9-11 June IDF Symposium on Microstructure of Dairy Products Tromsø (NO)  
 4-11 November IDF World Dairy Summit Auckland (NZ)

**2011**

16-18 May IDF Sixth International Symposium on Sheep and Goats Milk - Science, Technology, Production and Nutrition/ IDF Dairy Science and Technology Week 2011 Athens (GR)  
 20-26 October IDF World Dairy Summit Florence (IT)

**2012**

20-24 May IDF International Symposium on Cheese Ripening and Technology/IDF Dairy Science and Technology Week 2012 Madison, Wisconsin (USA)  
 3-9 November IDF World Dairy Summit Cape Town (ZA)

**APPENDIX****ABBREVIATIONS USED FOR THE NAMES OF COUNTRIES (reference ISO Standard 3166)**

• AR	Argentina	• IT	Italy
• AM	Armenia	• JP	Japan
• AT	Austria	• KE	Kenya
• AU	Australia	• KW	Kuwait
• BE	Belgium	• LU	Luxemburg
• CA	Canada	• LV	Latvia
• CH	Switzerland	• MU	Mauritius
• CN	China, People's Republic	• MW	Malawi
• CY	Cyprus	• MX	Mexico
• CZ	Czech Republic	• NL	Netherlands
• DE	Germany	• NO	Norway
• DK	Denmark	• NZ	New Zealand
• EE	Estonia	• PL	Poland
• EG	Egypt	• PT	Portugal
• ES	Spain	• RU	Russian Federation
• FI	Finland	• RW	Rwanda
• FR	France	• SE	Sweden
• GB	United Kingdom	• SI	Slovenia
• GR	Greece	• SK	Slovakia
• HR	Croatia	• TZ	Tanzania
• HU	Hungary	• UA	Ukraine
• ID	Indonesia	• UG	Uganda
• IE	Ireland	• US	United States of America
• IL	Israel	• ZA	South Africa
• IN	India	• ZM	Zambia
• IR	Iran	• ZW	Zimbabwe
• IS	Iceland		

[Go to Table of Contents](#)

**ABBREVIATIONS OF INTERNATIONAL AND REGIONAL ORGANIZATIONS**

CAC	– Codex Alimentarius Commission
CCCCF	– Codex Committee on Contaminants in Foods
CCFA	– Codex Committee on Food Additives
CCFH	– Codex Committee on Food Hygiene
CCFICS	– Codex Committee on Food Export and Import Inspection and Certification Systems
CCFL	– Codex Committee on Food Labelling
CCGP	– Codex Committee on General Principles
CCMAS	– Codex Committee on Methods of Analysis and Sampling
CCMMP	– Codex Committee on Milk and Milk Products
CCNFSDU	– Codex Committee on Nutrition and Foods for Special Dietary Uses
CCPR	– Codex Committee on Pesticide Residues
CCRVDf	– Codex Committee on Residues of Veterinary Drugs in Food
CEN	– European Committee for Standardization
CIHEAM	– International Centre for Mediterranean Agricultural Studies
CIRVAL	– International Resource Centre on Milk from Small Ruminants
EAAP/FEZ	– European Association of Animal Production/Fédération européenne de zootechnie
EDA	– European Dairy Association
EHEDG	– European Hygienic Equipment Design Group
EU	– European Union
EUROSTAT	– European Statistical Office
FAO	– Food and Agriculture Organization of the United Nations
ICAR	– International Committee for Animal Recording
ICMSF	– International Committee for Microbiological Specifications for Foods
IDF/FIL	– International Dairy Federation/Fédération Internationale de Laiterie
IFAP/FIPA	– International Federation of Agricultural Producers/Fédération Internationale des Producteurs Agricoles
IFCN	– International Farm Comparison Network
IFMA	– International Federation of Margarine Manufacturers
IMS	– International Meat Secretariat
ISO	– International Organization for Standardization
IUPAC	– International Union of Pure Analytical Chemistry
JEFCA	– Joint Expert Committee on Food Additives (FAO/WHO)
NAFTA	– North American Free Trade Association
NMKL	– Nordic Committee on Methods of Analysis of Foods
OECD/OCDE	– Organization for Economic Cooperation and Development/Organisation de Coopération et de Développement Économiques
OIE	– World Animal Health Organization/Office International des Epizooties
UNEP/PNUe	– United Nations Environment Programme/Programme des Nations Unies pour l'Environnement
WHO/OMS	– World Health Organization (of the UN)/Organisation mondiale de la Santé (de l'ONU)
WTO/OMC	– World Trade Organization/Organisation Mondiale du Commerce

**IDF ABBREVIATIONS**

AT	– Action Team
FSSG	– Food Standards Steering Group
JAT	– IDF/ISO Joint Action Team
MC	– Management Committee
MSSG	– Methods Standards Steering Group
NC	– National Committee
NWI	– New work item
SPCC	– Science and Programme Coordination Committee
PG	– Project group
PL	– Project leader
PR	– President
RM	– Reviewed Method
SC	– Standing Committee
TF	– Task Force

**IDF STANDING COMMITTEES & TASK FORCES (in the order as in contents list page 1)**

- SCAH Standing Committee on Animal Health
- SCFM Standing Committee on Farm Management
- SCFA Standing Committee on Food Additives
- SCFLT Standing Committee on Food Labelling and Terminology
- SCSID Standing Committee on Standards of Identity
- SCAMAC Standing Committee on Analytical Methods for Additives and Contaminants
- SCAMC Standing Committee on Analytical Methods for Composition
- SCAMDM Standing Committee on Analytical Methods for Dairy Microorganisms
- SCHMM Standing Committee on Harmonisation of Microbiological Methods
- SCAMPAI Standing Committee on Analytical Methods for Processings Aids and Indicators
- SCSA Standing Committee on Statistics and Automation
- SCNH Standing Committee on Nutrition and Health
- SCMH Standing Committee on Microbiological Hygiene
- SCRCC Standing Committee on Residues and Chemical Contaminants
- SCDST Standing Committee on Dairy Science and Technology
- SCENV Standing Committee on Environment
- SCDPE Standing Committee on Dairy Policies and Economics
- SCM Standing Committee on Marketing

**ISO AND CEN ABBREVIATIONS**

- CD – Committee Draft (in ISO)
- CS – Central Secretariat (of ISO)
- CEN – European Committee for Standardization
- DIS – Draft International Standard (in ISO)
- FDIS – Final Draft International Standard (in ISO)
- ISO – International Organization for Standardization
- JAT – Joint Action Team (IDF & ISO)
- MBs – Member Bodies (of CEN, of ISO)
- SC – Sub Committee (in ISO)
- TC – Technical Committee (in ISO)
- TS – Technical Specification
- WD – Working Document

**CURRENT ABBREVIATIONS**

- AAS – Atomic Absorption Spectroscopy
- ADI – Acceptable Daily Intake
- BSE – Bovine Spongiform Encephalopathy
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- EWG – Electronic Working Group
- ELISA – Enzyme-Linked Immuno-sorbent Assay
- GMO – Genetically Modified Organism
- HACCP – Hazard Analysis Critical Control Points
- HPLC – High-Performance Liquid Chromatography
- IR – Infra-red
- MPN – Most Probable Number
- MRL – Maximum Residual limit
- MUG – Methyl-Umbelliferyl-Glucuronate
- PCB – PolyChlorinated Biphenyl
- 
- SPS – Sanitary & PhytoSanitary Measures (WTO)
- TBT – Technical Barriers to Trade (WTO)

[Go to Table of Contents](#)