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Message from the Director General

Sharing our Success Stories and Best Practices Within the IDF Community



Since the beginning of the year, many developments have taken place within IDF. These include our move to a new HO with new modern technologies, the reinforcement of the technical staff following the arrival of Stanislav Jas in the area of Environment/Sustainability, the strengthening of the communications team (recruitment of Caroline Leroux), and also the setup of the Communications Advisory Group.

We also have the pleasure of announcing the arrival of Rebecca French from London, who as an intern will collaborate with enthusiasm with the HO team for several months in the development of our communications and promotional activities.

The enhancement of communication within the IDF community would undoubtedly benefit all our members. Through greater collaboration National Committees would be able to learn from the successes and experiences of others, and in turn profit from this knowledge when implementing their own strategies, creating a more unified approach within IDF.

Our next meeting with all National Committees in Parma in October will be a wonderful opportunity to contribute new suggestions, ideas, best practices, original success stories... and share them all together.

According to the IDF SWIFT concept (Speed, Worldwide Visibility, Impact, Focus, Transparency), the global performance of IDF can only benefit from improved cooperation among member nations.

Looking forward to meeting you at our top event of the year 'Summilk' around sustainable food security.

Contact: [Christian Robert](#), IDF Director General.

SUCCESS STORY

 IDF/ISO Analytical Week, Lyon, France, 23-27 May, 2011



IDF and ISO representatives: from left to right: Ton Gerssen (ISO/TC34/SC5), Aurélie Dubois (IDF Standards Officer), H van den Bijgaart (Chair ISO TC34/SC5), MN Bourquin (ISO Central Secretariat), J Evers (Chair IDF MSSG) and S Espeillac (secretary ISO/TC 34)

Workshop on Collaborative Studies and Standard Development

A workshop focusing on the organisation and process of collaborative studies was very well received. Participants, namely industry experts and project leaders, were presented with useful case studies. In addition, a template for the statistical treatment of data will be made available by the organisers to aid their future evaluations.

Symposium

The mid-week symposium explored the theme “*How can analysis promote sustainability in the dairy chain?*” IDF and ISO experts presented new initiatives and recommendations that showed for the first time that the analysis sector makes significant contributions to the advancement of a sustainable dairy industry.



Over 160 participants attended the symposium



Roundtable of the symposium moderated by S Holroyd (NZ), M Muskee (NL), R Johnson (NZ), H Crujisen (NL), M Tralan (FR) and F Faucon-Lahalle (FR)

Speakers demonstrated that (with) in-laboratory initiatives to reduce the burden on the environment through the use of the ISO 14001 standard, as well as through innovative recycling schemes and reducing laboratory consumables and reagents, have been very effective. Furthermore, newly developed testing methodology was shown to also underpin wider sustainability initiatives by the dairy sector, such as improving wastewater management and animal feeding practices.

After the symposium, participants had the choice between a technical visit to BioMérieux, where they could discover the range of products and activities undertaken by Biomérieux concerning microbiology analysis; and a technical workshop where sponsors presented their latest developments.

IDF PROGRAMME OF WORK

IDF Science and Programme Coordination Committee (SPCC)

SPCC meeting, Athens, Greece, May 18, 2011

IDF Guidelines for Drafting Fact Sheets

The condensed version of the IDF guidelines was confirmed and is now available on the IDF Intranet.

Online Tool for Future IDF Surveys

The survey tool options provided by the IDF Head Office were accepted.

Planned Stakeholder Surveys on (i) Hygiene & Food Safety and (ii) Dairy Science & Technology

The objective of the surveys is to seek feedback from IDF National Committees, including various dairy stakeholders, on current and future IDF activities.

SPCC Lead Work Item: *“Benefits of Dairying”*

It was agreed that each of the appointed coordinators should work with elected IDF NC experts in order to identify the subjects/titles of fact sheets and their proposed concept/context outlines. These will then be submitted to IDF Standing Committees.

IDF Role in Crisis Management

A network of professional communicators is being established under IDF HO leadership for the coordination of IDF's overall communication strategy. SCs are responsible for monitoring issues falling within their area of expertise. IDF's internal reporting lines will be considered case-by-case. It was agreed that SPCC would coordinate the management of a potential crisis situation.

IDF “SWIFT” Session at the World Dairy Summit in Parma, October 16, 2011

SPCC agreed on the proposed highlights of the up-coming “SWIFT” session to demonstrate speed, worldwide visibility, impact, focus and transparency of IDF in serving the global dairy industry.

Profiling of IDF experts for IDF Working Bodies

The initiative is led by the IDF President. Detailed findings and recommendations on IDF fact sheet guidelines, expert membership and activity etc. will be debated at the planned meeting of SC Chairs, Deputies, SPCC, Board and IDF staff in Parma on October 13, 2011.

FAO New Initiative: *“Global Agenda for Action”*

It was agreed that IDF should closely monitor the development of this initiative in collaboration with the SCENV.

Next SPCC meeting: Parma (IT) on October 13, 2011

Minutes of the meeting are available from the IDF Intranet.

Contact: [Joerg Seifert](#), IDF Technical Director

Dairy Policies and Economics

Standing Committee on Dairy Policies and Economics Meeting, Montreal, Canada, 28th April 2011

The SC DPE meeting was chaired by Bob Yonkers (US), SC DPE chair, recently elected to a second two-year term. Our meeting was honoured to have IDF President Richard Doyle (CA) in attendance.

Following a presentation on the current world dairy situation by Veronique Pilet (FR), the committee held a roundtable discussion on dairy issues in the various countries represented (by attending members.) Adriaan Kriiger (NL) explained the process for the preparation of the 2011 World Dairy Situation report to be published this autumn by IDF. All committee members were asked to contribute topics to be included in the World Dairy Forum chapter of the report, and potential topics for the 2012 edition will be an agenda item for the SC DPE meeting to be held in Parma this autumn.

Craig Plymnesser (US) provided an update on the activities of the SPCC and reported that SC DPE member Benoit Rouyer (FR) will be leading the economics contribution to the SPCC-led work item on the “Benefits of Dairying”.

An Action Team was appointed to begin work on the programme for the Dairy Policies and Economics Conference to take place at the World Dairy Summit in Parma on 17-18 October 2011. Members then reviewed the draft programme for the IDF Regional Conference on Domestic Milk Supply and Demand Systems: Lessons from Experience, to be held in Seoul, Korea 20-23 March, 2012. SC DPE will hold its spring meeting 19/20 March in Seoul prior to that conference.

The next meeting of the SC DPE will be held On Friday October 14, 2011 at the WDS in Parma, Italy.

Contact: [Bob Yonkers](#), Chair of the IDF Standing Committee on DPE

Animal Health

IDF Standing Committee on Animal Health Meeting, Athens, Greece, May 17, 2011

Discussion on the Functioning of IDF Working Bodies, (including profiles of expert members and activity)

SCAH supports the work of IDF to increase the activeness of SC members and/or to make visible who is active and who is not.

Animal Health Fact Sheets

Members took note of the new guidelines to be used for future SCAH fact sheets.

Collection of Data on (industry) Milk Quality and Hygiene Statistics

The data will be collected based on the questionnaire used by the A2 IDF mastitis group.

Guidelines for the Use and Interpretation of Bovine Somatic Cell Counts in the Dairy Industry

It was noted that the acceptability of high SCC might differ between countries, breeds and production circumstances. The committee will not attempt to set standards but merely provide a list of possible interpretations.

Plans for the next IDF International Mastitis Conference 2015

The meeting supported the IDF UK proposal to host the event, most likely in Edinburgh, in June 2015.

Progress in National Programmes for Surveillance and Control of Johne’s Disease/Paratuberculosis Forum

It was agreed that it was critical for SCAH to have a strong liaison with the international PTB Forum, with regular updates.

IDF Animal Health Newsletter: preparation of the next edition for IDF WDS Parma in October 2011

Authors and topics were identified.

IDF/FAO Animal Health and Animal Welfare conference at IDF WDS Parma in October 2011

Members took note of the draft programme of events, which will soon be available on the official event website.

Planned Animal Health and Animal Welfare Conference at IDF WDS Cape Town in November 2012

SCAH members to serve on the programme committee were appointed.

New Work Item

IDF National Committees will vote on the NWI proposal entitled “Literature review for an overview of the affects of mastitis on the welfare of dairy cattle” in due course.

The committee will consider proposing new work with regards to:

- Animal welfare: guidance for the industry on methodological choices
- Revision of IDF Bulletin 132 - Laboratory Methods for use in Mastitis Work
- Interpretation of mastitis diagnostic data, specificity, sensitivity, accurateness, etc. with references to reliable (including internet) sources.

Next meeting: Parma (IT), October 15, 2011

The minutes of the meeting are available from the IDF Intranet.

Contact: [Joerg Seifert](#), IDF Technical Director

Methods Standards Steering Group and highlights from the 6 SCs

IDF/ISO Analytical Week, Lyon, France, 23-27 May, 2011

The MSSG discussed a revised strategic plan for work on methods of analysis and sampling within IDF. This update shall give a larger focus on communication aspects. It was noted that the new structure is having a positive impact and most work items are progressing as planned. The MSSG also discussed the possibilities for funding collaborative studies and agreed to identify key projects that have not received adequate resources. The creation of a fund will be requested within IDF.

Members were reminded that all SC meetings during the IDF/ISO Analytical Week also serve as meetings for the ISO/TC 34/SC5, the ISO sub-committee for milk and milk products.

The terms of chair and deputy chair of SCSA and SCAMC had come to an end, therefore Harrie van den Bijgaart and Olivier Leray were thanked for their active contribution to the MSSG, and have been replaced respectively by Silvia Orlandini (IT) and Steve Holroyd (NZ).

SC Analytical Methods for Additives and Contaminants (SCAMAC)

The SC acknowledged the publication of the ISO/TS 15495|IDF/RM 230 – Determination of Melamine and Cyanuric Acid in Milk Powders and Infant Formulas - and noted the Codex request for a method to be validated. The PG will reflect on how to proceed according to the criteria set.

A first draft of the Guidelines on Detection Limits of Screening Methods and MRL's Confirmatory Analysis and Penalties for Antibiotic Residues was available, leading to a complementary NWI proposal on Guidelines for the Validation of Screening Methods for Residues of Veterinary Medicines.

Revision of the method for the Determination of Benzoic Content, previously approved by the IDF NCs, has been cancelled by the SCAMAC due to low interest from the experts conducting the collaborative study.

SC on Analytical Methods for Composition (SCAMC)

Collaborative studies for the merger of parts 1 & 2 and extending the scope of the ISO 8968|IDF 20 are now complete. The working draft will be submitted to an ISO vote as a NWI proposal (see separate article).

The NWI on Determination of Fatty Acids has been approved with IDF and ISO, and the SC agreed to extend its scope to encapsulated products, and also to a wider range of products, in order to allow possible cooperation with the current AOAC project (SPIFAN – Stakeholders Panel on Infant Formula and Adult Nutritionals).

Several NWI proposals are under preparation. Philippe Trossat (FR) was elected as deputy chair.

SC on Analytical Methods for Dairy Microorganisms (SCAMDM)

Feedback from IDF National Committees regarding proposals for future work has been very positive.

A proposal for a NWI on Enumeration of Lactic Acid Bacteria by Flow Cytometry will shortly be sent to IDF National Committees for approval. However, for current work items and new proposals active project leaders are needed.

IDF National Committees are kindly asked to alert their members to the need for active volunteers!

SC on Analytical Methods for Processing Aids and Indicators (SCAMPAI)

The SC advanced all work items including the revision of the Standard on Determination of Alkaline Phosphatase Activity, Determination of Lipase Activity, Determination of Chymosin and Bovine Pepsin Contents, and Determination of Total-milk Clotting Activity. The SC is also considering several new work item proposals.

SC on Harmonization of Microbiological Methods (SCHMM)

IDF National Committees recently endorsed a new work item regarding IDF taking the lead in an ISO/TC34/SC9 project aiming at the inclusion of the Standard ISO 6730|IDF 101 into the horizontal Standard 17410 (Enumeration of Colony-forming Units of Psychotrophic Organisms). However, due to low interest at SC9 level the project is postponed.

SC on Statistics and Automation (SCSA)

The SC progressed the revision of IDF 135B – Precision Characteristics of Analytical Methods – as an IDF Bulletin for guidance in the use of ISO 5725 for milk and milk products. A questionnaire will be sent to IDF National Committees for the approval of this publication and the withdrawal of IDF 135.

The SC also noted the important progress of several Project Groups regarding the IDF/ICAR project on Reference System for Somatic Cell Counting, the revision of ISO 9622|IDF 141 – Guidance on Operation of Mid-Infra Red Instruments –and on the revision of the ISO 16297|IDF 161 – Guidance on Evaluation of Routine Methods for the Determination of Bacteriological Quality. Rob Crawford (NZ) was elected as deputy chair.



New and leaving members of the MSSG representing SCAMC and SCSA : from left to right: O Leray (FR), S Orlandini (IT), S Holroyd (NZ) and H van den Bijgaart (NL)

Minutes of the meetings of the Standing Committees will be available by mid-July on the IDF Intranet.

Contact: [Aurélie Dubois](#), IDF Standards Officer

Standing Committee on Analytical Methods for Composition (SCAMC) completes mammoth validation project for Kjeldahl method

The Kjeldahl method has been used worldwide for decades to determine protein in milk and milk products. Codex Alimentarius endorsed it for a wide range of milk products, even though the method has been validated for liquid milk only.

However, given the pivotal role of the method in international trade, the need to validate it for products other than liquid milk was always recognised. For a long time there was no momentum to conduct such a task because of the wide range of milk products at play and the high costs associated with validation studies.

IDF experts now have broken the stalemate and have been successful in generating scientific data to estimate repeatability and reproducibility figures for many product groups including cheese, whole milk powder, skim milk powder, whey protein concentrates, caseins, caseinates, milk protein concentrates, infant formula, sheep and goat milk.

An international collaborative approach by members of the SCAMC enabled this huge task to be completed over several years, the latest results being approved at the 2011 IDF/ISO Analytical Week.

Under the overall project leadership of Juan Romero (Wisconsin Center for Dairy Research, USA) and Phillippe Trossat (Actilait, France), the Standing Committee experts approved the validation work carried out by Prof. David Barbano (Cornell University, USA), Silvia Orlandini (AIA Laboratorio Standard Latte, Italy), George Psathas (Cyprus Milk Industry Organisation, Cyprus) and Richard Johnson (Fonterra Co-operative Group, New Zealand) who organised the studies to provide the data for all the above-mentioned powdered products.



Project leaders involved: George Psathas (CY), Richard Johnson (NZ), Dave Barbano (US), Silvia Orlandini (IT), Philippe Trossat (FR), Juan Romero (US)

Jaap Evers, chair of the MSSG, says that now the science part of the project has been completed, the next step will be for ISO/IDF to publish an updated Standard method and then to submit this new ISO/IDF Standard to the Codex Alimentarius for endorsement, likely by 2013.

Contact: [Aurélie Dubois](#), IDF Standards Officer

Nutrition and Health

Standing Committee on Nutrition and Health Meeting, Vevey, Switzerland, May 27, 2011

The Standing Committee on Nutrition and Health (SCNH) met at the Nestlé Headquarters in Vevey, Switzerland. Prior to the meeting, participants had the opportunity to visit the Nestlé Research Centre (NRC), which included presentations on NRC nutrition and health related activities.

At the meeting SCNH agreed on new work on Vitamin K2 in fermented dairy products. The aim is to produce a peer-reviewed literature review of the physiological benefits of vitamin K2. A request will be made to IDF analytical experts to consider developing recommendations on how to analyze vitamin K2. SCNH also agreed to initiate a peer-reviewed paper on “*Dairy and Children’s Diets*”. Both proposals will be sent to the SPCC for review and to National Committees for implementation.



SCNH members visiting the Nestlé Research Centre

In 2011 and 2012, SCNH will facilitate presentations on milk fat by academic researchers at three major international nutrition conferences: Bruce German at the Eurofed Lipid Congress, Philippe Legrand as speaker and co-chair at the FENS 11th European Nutrition Conference, and Jolieke van der Pols at the 16th International Congress of Dietetics (ICD). An Action Team on Nutrition Communication Strategy will be set up to aid preparations for these conferences and other SCNH activities.

Several Action Teams reported the current status and progress made since the last SCNH meeting:

- In collaboration with the Standing Committee on Environment, the AT on Dairy Nutrition and Environmental Sustainability aims at issuing an internal review paper for the dairy sector addressing the nutritional benefits of efforts regarding sustainable dairy production. The section concerning nutrition is currently undergoing AT review.
- The AT on Proteins is following up on the outcome of the FAO Expert Consultation on Protein Quality that was held end of March 2011.
- In collaboration with the Standing Committee on Food Labelling and Terminology, the AT on Coordination of Codex Nutrition Matters is preparing submissions to CCFL and CCNFSDU. A new Action Team has been created to prepare IDF submissions to the electronic working group on “*Additional conditions for nutrient content claims and comparative claims*”.
- The papers of the Special Issue entitled “*Nutrition and Health Aspects of Lactose and its Derivatives*” are undergoing peer-review by the International Dairy Journal (IDJ).
- The programme of the Nutrition and Health conference at the World Dairy Summit in Parma is available online at: <http://www.wds2011.com>
- A new AT for the Nutrition & Health conference at the WDS 2012 South Africa has been appointed.

In addition, SCNH is monitoring the nutrition related work of FAO and WHO, focusing on nutrient profiling, salt reduction strategies and the UN High Level Meeting on Non Communicable Diseases (NCD).

Next Meeting: Parma (IT), October 15, 2011

Contact: [Sandra Tuijtelars](#), IDF Nutrition Officer

RELATIONS WITH INTERNATIONAL ORGANIZATIONS

World Organization for Animal Health (OIE)

Highlights of the 79th General Session of the OIE, Paris, France, 22–28 May, 2011

Worldwide Eradication of Rinderpest Achieved

Thanks to the painstaking work accomplished by the OIE, Rinderpest has been eradicated worldwide. The 192 member countries of the UN Food and Agriculture Organization (FAO) will each commit to the Declaration of Global Freedom from Rinderpest and on the Implementation of Follow-up Measures to Maintain World Freedom at the 37th FAO Conference in June 2011. This achievement serves in particular the global dairy sector. Next on the OIE eradication priority list are foot and mouth disease (FMD), rabies, and *peste des petits ruminants*.

Animal Welfare

A proposed new chapter of the OIE Terrestrial Animal Health Code (TAHC) dealing with Broiler Chicken Production Systems was subject to extensive discussion regarding the need for prescriptive details leading to non-adoption. The outcome is likely to delay work on OIE AW standards for dairy cattle production systems by one year. This is despite the fact that an OIE *Ad Hoc* Working Group has already been appointed, including several experts that had been proposed by IDF.

250th Anniversary of the Official Creation of the Veterinary Profession

The first veterinary school was created in Lyon, France in 1761. Today, veterinarians are at the forefront of animal disease prevention and control, safeguarding both animal and public health.

The Contribution of Veterinary Activities to Global Food Security

Members reviewed the outcome of a survey of 108 OIE member countries. It was stressed that global livestock production is a key issue, with two-thirds of farmers in the world living in mixed farming systems (crop and animal production). This accounts for 50% of the world's cereal production and generates 75% and 60% of milk and meat production in the developing world respectively. The study confirmed that the budget allocated to veterinary services remains insufficient, even when animal production contributes highly to GDP, as is often the case in less industrially developed countries.

It was concluded that more investment in animal disease control and prevention would decrease production losses linked with animal disease. This would in turn improve food security and food safety worldwide.

The full IDF observer's report is available from the IDF Intranet.

Contact: [Joerg Seifert](#), IDF Technical Director

PROMOTION OF IDF

Promotion of IDF

African Dairy Conference and Exhibition

The Director General of IDF was invited to participate to a meeting and discussions with the Board of ESADA preceding the 7th African Dairy Conference and Exhibition, which is hosted by the Eastern & Southern Africa Dairy Association (ESADA) in a different African country each year.

This year the event took place in Tanzania and provided also the opportunity for a private meeting with the Tanzanian Minister of Livestock and Fisheries Development, Dr. David Maitaro.

The conference attracted over 250 participants from 15 different nations and 50 exhibitors. This was an opportunity to promote IDF to potential members such as Kenya, Tanzania...

Christian Robert led a conference on IDF activities with added value to membership, and a second regarding IDF involvement and leadership role with the Global Dairy Agenda for Action.

Major benefits of attending this event included revitalizing relationship with ESADA, enhancing the visibility of IDF and its activities, and promoting awareness of IDF's leading role in all dairy sector matters. It was also a chance to approach potential sponsors and to stimulate the contribution of African countries to the Green Paper.



Christian Robert taking part in the 7th African Dairy Conference in Tanzania.

Chilelácteo 2011

Christian Robert was called on to officially open Chilelácteo 2011 alongside the Chilean Minister for Agriculture, Mr. José Antonio Galilea, who also acts as the president of the IDF National Committee in Chile.

The Chilelácteo congress took place in Valdivia, which is in the heart of an important region for milk production, and attracted more than 700 participants and exhibitors. The IDF Director General was present with its President at the first meeting of the new Chilean NC during which several working groups of experts were established.

Special efforts were dedicated to the establishment of this new IDF National Committee and the promotion of IDF member benefits for the local dairy sector.

An international presence comprising of delegates from numerous neighbouring countries and speakers from different international organisations (including the FAO and OECD) contributed towards the meeting's high quality discussion.

Furthermore, an interview was organised with the local press, leading to the development of new relationships with dairy companies and organisations.

Contact: [Christian Robert](#), IDF Director General.

IDF EVENTS

“WORKING TOGETHER TOWARDS A SUSTAINABLE DAIRY SUPPLY CHAIN” - THE GLOBAL DAIRY ROUNDTABLE ON SUPPLY CHAIN ISSUES



On October 16, participants of the IDF World Dairy Summit 2011 are invited to attend an exchange on the theme “*Working Together Towards a Sustainable Dairy Supply Chain*”, as part of the Global Dairy Roundtable on Supply Chain Issues.

The objective of the session is to encourage a moderated and open dialogue among representatives from various segments of the supply chain and regions across the globe, including dairy producers, dairy processing companies and cooperatives, input suppliers, distributors and consumers.

The roundtable will be facilitated by Alessandro Plateroti, Deputy Director of the Italian Newspaper "*Il Sole 24 Ore*". Mr. Plateroti will challenge panellists to address three key areas under the sustainability theme:

- 1) Private vs. government set standards on sustainability in dairy
- 2) Producing more with less: are we ready?
- 3) Where does a sustainable global dairy industry fit within a new bio or green economy?

In this format, participants will have an opportunity to respond to questions and exchange points of view. Members of the audience will be encouraged to submit questions to the moderator to further explore the issues and have an inclusive industry discussion with the roundtable panellists.

IDF president Richard Doyle will be the session *rapporteur* and will summarise the key elements of the discussion.

For a complete overview of what the IDF World Dairy Summit will offer, view the final programme at <http://www.wds2011.com/ProgramPage.php?ID=484>

Don't miss out, register today at <http://www.wds2011.com>

IDF PUBLICATIONS

Bulletin of the month

The **Bulletin of the IDF No. 449/2011 "Integrated Supply Chain Management"** provides principles on Integrated Chain Management, guidelines on the integrity of suppliers' milk and examples of approaches and means. These tools, procedures and methods can be used separately or combined to counteract systematic and/or large scale adulteration of suppliers' milk. Widespread use of this guide will further reinforce consumer confidence in the milk industry's ability to guarantee safe and nutritious products.



International Dairy Federation

Silver Building
70/B, Boulevard Auguste Reyers
1030 Brussels
Belgium

Tel : +322 733 9888

Fax : +322 733 0413

E-mail : info@fil-idf.org

<http://www.fil-idf.org> or <http://www.idfdairynutrition.org>

The international Dairy Federation is the pre-eminent source of scientific and technical expertise for all stakeholders in the dairy chain. Membership covers 56 countries and is growing; IDF accounts for about 85% of the world's total milk production. IDF aims to identify and disseminate best practice at the international level, in order to guide and harmonise members' work on issues including climate change, nutrition and food hygiene at the national level.

The scientific expertise for the dairy sector worldwide