



***Participation of the SA dairy industry and its projects, via SANCIDF, in the activities of the IDF***

**(PRJ-0186-2018)**

***South African National Committee of IDF***

***Quarter 2 2018/2018 (April 2018 till June 2018)***

**Project goals**

**Goal 1 - Review SA representatives on IDF bodies (SC'S, AT'S ETC) so that the best qualified persons can represent SA on these bodies**

***Achievements***

No new representatives were appointed during this quarter

***No Non-achievements / underperformance has been reported***

**Goal 2 - Ensure appropriate and timely (before set deadlines) inputs by SANCIDF and SA representatives on IDF bodies to IDF**

***Achievements***

Only one Questionnaire, Quest 0118/ SCNH SCMH SCDST SCAMPAL - The technology of pasteurisation and its effect on the microbiological and nutritional aspects of milk, was received in this quarter..

***No Non-achievements / underperformance has been reported***

**Goal 3 - Promote the forthcoming World Dairy Summit (Daejeon, South Korea) amongst dairy industry role-players by forwarding all promotional e-mails to MPO/Sampro/DAFF representatives and South African SC members as well as articles about WDS 2018 in industry magazines**

***Achievements***

One reminder that poster submissions for IDF WDS 2018 will close on Saturday, 30th June 2018 was received during this quarter. It was circulated to industry representatives and Standing Committee members.

## ***No Non-achievements / underperformance has been reported***

### **Goal 4 - Send a delegation of SANCIDF officials to attend the World Dairy Summit**

#### ***Achievements***

Not applicable to this quarter.

## ***No Non-achievements / underperformance has been reported***

### **Goal 5 - Delegates to the WDS to give meaningful feed-back to the local dairy industry within one month after their return in a format prescribed in a contractual agreement with SANCIDF**

#### ***Achievements***

Not applicable to this quarter

## ***No Non-achievements / underperformance has been reported***

### **Goal 6 - Liaise with IDF re sustainability and environment by providing timeous input from SA and communicating information from IDF to the SA industry**

#### ***Achievements***

##### **Documents attended to:**

We supported the request by Dr Caroline Emond, Director General of the IDF for the IDF to work on carbon sequestration which will be led by Brian Lindsay, but indicated to them that the recent development of standardised guidelines to measure carbon stocks by the FAO-LEAP Programme should be followed, as countries (Including SA) have decided to endorse those guidelines. Earlier in the year we have provided our input to the LEAP when they drafted the guidelines. Their document, titled: 'FAO – Measuring and modelling stock carbon stocks and stock changes in livestock production systems- Guidelines for assessment' is now open for public comment. Similarly, the LEAP document on water use which we have made input to, is also open for public comment. We have forwarded this document, titled: 'FAO- Water use of livestock production systems and supply chains-Guidelines for assessment' to Sue Viljoen of WWF-SA who works in close collaboration with the MPO's water initiative. This should be valuable for that initiative.

We responded to the call by the IDF to make contributions to the 'IDF Dairy Sustainability Outlook' in the category 'Measuring carbon in dairy farming' by submitting the PhD work of Craig Galloway at Woodlands, and in the category 'Global Dairy Sustainability' by submitting Milk SA's intended R & D programme: 'Climate and Eco-resilience of Dairy Production.

##### **Work items of the SCENV:**

#### **Objectives**

While reporting to the global dairy sector on developments concerning the environment (e.g. effects of environment on milk and milk products, effects of dairying on the environment), the

Standing Committee on Environment is considering:  
Energy efficiency and GHG emissions quantification and mitigation, including renewable energy generation;  
Water quality, efficiency and reuse  
Biodiversity  
Waste management and reduction  
Review and adoption/promotion of best available technologies and practice;  
Contribute to work addressing the intersection of nutrition and environmental sustainability;  
Contribute to work addressing the intersection of animal health and welfare, animal nutrition and environmental impact;

And provides leadership on environmental sustainability issues in close liaison with other IDF Standing Committees and relevant international and third-party organizations.

#### **Recent outcomes**

These focussed to a large extent on Life Cycle Analysis (LCA) methodology, with the following contributions accepted:

**Handling multi-functionality problems in LCA** by Miguel BRANDÃO, KTH, Stockholm

**Examples of different approaches for allocation** By Kurt BUXMANN, International Aluminium Institute (consultant)

**Findings in evaluation of recycling and allocation methods** By Pernilla CEDERSTRAND or Ellen RIISE, Essity Hygiene and Health AB, Göteborg

**Exploring weighting in LCA** By Anne-Marie BOULAY, LIRIDE (Sherbrooke University) and CIRAI (Polytechnique Montreal)

**LIME Methods for weighting** By Atsushi INABA, Faculty of Engineering, Kogakuin University

**Should weighting result in reduced damage or reduced distance?** By Bo WEIDEMA, 2.-0 LCA consultants

**Examples of guidance on how to use weighting:** by Bengt STEEN, Chalmers University of Technology

**Integrating MultiCriteria Decision Analysis (MCDA) in LCA** By Philippe OSSET, SCORELCA

**Normalization, weighting and aggregation of LCA results to support decision-making processes** By Peter SALING, BASF SE

### **No Non-achievements / underperformance has been reported**

#### **Goal 7 - Fund travel and accommodation expenses to SANCIDF officials and SC members who need to travel to attend Exco and AGM meetings**

##### **Achievements**

R1 325 was spent on traveling expenses for one member of the Executive committee to attend a meeting in April 2018.

### **No Non-achievements / underperformance has been reported**

#### **Goal 8 - Obtain annual reports from South African representatives on IDF bodies (Standing Committees, Action Teams, etc)**

##### **Achievements**

Reports were submitted on the work of 11 Standing Committees and one task force. All these separate reports were combined in one document and is attached with this report.

### **No Non-achievements / underperformance has been reported**

## **Goal 9 - Promote the use of IDF Bulletins and Standards (SANCIDF subsidy of 50% applies)**

### ***Achievements***

The following article with the title "Information produced by IDF available to the SA dairy industry" was published in the June 2018 issue of The Dairy Mail:

"Standards

IDF proactively contributes to the development of science-based globally harmonised standards, guidelines, codes of practice and related methodologies across all working areas, to continually improve regulatory environments for the dairy sector. It does this through proactively engaging with key international organisations and influencers such as the international food standards setting body Codex Alimentarius and the International Organisation for Standardisation (ISO). IDF also identifies knowledge gaps, prioritising its activities, proposing solutions and seeking a consensus on these. International Standards for methods of analysis and sampling of milk and milk products are used as references at a national and global level.

Standards are essential for consumer protection and trade. IDF aims at shaping global regulatory frameworks through the development of policies, laws, regulations, protocols/codes of practice, specifications, guidelines and fact sheets. IDF is currently involved in four very different types of standard setting activities

- Food standards for international trade with Codex
- Animal health and welfare standards for international trade with OIE
- Standards for Methods of analysis and sampling with IDF/ISO, AOAC, USP
- Standards for milking machines, dairy safety and quality management systems, environmental standards etc. with ISO and other organizations

There are 180 Standards in the IDF catalogue of which the oldest is IDF 020-4:2001 and the latest is IDF/ RM 233-2: 2017. To view summaries of all the standards in the Catalogue, go to: [https://store.fil-idf.org/publications/?swoof=1&product\\_cat=standards&paged=1](https://store.fil-idf.org/publications/?swoof=1&product_cat=standards&paged=1)

Bulletins

IDF provides a permanent source of authoritative scientific and other information on a whole range of topics relevant to the dairy sector. Covering a wide range of dairy-related issues, IDF Bulletins are the go-to references for the dairy professionals. The IDF Catalogue lists 190 bulletins of which the oldest is Bulletin 026/1965 and the latest is Bulletin 488/2017. To view the Catalogue, go to: [https://store.fil-idf.org/publications/?swoof=1&paged=1&product\\_cat=bulletin](https://store.fil-idf.org/publications/?swoof=1&paged=1&product_cat=bulletin)

The Standards and Bulletins are available to all stakeholders and other interested parties in the dairy industry. The prices of Standards vary from €15,00 to €200 and for Bulletins from free to €600,00 each. The weakness of the Rand puts most of these valuable publications out of reach of most individuals and organisations in South Africa. For this reason the SA National Committee of IDF (SANCIDF) will pass the 25% discount it gets from IDF, on to a buyer of any Standard or Bulletin ordered from the SANCIDF office"

***No Non-achievements / underperformance has been reported***

## **Goal 10 - Make information about documents produced by the IDF (Bulletins, Standards and Newsletters) available to levy payers and the general public by publishing the titles on the Milk SA website and in The Dairy Mail and Milk Essay**

### ***Achievements***

The following publications were received from IDF during this quarter:  
Bulletin N° 491/ 2018,"Teat-cup and cluster removal strategies for cattle and small ruminants,

Review and recommendations".

Standard IDF 140-1 ISO 9233-1 2007 Cheese, cheese rind and processed cheese determination of natamycin content

IDF Fact sheet 003/2018 - Trans fatty acids to be differentiated into industrially produced TFAs and naturally present TFAs

IDF World - Issue 1 - June 2018. The International Dairy Federation is pleased to present our new newsletter, IDF World, which aims to share the latest science on dairy, as well as the work of our dairy community of experts in a clear and simple manner. As the global leader in dairy expertise, IDF intends to share knowledge and expertise with its members and stakeholders. <https://www.fil-idf.org/newsletter/idf-world-issue-1-june-2018/>

The following publications from IDF were mentioned in the "IDF News" column of the June issue The Dairy Mail:

Joint Standard ISO 19660 | IDF 237: 2018 - Cream — Determination of fat content — Acidobutyrometric method

Joint Standard ISO 19662 | IDF 238: 2018 - Milk — Determination of fat content — Acidobutyrometric (Gerber method)

News Brief 119

Fact sheet 005/2017: Phthalates in Dairy Equipment

Fact Sheet 001/2018: Heat Treatment – overview

***No Non-achievements / underperformance has been reported***

## Income and expenditure statement

Income and expenditure statement	<a href="#">finstate MSA Q2 20180630.pdf</a> <a href="#">finstate MSA summary Q2 20180630.pdf</a>
Unnecessary spending during period	No

## Popular Report

[Q2 2018 POPULAR REPORT.pdf](#)

## Additional documentation

[agm reports Combined.pdf](#)

## Statement

Levy funds were applied only for the purposes stated in the contract	Yes
Levy funds were applied in an appropriate and accountable manner	Yes
Sufficient management and internal control systems were in place to adequately control the project and accurately account for the project expenditure	Yes
The information provided in the report is correct	Yes