

# THE 5<sup>TH</sup> GLOBAL FEED AND FOOD CONGRESS 2016



ANTALYA, TURKEY 18-20 APRIL



## “Equity and Prosperity For All”

Maritim Resort Hotel Convention Center  
Belek, Antalya, Turkey  
18-20 April 2016

# CONGRESS PROGRAMME

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# Welcome Letter



By Joel G. Newman, Chairman  
International Feed Industry Federation (IFIF)

Dear Colleagues,

It is with great pleasure that I welcome you to our 5th Global Feed & Food Congress (GFFC), organized by the International Feed Industry Federation (IFIF) in cooperation with the European Feed Manufacturers' Federation (FEFAC) and hosted by the Turkish Feed Manufacturers' Association (TURKIYEMBIR), with technical support provided by the Food and Agriculture Organization of the United Nations (FAO).

I am absolutely delighted that the 5th GFFC will be held in Turkey, which is at the heart of a fast growing region for the feed & food sector, and we are honored that the Honorable Faruk Çelik, Minister for Agriculture, will open our proceedings on Monday afternoon, 18 April 2016.

The theme of the 5th GFFC 'Equity and Prosperity for all' links to the global challenge to provide safe, affordable, nutritious and sustainable animal protein sources to feed 9 billion people by 2050 and reflects our shared vision to achieve this for a growing world population now and for the future. I believe this theme reflects the aspiration of the whole feed & food value chain as well as IFIF's view on sustainability: 'produce more safe quality food, using less, at an affordable cost to the consumer.'

The 5th GFFC will bring together close to 1000 delegates from Turkey and from around the world with over 65 exceptional speakers who will provide their insights and expertise in plenaries and workshops. As you can see from our ambitious and varied agenda, the GFFC can rightly claim to be the leading global platform to discuss critical feed and food issues. The sessions at this Congress will cover the whole feed manufacturing and food processing value chain, with a special focus on Sustainability, Markets & Trade, Global Regulations & Trade Facilitation, Biosecurity along the Feed & Food Chain, Animal Nutrition, Innovation and R&D.

In addition to world-class experts, I am pleased we are joined by high-level speakers from global intergovernmental institutions, including from the FAO and the World Organization for Animal Health (OIE) as well as CEO's from leading global animal nutrition and food companies, food chain partners, national authorities, the research community and international civil society organizations at the Congress.

Since the Global Feed & Food Congress was first launched in 2005 by IFIF together with the FAO, we have held four very strong events, with our last Congress in Sun City, South Africa breaking all records in terms of attendance, speakers and program quality. Our aim, together with the FAO and our regional partners, has always been to provide a global platform for industry, experts and governments to come together to discuss critical issues of food and feed safety, technology and sustainability. In this endeavor, the last Congresses have succeeded brilliantly and I am proud to say that the GFFC has established itself as the leading global event of its kind.

I have absolutely no doubt that the 5th Global Feed & Food Congress in Antalya will not only meet the high standards set in the past, but will surpass them. I want to take this opportunity to thank Ulku Karakus, President of TURKIYEMBIR and his entire Board of Directors for their warm welcome and for hosting us in Antalya. I also extend my profound thanks to Prof. Nizamettin Şenköylü, Secretary-General TURKIYEMBIR and Chair of the 5th GFFC Organizing Committee, for his dedicated work together with his team over the last two years to make this event a reality.

I want to recognize the FAO for all their support, which has gone into the organization of this Congress, in particular Dr. Berhe Tekola and his team at the Animal Production and Health Division, many of whom will be with us at the Congress.

Thank you to all our amazing sponsors and exhibitors who recognize the value of being involved and present at such an international and cross disciplinary event.

Thank you also to all our IFIF members, especially our Board of Directors, for their support and dedication to the GFFC, as well as the continued support of IFIF's mission as the voice of the global feed industry as an essential participant in the food chain that provides sustainable, safe, nutritious and affordable food for a growing world population.

Finally I want to thank Alexandra de Athayde, IFIF's Executive Director, for her leadership and together with Dr. Sebastian Csaki for their great work and strong efforts to bring us all together at this Congress.

We look forward to excellent discussions and I encourage you to actively participate and share your perspectives, which will enhance the value of this Congress for all participants. Please do not hesitate to contact me at [info@ifif.org](mailto:info@ifif.org) with any questions or comments.

Yours sincerely,

**Joel G. Newman**  
Chairman  
International Feed Industry Federation

# Welcome Letter



By Ruud Tijssens, President  
European Feed Manufacturers' Federation (FEFAC)

Dear Guests,

It is with great pleasure that I welcome you to the 5th Global Food & Feed Congress in Antalya. The 5th GFFC is a collaborative milestone for the first time bringing together IFIF, FAO, FEFAC and TURKIYEMBIR to organise this event in such an important region of the world for feed & food production.

The GFFC Congress motto "Prosperity and Equity for All" provides the right setting to respond to current key challenges, particularly the ones listed in the UN Sustainable Development Goals, which were published in September 2015. The 5th GFFC coincides with the XXVII FEFAC Congress on "Societal Acceptance of Livestock & Feed Production in the EU", which is closely linked to the key topics which will be addressed by the GFFC.

In the wake of the COP21 agreement in December 2015 in Paris and the release of the European Commission's Circular Economy Package in the same month, I see in fact more opportunities for the European and global feed industry than challenges. Our industry clearly is part of the solution when it comes to creating jobs in rural areas, developing climate change mitigating strategies or help reducing anti-microbial resistance through balanced animal nutrition. We should use these high-level events to demonstrate what our industry is capable of achieving.

It is our knowledge-driven animal nutrition science that allows feed manufacturers to incorporate co-products in compound feed, providing essential nutrients to our farm animals while reducing food waste and making food and feed chains as resource efficient as they are today. It should become common knowledge that the feed industry is involved at various steps of the production process of so many consumer products, saving the resources no longer suitable for human consumption. At the same time, we need to continue to push further for more efficiency gains through innovation, which is vital for maintaining and improving sustainable and competitive livestock production in Europe.

It would be a great achievement to see the feed industry's direct contribution to the sustainability of animal products clearly visible throughout the food chain by using reliable, peer-reviewed LCA data. FEFAC, together with IFIF and its US and Canadian sister organisations AFIA and ANAC, as well as other feed chain partners, launched the Global Feed LCA Institute which will collect LCA data for all important globally traded feed ingredients, including additives, in the well-established and successful joint partnership with the FAO LEAP project.

FEFAC will also continue to support IFIF and FAO in increasing further global feed safety management capacities by sharing best management practices and information on emerging feed safety and biosecurity challenges. We are highly aware of the need to improve communication within the global feed supply chain as well as towards public authorities and downstream chain partners. Increasing our sector capabilities to detect and control any emerging feed safety challenge at the earliest stage possible to prevent any further contamination in the food chain is of vital importance.

I wholeheartedly thank TURKIYEMBIR for hosting us at this wonderful location as well as IFIF and the FAO for their collaboration and support to the 5th GFFC jointly in Turkey. Finally it is my pleasure to invite all delegates from around the world to join us for the XXVII FEFAC Congress on 21-22 April, which will be held directly following the GFFC.

Yours sincerely,

**Ruud Tijssens**  
FEFAC President

# Welcome Letter



**M. Ülkü Karakuş, President**  
Turkish Feed Manufacturers' Association (TURKIYEMBİR)

Dear Guests,

It is indeed a great honor for us to host the 5th Global Feed & Food Congress in this beautiful part of Mediterranean in collaboration with IFIF, FEFAC and FAO. We are absolutely delighted to have this global event coinciding with our successfully biannual held TUYEM.

As Feed and Food sector representatives we are definitely aware of the decrease in global starvation and on the contrary escalating demand for fancy food (protein). However we are facing more challenges than ever before in satisfying the demand. The major challenges that negatively affect food supply are the increase in population and per capita income, climate change, urbanization and the dilemma in converting food into energy sources (bioethanol/biofuel).

Despite the possibility to satisfy the increased food demand by means of industrialization and introduction of new technologies, environmental issue, sustainability in animal production, supply of food at affordable prices, and providing fair income for the farmer are the most prominent elements to be dealt with.

The theme "Equity and prosperity for All" of the Congress was adopted to underline fair growth in livestock and poultry production. Family scale farming and animal production especially in developing countries tend to disappear due to industrialization and urbanization. In order to facilitate this transition process and allow equal growth in feed and food sectors small scale farming should be supported and organized firmly. One of the most typical example could be India which started food importation for the first time for the last one and a half decade period. In other words conventional food production does not any more satisfy the increasing population of this country.

I would like to mention a few things about Turkey for those who have no idea about this country; Turkey is the main bridge between Europe, Asia and Africa in terms of trade, transportation and transport of energy sources from east to west. It is a central country in terms of culture and common history in the region too.

The agricultural importance of the country is associated with "holy crescent" which covers south east part of the country. This region is the place for staple food such as wheat, barley, lentil, chickpea, and peas where they were domesticated from wild varieties some 10-12 thousand year ago and emanated to different regions of the world through migratory routes. Contemporary seed breeders have been made use of these region's gene sources in order to develop new varieties which are resistant against diseases or drought tolerant for their seed improvement programs.

Turkey has important animal production by raising 14 million cattle, 31 million sheep, 10 million goat and over 2 million tons of poultry meat and one million tons of egg. Feed sector is continuously growing each year by 10% for a long time. Last year's 20 million ton compound feed production is expected to reach 30 million tons within 5-10 years. This country has a potential to produce more, so we invite you come and share this development with us.

We are honored by participation of our internationally recognized speakers, global leaders and CEOs, representatives of government and private sector who will broaden our vision and give us insight in the areas of technology, trade and economic developments, we appreciate your contribution in advance.

We thank so much to our sponsors for their generous support which made it possible to organize this congress, thank to exhibitors for their enthusiastic participation and to our media partners for their interest in publicizing our congress.

We finally thank to IFIF President Mr. Joel Newman, to the former President Mr. Mario Cutait and Board of Directors for deciding to hold the 5th GFFC in Antalya/Turkey. We also thank to IFIF Executive Director Alexandra de Athayde and to Deputy Executive Director Dr. Sebastian Csaki, to FEFAC Secretary General Alexander Döring and TURKIYEMBİR Secretary General Prof. Dr. Nizamettin Şenköylü and their teams for their meticulous and diligent work in organizing this outstanding event.

We thank you again for your participation and contribution to the congress in advance and hope that the success of the event will be unforgettable.

Yours sincerely,

**M. Ülkü Karakuş**  
Turkish Feed Manufacturers' Association President

# About



**International Feed Industry Federation (IFIF) - Organiser**  
[www.ifif.org](http://www.ifif.org)

The International Feed Industry Federation (IFIF) represents and promotes the global feed industry as an essential participant in the food chain that provides sustainable, safe, nutritious and affordable food for a growing world population.

IFIF is made up of national and regional feed associations from Africa, Asia Pacific, Europe, North and South America and the Middle East, as well feed related organizations and corporate members from around the globe. Overall, IFIF members represent over 80% of total compound animal feed production worldwide.

IFIF believes that only by working together with all stakeholders in the feed and food chain, including governments, the private sector and non-governmental groups, can we meet the demands of 60% more food, including animal proteins like beef, poultry, fish and dairy products in the future.

IFIF helps to ensure high standards of health and welfare for animals and people, by collaborating with the United Nations Food and Agriculture Organization (FAO), the World Organisation for Animal Health (OIE), the Codex Alimentarius Commission and other international bodies to help set international regulatory standards for the whole feed chain and support fair trade.

The Global Feed & Food Congress series was launched in 2005 by IFIF in cooperation with the FAO to provide a global platform for industry and governments to come together to discuss critical issues of food and feed safety, technology and sustainability. The tri-annual Congress has established itself as the leading global event of its kind and was last held in Sun City, South Africa, in April 2013.

For more information on IFIF please visit [www.ifif.org](http://www.ifif.org) or contact Alexandra de Athayde, Executive Director, at [info@ifif.org](mailto:info@ifif.org).



**Food and Agriculture Organization of the United Nations (FAO) - Technical Support**  
[www.fao.org](http://www.fao.org)

Achieving food security for all is at the heart of FAO's efforts – to make sure people have regular access to enough high-quality food to lead active, healthy lives.

Our three main goals are: the eradication of hunger, food insecurity and malnutrition; the elimination of poverty and the driving forward of economic and social progress for all; and, the sustainable management and utilization of natural resources, including land, water, air, climate and genetic resources for the benefit of present and future generations.

Our strategic objectives are:

- Help eliminate hunger, food insecurity and malnutrition
- Make agriculture, forestry and fisheries more productive and sustainable
- Reduce rural poverty
- Enable inclusive and efficient agricultural and food systems

The FAO Animal Production and Health Division continues to provide extensive information and capacity development on different issues regarding animal nutrition, feeds and feeding. In collaboration with IFIF and national feed industry associations, FAO has organized, since 2005 four Global Feed and Food Congresses (Brazil 2005 and 2007, Mexico 2010, South Africa 2013).

# About



The European Feed Manufacturers' Federation (FEFAC) – Co-organizer

[www.fefac.eu](http://www.fefac.eu)

The European Feed Manufacturers' Federation (FEFAC) was founded in 1959 by five national compound feed associations from France, Belgium, Germany, Italy and the Netherlands.

FEFAC membership today consists of 25 national associations in 24 EU Member States as full members as well as Associations in Switzerland, Turkey, Norway, Serbia and Russia with observer/associate member status. The European compound feed industry employs over 110,000 persons on app. 4,000 production sites often in rural areas, which offer few employment opportunities. Farm animals in the EU-28 consume an estimated 480 million tons of feed a year, of which about 30% are produced by the compound feed manufacturers. Turnover of the European compound feed industry is estimated at 50 billion.

FEFAC is the only independent spokesman of the European Compound Feed Industry at the level of the European Institutions. FEFAC holds observer status in CODEX Alimentarius.

FEFAC's mission is to:

- Represent, defend and promote the interests of the European compound feed industry to the European Institutions;
- Lobby for a legislative framework and its implementation, without discrimination in EU Member States so as to maximize market opportunities for EU compound feed companies;
- Safeguard conditions of free access to raw materials, the proper functioning of their markets and the definition of their quality;
- Develop professional rules and good manufacturing practices including the sourcing of feed materials that ensure the quality and the safety of compound feed;
- Encourage the sustainable development of livestock production responding to the market requirements, so as to maximize market opportunities for EU compound feed companies;
- Encourage the development of precompetitive European feed-related Research & Development projects seeking to enhance the EU feed & livestock sectors competitiveness and capacity to innovate in and/or transfer science and technology based solutions to improve the sustainability of resource efficient livestock production systems.



Turkish Feed Manufacturers' Association (TURKIYEMBIR) – Host

[www.yem.org.tr](http://www.yem.org.tr)

Turkish Feed Manufacturers' Association (TURKIYEMBIR) established under the name of "feed manufacturers' association" in 1974 by 7 feed manufacturers following the entry into force of Turkish Feed Law. After the special initiatives the association gained the "Turkish" word front its name by the Turkish cabinet decision.

It is a unique NGO of feed manufacturers in Turkey, executes lobbying and special activities and also it is accepted as a solitary representative of Turkish feed manufacturers by government, ministry and related general directorates.

The association acts for sustainable development of Turkish compound feed sector. It aims to increase the sector competitiveness against competitors around the world and provide opportunities to citizens for their healthy and affordable protein consumption as well as increase the livestock production and exportation.

TURKIYEMBIR has 164 members which represent 80% of the total 20 million tons/year compound feed production of Turkey. Our main aims are to guide the compound feed manufacturers and their employees according to their social, technical and economical requirements, to assure the members' rights against private and legal entities and to establish close solidarity between members.



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# CONGRESS OUTLINE

## Monday 18 April 2016

07:00 - 09:00	Breakfast
07:30 - 12:30	Registration
12:30 - 14:00	Lunch
14:00 - 15:00	Registration
15:00 - 18:00	OPENING SESSION (Congress Plenary Hall)
18:00 - 18:30	Free
18:30 - 20:00	GFFC Cocktail Reception
20:00 - 22:00	Dinner

## Tuesday 19 April 2016

	PLENARY ROOM	WORKSHOP ROOM
07:00 - 09:00	Breakfast	
09:00 - 10:45	Plenary 1 - SUSTAINABILITY	
10:45 - 11:15	Coffee Break	
11:15 - 13:00	Plenary 2 - MARKETS & TRADE	Workshop 1 - IFIF IFRM WORKSHOP ON GLOBAL REGULATORY STANDARDS
13:00 - 14:30	Lunch	
14:30 - 16:15	Plenary 3 - GLOBAL REGULATIONS & FEED TRADE FACILITATION	Workshop 2 - SUSTAINABLE AQUACULTURE - PROSPECTS & CHALLENGES
16:15 - 16:45	Coffee Break	
16:45 - 18:30	Plenary 4 - BIOSECURITY ALONG THE FEED & FOOD CHAIN	Workshop 3 - IFIF IFRM WORKSHOP 'SHARING GOOD FEED MANUFACTURING PRACTICES GLOBALLY - PRACTICAL APPLICATIONS'
18:30 - 19:00	HALL A - Vernissage: Opening of Photographic Exhibition "Views of the World"	
19:00 - 22:00	Dinner	

## Wednesday 20 April 2016

	PLENARY ROOM	WORKSHOP ROOM
07:00 - 09:00	Breakfast	
09:00 - 10:45	Plenary 5 - ANIMAL NUTRITION	Workshop 4 - CAPACITY DEVELOPMENT FOR FEED SAFETY INITIATIVES
10:45 - 11:15	Coffee Break	
11:15 - 13:00	Plenary 6 - INNOVATION AND R&D	Workshop 5 - SUSTAINABLE FEED & LIVESTOCK INITIATIVES
13:00 - 14:30	Lunch	
14:30 - 16:30	Global Leaders Panel - EQUITY & PROSPERITY FOR ALL - THE FUTURE	
16:30 - 17:00	GFFC CLOSING CEREMONY	
17:00 - 20:30	Free	
20:30 - 24:00	GFFC Gala Dinner	



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# Programme: Monday 18 April 2016

## PLENARY ROOM

15:00 – 18:00	<b>OPENING SESSION</b>
	Delegates Welcome
15:15 – 16:15	<b>Prof. Dr. Nizamettin Şenköylü, Chair, Organizing Committee</b>
	<b>Ms. Alexandra de Athayde, Executive Director, IFIF</b>
	<b>Moderator: Jacki Davis, Managing Director, Meade Davis Communications</b>
	Opening Address - TURKIYEMBIR Turkish Feed Manufacturers' Association
	<b>Speaker: Ülkü Karakus, President</b>
	Opening Address - The European Feed Manufacturers' Federation (FEFAC)
	<b>Speaker: Ruud Tijssens, President</b>
	Opening Address - International Feed Industry Federation (IFIF)
	<b>Speaker: Joel Newman, Chairman</b>
	Opening Address - Food and Agriculture Organization of the United Nations (FAO)
	<b>Speaker: Prof. Dr. Jose Graziano da Silva, Director General</b>
	Opening Address - Turkish Minister of Food, Agriculture and Livestock
	<b>Speaker: Hon. Faruk Çelik</b>
16:15 - 16:45	Artistic Programme
16:45 – 18:00	Opening of The Exhibition
18:00 - 18:30	Free
18:30 - 20:00	GFFC Cocktail Reception
20:00 - 22:00	Dinner

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# Programme: Tuesday 19 April 2016

PLENARY ROOM		
09:00 - 10:45	Plenary 1 – SUSTAINABILITY Moderator: Ruud Tijssens, Board of Directors, IFIF, President, FEFAC	
09:00 - 09:15	Meeting the Sustainability Challenge - 2050	
	Speaker: Prof. Dr. Leo den Hartog, Director R&D, Nutreco	
09:15 - 09:30	Sustainable Livestock Production: Contradiction Between Industrial Farms, Family Farms and Consumers	
	Speaker: Prof. Dr. Türker Savaş, Çanakkale Onsekiz Mart University	
09:30 - 09:45	FAO Global Sustainability Initiatives - Global Agenda & LEAP	
	Speaker: Dr. Henning Steinfeld, Coordinator, Livestock Sector Analysis and Policy Branch, FAO	
09:45 - 10:00	Global Feed Industry Sustainability Initiatives	
	Speaker: Prof. Dr. Frank Mitloehner, University of California Davis	
10:00 - 10:15	Meeting Consumer Expectations in the Era of Sustainability	
	Speaker: Pinar Hosafci, Food Analyst, Euromonitor International	
10:15 - 10:45	Plenary 1 - Discussion	
10:45 – 11:15	Coffee Break	
PLENARY ROOM		WORKSHOP ROOM
11:15 - 13:00	Plenary 2 - MARKETS & TRADE Moderator: Dr. Reinder Sijtsma, Board of Directors IFIF, Quality Director, Nutreco	Workshop 1 – IFIF IFRM WORKSHOP ON GLOBAL REGULATORY STANDARDS  Moderator: Catherine Italiano, National Manager, Canadian Food Inspection Agency (CFIA)
	The Global Economy and Turkey: 2016 and Beyond  Speaker: Durmuş Yılmaz, Former President of Turkish Central Bank	VICH - International Cooperation on Harmonisation of Technical Requirements for Registration of Veterinary Medicinal Products Overview  Speaker: Carel du Marchie Sarvaas, Executive Director, HealthforAnimals
11:30 - 11:45	China’s Quest for Protein  Speaker: Matthijs Mondria, Managing Director, Global Sector Head Farm Inputs, Rabobank	IFIF Convergence Project: Harmonizing the Authorization Process and Risk Assessment of Novel Feed Ingredients Across Regulatory Jurisdictions  Speaker: Alexandra de Athayde, Executive Director, IFIF
	Global Agricultural Commodity Outlook  Speaker: Michael Ricks, Senior Portfolio Manager, Cargill	Global Regulatory Standard & Trade Facilitation  Speaker: Johan den Hartog, Managing Director, GMP+ International
12:00 - 12:15	The Challenges of Developing Secure Farm to Fork Supply Chains  Speaker: Dr. Marcos Jank, Vice President - Corporate Affairs and Business Development, BRF	
12:15 - 12:30	Ensuring Sustainable Dairy Production in a Challenging Economic Environment  Speaker: Muharrem Yılmaz, President, SUTAŞ A.Ş.	Workshop 1 - Discussion
	12:30 - 13:00	
13:00 - 14:30	Lunch	

Introduction

Programme

Speakers

Sponsors

Exhibitors

Media Partners

# Programme: Tuesday 19 April 2016

	PLENARY ROOM	WORKSHOP ROOM
14:30 - 16:15	Plenary 3 - GLOBAL REGULATIONS & FEED TRADE FACILITATION Moderator: Joel Newman, Chairman, IFIF	Workshop 2 - SUSTAINABLE AQUACULTURE - PROSPECTS & CHALLENGES Moderator: Mario Sergio Cutait, Board of Directors IFIF, Director, M.Cassab
14:30 - 14:45	Key Outcomes of the FAO/WHO Experts Meeting on Hazards Associated with Animal Feed Speaker: Daniela Battaglia, Livestock Production Officer, FAO	Opportunities and Challenges in the Use of Plant Protein Concentrates in Feeds for Carnivorous Fish Speaker: Prof. Dr. Trond Storebakken, Norwegian University of Life Sciences
14:45 - 15:00	CODEX and Feed & Food Safety Speaker: Dr. Annamaria Bruno, Senior Food Standards Officer, Codex Alimentarius Commission	PROteINSECT Project & Aquaculture Tilapia Insect Feeding Trial Speaker: Dr. Elaine Fitches, Coordinator, PROteINSECT Project
15:00 - 15:15	Global Regulatory Standards & Trade Facilitation - Industry Initiatives Speaker: Dr. Karine Tanan, Chair, IFIF Regulatory Committee	Marine Origin Feed Ingredients and Contributions Towards Sustainable Aquaculture Speaker: Dr. Neil Auchterlonie, Technical Director, The Marine Ingredients Organisation (IFFO)
15:15 - 15:30	FEEDLATINA/STDF/PG/345: Feed and Food Security Program Speaker: Mauricio Najera, Director, Animal Feed Control Office, SENASA, Costa Rica	Sustainable Aquaculture in Turkey - A success story Speaker: Hasan Girenes, Vice President - Agriculture, Livestock and Fisheries, Livestock and Aquaculture Group of Yaşar Holding
15:30 - 15:45	Feed and Food Security in Turkey and Harmonization with EU Speaker: Muharrem Selçuk, Deputy Director General, Food and Control, Ministry of Food, Agriculture and Livestock, Republic of Turkey	Importance of Rendered By-Products in Sustainable Feeding Speaker: Dr. Martin Alm, Vice President, World Renderers Organisation (WRO)
15:45 - 16:15	Plenary 3 - Discussion	Workshop 2 - Discussion
16:15 - 16:45	Coffee Break	



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# Programme: Tuesday 19 April 2016

	PLENARY ROOM	WORKSHOP ROOM
16:45 - 18:30	Plenary 4 - BIOSECURITY ALONG THE FEED & FOOD CHAIN Moderator: Alexander Döring, Secretary General, FEFAC	Workshop 3 - IFIF IFRM WORKSHOP 'SHARING GOOD FEED MANUFACTURING PRACTICES GLOBALLY - PRACTICAL APPLICATIONS' Moderator: Dr. Annamaria Bruno, Senior Food Standards Officer, Codex Alimentarius Commission
16:45 - 17:00	The Importance of Animal Health for Feed and Food Safety Speaker: Dr. Gillian Mylrea, International Trade Department, OIE	IFIF FAO Feed Manual of Good Practices - Practical Applications Speaker: Angela Pellegrino Missaglia, Consultant, Sindirações
17:00 - 17:15	Implementation and Importance of the Codex TF AF Guidelines Speaker: Dr. Eva Reinhard, Deputy Director General, Swiss Federal Office for Agriculture (FOAG)	Method of Analysis Towards Feed Safety Speaker: Dr. Christoph von Holst, DG Joint Research Centre, European Commission
17:15 - 17:30	Slowing the Spread of Foreign Animal Diseases: An Approach to Biosecurity for Feed in the U.S Speaker: Dr. Henry Turlington, Director of Quality and Manufacturing Regulatory Affairs, AFIA	Workshop 3 - Discussion
17:30 - 17:45	IFIF Global Animal Nutrition Programme - 'Train the Trainer' Speaker: Dr. Daniel Bercovici, Board of Directors IFIF, President, Ajinomoto Eurolysine SAS	
17:45 - 18:00	Biosecurity and Hygiene in Feed Production Speaker: Fabrice Putier, Manager, Tecaliman	
18:00 - 18:30	Plenary 4 - Discussion	
18:30 - 19:00	HALL A - Vernissage: Opening of Photographic Exhibition "Views of the World"	
19:00 - 22:00	Dinner	



## Yıllardır aynı güven, aynı şefkat

Beyaz et ihracatımızın yükseldiği şu günlerde riske girmeyin! Üretimde kalite standardını tutturmak için kullanılan ürünlerin, sağlık ve CE kalite belgelerine sahip olmaları gerekir. Tamamı ile yerli üretim Soda Sanayii A.Ş. ürünü olan, güvenle kullanabileceğiniz, yıllardır bildiğiniz **Sodyum Bikarbonat**.

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# Programme: Wednesday 20 April 2016

	PLENARY ROOM	WORKSHOP ROOM
09:00 - 10:45	Plenary 5 - ANIMAL NUTRITION Moderator: Dr. Daniel Bercovici, Board of Directors IFIF, President, Ajinomoto Eurolysine SAS	Workshop 4 - CAPACITY DEVELOPMENT FOR FEED SAFETY INITIATIVES  Moderator: Dr. Sabine Kruse, Deputy Head of Section, German Federal Ministry of Food and Agriculture
09:00 - 09:15	Recent Advances in Energy and Protein Evaluation of Poultry and Pig Feeds  Speaker: Dr. Jean Noblet, Institut National de la Recherche Agronomique	FAO Multi-Stakeholder Partnership Programme for Capacity Development for Feed Safety  Speaker: Daniela Battaglia, Livestock Production Officer, FAO
09:15 - 09:30	Changes in Feeding Value of Corn and Grass Silages During the Ensiling Period for Ruminants  Speaker: Ir. Rolf Speelman, Business Development Manager Ruminants, Schothorst Feed Research	IFIF 'Train the Trainer' - Pilot Nigeria  Speaker: Dr. Godwin Oyedele Oyediji, Registrar/CEO, Nigerian Institute of Animal Science (NIAS)
09:30 - 09:45	Precision Nutrition for Ruminants  Speaker: Prof. Dr. Glen Broderick, University of Wisconsin, Madison	Campus Virtual Project  Speaker: Ana Marisa Cordero, Agricultural Health and Food Safety Specialist, Inter-American Institute for Cooperation on Agriculture (IICA)
09:45 - 10:00	Nutritional Tools to Control Gut Health  Speaker: Prof. Dr. Richard Ducatelle, Genth University	Ethiopian Feed Safety Needs and Capacity Development Initiatives  Speaker: Jaliata Moti Cheru, Director of Feed Registration and Certification, Veterinary Drug and Animal Feed Administration and Control Authority, Ethiopia
10:00 - 10:15	Reduction in Metabolic Disorders in Dairy Cattle on Feeding a Balanced Ration  Speaker: Dr. M.R. Garg, General Manager, National Dairy Development Board, Gujarat, India	Enhancing Feed Quality and Safety in Developing Countries: Ongoing Capacity Development Activities of Some International Organizations  Speaker: Prof. Dr. Harinder Makkar, Animal Production Officer, FAO
10:15 - 10:45	Plenary 5 - Discussion	Workshop 4 - Discussion
10:45 - 11:15	Coffee Break	

# Programme: Wednesday 20 April 2016

	PLENARY ROOM	WORKSHOP ROOM
11:15 - 13:00	Plenary 6 - INNOVATION AND R&D Moderator: Prof. Dr. Nizamettin Şenköylü, Secretary General, TURKIYEMBIR	Workshop 5 - SUSTAINABLE FEED & LIVESTOCK INITIATIVES Moderator: Prof. Dr. Frank Mitloehner, University of California Davis
11:15 - 11:30	Innovative Novel Technologies in Feed Processing Speaker: Prof. Dr. Charles Stark, Kansas State University	The Protein Challenge 2040: Shaping the Future of Food Speaker: Simon Billing, Principal Sustainability Advisor, Forum for the Future
11:30 - 11:45	Recent Advances in Beef Cattle Nutrition Speaker: Prof. Dr. Kendall Swanson, NDSU Animal Sciences Department	The LEAP Initiative - Guidelines on Feed Supply Chains & LEAP+ Speaker: Dr. Henning Steinfeld, Coordinator, Livestock Sector Analysis and Policy Branch, FAO
11:45 - 12:00	Alternative Source for Protein Production Speaker: Prof. Dr. Marinus van Krimpen, Wageningen University	The Global Feed LCA Institute (GFLI) Speaker: Nicolas Martin, Policy Advisor, FEFAC
12:00 - 12:15	Innovations in Feed Additives Speaker: Arno van der Aa, Business Development Manager, Orffa	The SFIS Project - Specialty Feed Ingredients Contributing to Livestock Sustainability Speaker: Dr. Michael Binder, Chair, SFIS Technical Board
12:15 - 12:30	Biotech Pipeline & Economic Implications for the Food and Feed Industry Speaker: Prof. Dr. Nicholas Kalaitzandonakes, University of Missouri	Importance of SFIS as the Link Between Feed and Food Efficiency on the Farm Speaker: Philippe Becquet, Chair, SFIS Management Board
12:30 - 13:00	Plenary 6 - Discussion	Workshop 5 - Discussion
13:00 - 14:30	Lunch	
14:30 - 16:30	Global Leaders Panel : 'EQUITY & PROSPERITY FOR ALL - THE FUTURE' Moderator: Jacki Davis, Managing Director, Meade Davis Communications	
14:30 - 14:45	Global Leader - Panelist 1 Speaker: Prof. Dr. Jose Graziano da Silva, FAO Director General	
14:45 - 15:00	Global Leader - Panelist 2 Speaker: Joe Stone, Vice President & Chief Risk Officer, Cargill; Head Cargill Animal Nutrition	
15:00 - 15:15	Global Leader - Panelist 3 Speaker: Knut Nesse, CEO, Nutreco	
15:15- 15:30	Global Leader - Panelist 4 Speaker: Durmuş Yılmaz, Former President of Turkish Central Bank	
15:30 - 15:45	Global Leader - Panelist 5 Speaker: Dr. Marcos Jank, Vice President - Corporate Affairs and Business Development, BRF	
15:45 - 16:30	Global Leaders Panel Discussion	
16:30 - 17:00	GFFC Closing Ceremony	
20:30 - 24:00	GFFC Gala Dinner	

Introduction

Programme

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## 5<sup>th</sup> GFFC Opening Session

Monday, 18 April 2016

15:00 – 18:00

### OPENING SESSION



#### **MODERATOR: Jackie Davis**

**Managing Director, Meade Davis Communications**

Jackie Davis is an experienced journalist, speaker and moderator of high-level events both in Brussels and in EU national capitals, the editor of many publications, a regular broadcaster on television and radio news programmes, and a Senior Adviser to the European Policy Centre think tank. Jackie has been based in Brussels for 21 years, and was previously Communications Director of the European Policy Centre think tank; Editor-in-Chief of E!Sharp magazine; and launch editor of European Voice, the Brussels-based weekly newspaper owned by The Economist. Jackie has moderated many conferences in Brussels and in EU Member States, and also has extensive experience in planning events. She can provide not only top-quality moderation of the event itself and ensure lively and highly interactive debates, but also advice and guidance on how to plan a successful event, how to frame the debate and brief speakers to deliver the desired outcomes etc. She is also an experienced public speaker on EU affairs, and a provider of training courses on everything from how to communicate more effectively in writing to public speaking and working with the media.



#### **OPENING ADDRESS**

**Ülkü Karakuş, President**

**TURKIYEMBIR Turkish Feed Manufacturers' Association**

M. Ülkü Karakuş graduated from Department of Animal Science of Agriculture Faculty of Atatürk University in 1986. After his graduation he worked for Hoffman LaRoche Inc. for ten years. At the end of 1995 he decided to make his own business at the feed sector. Then he became a partner owner of a feed mill in Ankara. Later he established broiler farms and started broiler production. Afterwards he managed various enterprises such as feed ingredient supply, beef cattle and red meat production. He served as a board member in the Turkish Agriculture Engineers Union from 1997 to 1998. He has been serving to Turkish feed industry as a board member in TURKIYEMBIR for more than 20 years. He also has been the elected president of the Turkish Feed Manufacturers' Association since 1998. He is married with Emine Karakuş and has two daughters and a son.



#### **OPENING ADDRESS**

**Ruud Tijssens**

**Board of Directors IFIF, President, FEFAC**

Since 2010 Mr Tijssens is working at the Dutch based Agrifirm Group as director R&D and CSR. From January 2012 his main task was Director Corporate Affairs. In 2011 he became Chairman of the Taskforce Sustainability of FEFAC, project leader on the transition of sustainable soy in the Netherlands and chairman of a large research consortium (Feed4Foodure) from the Dutch Feed Industry, Wageningen University and Research and the Dutch Government (so-called Topsector project). Mr. Tijssens is member of several organizations in the Feed sector. As of June 2013 Mr. Tijssens is appointed to President of FEFAC. Mr. Tijssens is 52 years old, married and is blessed with a son and a daughter.



#### **OPENING ADDRESS**

**Joel Newman**

**Chairman, IFIF**

Joel G. Newman, President and CEO of the American Feed Industry Association (AFIA), was elected IFIF Chairman for the 2016-2017 term at IFIF's 28th Annual General Assembly held at FAO Headquarters in Rome on 13 October 2015. Mr. Newman previously served as Chair of IFIF's Policy Committee and he brings more than three decades of diverse executive experience in agribusiness with United Cooperative Farmers, Maple Leaf Foods and Agway, as well as his longstanding experience both with IFIF as well as international feed industry matters, to the role of IFIF Chairman. After joining AFIA in 2004, Mr. Newman brought an exciting new vision to the association and has effectively led the membership and staff through a landmark era of change. In 2005, US Secretary of Agriculture Mike Johanns appointed Mr. Newman to the Agricultural Trade Advisory Committee for Grains, Feed and Oilseeds. Mr. Newman holds a bachelor's degree in animal science from West Virginia University and a Master of Business Administration in Finance and Marketing from Syracuse University.

Introduction	<div data-bbox="173 172 290 324"></div> <div data-bbox="312 165 655 250"> <p><b>OPENING ADDRESS</b>  <b>Prof. Dr. Jose Graziano da Silva</b>            Director General, FAO</p> </div> <div data-bbox="312 250 1492 387"> <p>Prof. Dr. José Graziano da Silva has worked on issues of food security, rural development and agriculture for over 30 years. Since assuming his mandate as FAO Director-General in 2012, he has spearheaded major transformational changes within the Organization. These reforms have entailed refocusing FAO's work, reinforcing its institutional capacities, strengthening partnerships with civil society, private sector and academia and boosting FAO's support for South-South Cooperation. His efforts have resulted in best value for money for the Organization and its partners.</p> </div>
Programme	<div data-bbox="173 443 290 555"></div> <div data-bbox="312 436 836 521"> <p><b>OPENING ADDRESS</b>  <b>Hon. Faruk Çelik</b>            Turkish Minister of Food, Agriculture and Livestock</p> </div> <div data-bbox="312 521 1492 683"> <p>Faruk Çelik was born in Yusufeli Town of Artvin Province on January 17th, 1956. He graduated from Bursa High Islamic Institute. He is one of the founder members of Justice and Development Party. He had been elected as a Member of Parliament from Bursa for the 21st, 22nd and 23rd terms. He had been appointed as the Minister for Work and Social Security and the Minister of State in the 60th Cabinet of Turkey. Faruk Çelik had served for the second time as the Minister for Work and Social Security during the 61st Cabinet. Presently, he has been assigned as the Minister of Food, Agriculture and Livestock in the 64th Government.</p> </div>
Speakers	
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**Plenary I:  
SUSTAINABILITY**  
Tuesday, 19 April 2016  
09:00 – 10:45

## Moderator

**Ruud Tijssens**, Board of Directors IFIF, President, FEFAC

## Speakers & Presentation Titles

**Prof. Dr. Leo den Hartog**, Director R&D, Nutreco  
“Meeting the Sustainability Challenge - 2050”

**Prof. Dr. Türker Savaş** Çanakkale Onsekiz Mart University (ÇOMU), Çanakkale, Turkey  
“Sustainable Livestock Production”

**Dr. Hennig Steinfeld**, Coordinator, Livestock Sector Analysis and Policy Branch, FAO  
“Global Sustainability Initiatives - Global Agenda & LEAP”

**Prof. Dr. Frank Mitloehner**, University of California Davis  
“Global Feed Industry Sustainability Initiatives”

**Pinar Hosafci**, Food Analyst, Euromonitor International  
“Consumer Expectations”

## Session Objective

One key element of IFIF’s Mission is to continue to support and encourage the sustainable development of animal production. The Sustainability Plenary is the opening session of the Congress and in many ways will set the scene for discussions over the next two and half days. In fact, the Congress’s theme “Equity and Prosperity for All” links to the global challenge to provide safe, affordable and sustainable animal protein sources to feed 9 billion people by 2050 and is at the heart of the broader sustainability challenge.

The main aim of the session is to better understand the sustainability challenges facing the feed & food chain and examine some of the key initiatives by international organization and the private sector designed to measure and aim to meet these challenges. The session will also examine global consumer expectations with regards to food and sustainability. In particular the session will aim:

- To set the scene regarding the sustainability challenge ahead of us, in relation to the sustainable development goals adopted by the United Nations in September 2015
- To describe how IFIF and the global feed industry are involved in the development of new tools, positioning feed as a key component of sustainable livestock production systems. The GFLI, the SFIS project and the outcomes of the LEAP partnership are good examples of these new tools
- To position the feed industry more particularly as an essential contributor to climate-smart agriculture, following the recent COP 21 agreement and to discuss the level of ambition / target regarding reduction of GHG emissions
- To emphasize the potential trade-offs between the need to achieve further efficiency and the consumers’ expectations
- To engage the debate on how the feed industry should/could move from measuring its impact to initiating mitigation strategies and the possibility to quantify commitments from that perspective.

## PLENARY I: SUSTAINABILITY

**MODERATOR: Ruud Tijssens****Board of Directors IFIF, President, FEFAC**

Since 2010 Mr Tijssens is working at the Dutch based Agrifirm Group as director R&D and CSR. From January 2012 his main task was Director Corporate Affairs. In 2011 he became Chairman of the Taskforce Sustainability of FEFAC, project leader on the transition of sustainable soy in the Netherlands and chairman of a large research consortium (Feed4Foodure) from the Dutch Feed Industry, Wageningen University and Research and the Dutch Government (so-called Topsector project). Mr. Tijssens is member of several organizations in the Feed sector. As of June 2013 Mr. Tijssens is appointed to President of FEFAC. Mr. Tijssens is 52 years old, married and is blessed with a son and a daughter.



Topic: Meeting the Sustainability Challenge - 2050

**Prof. Dr. Leo den Hartog****Director R&D, Nutreco**

Prof. Dr. Leo den Hartog is Director of Trouw Nutrition R&D, a Nutreco company, and part-time professor in 'Sustainable animal nutrition in production chains' at Wageningen University. He graduated in Animal Sciences at Wageningen University, in 1978, where he also obtained his Ph.D. in 1984 on the relation between nutrition and fertility in gilts and sows.

His broad experience in animal production is reflected in over 450 scientific and applied articles and 7 books as author or co-author. He gave more than 600 lectures in over 35 different countries for e.g. scientists, advisors and farmers. He was 5 times chairman of Dutch trade missions of the ministry of Agriculture, Nature and Food Quality to China, Taiwan, South Korea, Brazil, Argentina, Chile and South Africa.



Topic: Sustainable Livestock Production

**Prof. Dr. Türker Savaş****Onsekiz Mart University (ÇOMU), Çanakkale, Turkey**

Dr. Türker Savaş completed his doctoral thesis about breeding of egg production in laying hens at the University of Kiel in Germany in 1998. He was appointed as an assistant professor at the Department of Animal Science of Trakya University in 1999. Dr. Türker Savaş took the habilitation exam in 2000 and in one year later he was appointed as an associate professor at the Department of Animal Science of the Agricultural Faculty, Çanakkale Onsekiz Mart University. He became a professor of animal science in the same department in 2006, he is an expert in animal breeding and genetics, but he is also known for his studies in animal behavior, animal welfare and small ruminant production systems. In recent years he has also dealt with the interaction of animal production systems and animal health. He is the author and coauthor of more than 60 scientific articles and more than 120 presentations at international and national conferences. Dr. Savaş is an active member of the Environment Movement Platform of Çanakkale. He is also chairman of the Çanakkale branch of the Chamber of Agriculture Engineers.



Topic: Global Sustainability Initiatives - Global Agenda &amp; LEAP

**Dr. Hennig Steinfeld****Coordinator, Livestock Sector Analysis and Policy Branch, FAO**

Henning Steinfeld is a leading agricultural economist and sustainability expert with specialized expertise in livestock policies, climate change and agricultural development. Henning obtained an M.Sc and Ph.D in agricultural economics from the Technical University of Berlin. He was a visiting scholar at Stanford University in 2005 and 2010 (Center for Environmental Science and Policy, Institute for Foreign Studies) and was awarded an Honorary doctorate in veterinary medicine, Uppsala Agricultural University, in 2012. He started his professional career with research and development assignments in Ghana, Ethiopia, Zimbabwe and Rwanda. He joined FAO in 1990 and has been working on livestock sector issues, in various positions, since 1992. He currently is Chief of the Livestock Information, Sector Analysis and Policy Branch, working on poverty issues, human and animal health threats, and environmental sustainability issues.



Topic: Global Feed Industry Sustainability Initiatives

**Prof. Dr. Frank Mitloehner****University of California Davis**

Frank Mitloehner is a Professor and Air Quality Specialist in Cooperative Extension in the Department of Animal Science at the University of California, Davis. He received his MS degree in Animal Science and Agricultural Engineering from the University of Leipzig, Germany, and his PhD degree in Animal Science from Texas Technical University. Dr. Mitloehner is an expert for agricultural air quality, livestock housing and husbandry. Dr. Mitloehner has served as chairman of a global United Nations Food and Agriculture Organization (FAO) partnership project to benchmark the environmental footprint of livestock production. He served as workgroup member on the President's Council of Advisors on Science and Technology (PCAST) and as member on the National Academies of Science Institute of Medicine (IOM) committee on "A Framework for Assessing the Health, Environmental, and Social Effects of the Food System".



Topic: Consumer Expectations

**Pinar Hosafci****Food Analyst, Euromonitor International**

Pinar Hosafci works as a Senior Food Analyst with Euromonitor International. With a background in economics, Pinar uses her knowledge to create quality data and written content on a range of topics including consumer trends, marketing strategies and product innovation. She has a keen interest in food security, sustainability and cross-cultural purchasing behaviour. Pinar writes strategic articles and briefings on food and is also consulted by global media, including Financial Times and WSJ about consumer demands and industry trends in food. She is an experienced public speaker and has delivered presentations at international conferences, such as Food Ingredients 2013, IAOM MEA 2014 and SnackEx 2015. Before joining Euromonitor, Pinar worked as an Economist in the United Nations and as a Researcher in London School of Economics. She holds a degree in Economics and Mathematics from McGill University and a master's in Development Economics from School of Oriental and African Studies.

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## LIVE EVENTS

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- » Petfood Forum Conferences & Exhibitions
- » FIAAP Animal Nutrition Conference
- » Women in Production & Processing Luncheon
- » Chicken Marketing Summit
- » International Poultry Forum China



**Plenary II:**  
**MARKETS & TRADE**  
Tuesday, 19 April 2016  
11:15 – 13:00

**Moderator**

**Dr. Reinder Sijtsma**, Board of Directors IFIF, Quality Director, Nutreco

**Speakers & Presentation Titles**

**Durmuş Yılmaz**, former President Turkish Central Bank  
“The Global Economy and Turkey: 2016 and Beyond”

**Matthijs Mondria**, Managing Director, Global Sector Head Farm Inputs, Rabobank  
“Market and Economic Outlook”

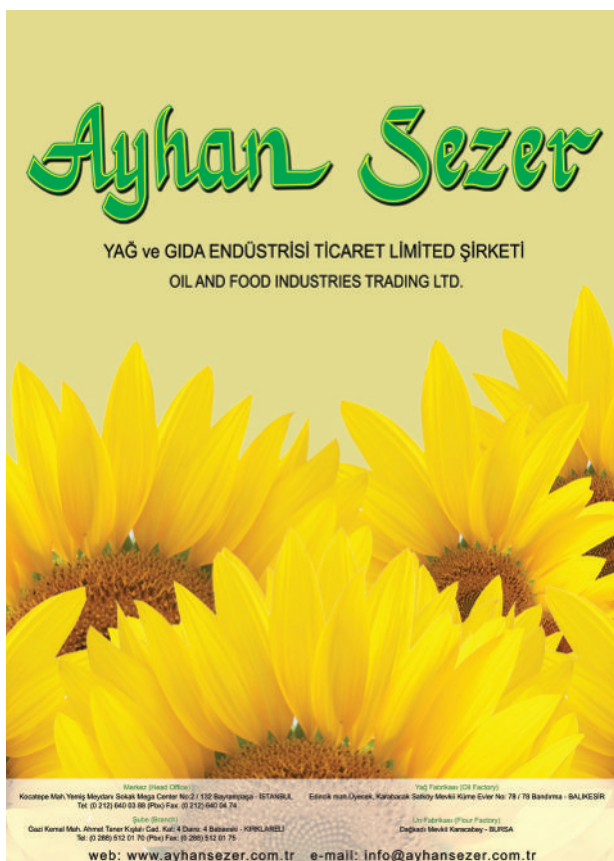
**Michael Ricks**, Senior Portfolio Manager, Cargill  
“Global Agricultural Commodity Outlook”

**Dr. Marcos Jank**, Executive Director - Global Public and Governmental Affairs, BRF  
“The Challenges of Developing Secure Farm to Fork Supply Chains”

**Muharrem Yılmaz**, President, SUTAŞ A.Ş.  
“Ensuring Sustainable Dairy Production in a Challenging Economic Environment”

**Session Objective**

One key element of IFIF's Mission is to promote a balanced regulatory framework to support a fair global playing field, facilitate market access and support the competitiveness of the feed and livestock industries. The main aim of the Markets & Trade Plenary within the GFFC theme 'Equity and Prosperity for All' is to take stock of the current global market & economic conditions as well as present to the audience an assessment of the short to medium term outlook with regards to feed, feed commodities, food and retail. The session will further examine how to facilitate fair trade in feed and food and identify obstacles, barriers and opportunities to grow the feed & food industries to support the global challenge to provide safe, affordable and sustainable animal protein sources to feed 9 billion people by 2050.




**MODERATOR: Dr. Reinder Sijtsma**
**Board of Directors IFIF, Quality Director, Nutreco**

Reinder Sijtsma obtained his PhD in nutrition at Wageningen University & Research, The Netherlands in 1989. From 1989 until now he has had several positions in R&D, nutrition, quality assurance and food safety in Nutreco, a global leader in animal nutrition and fish feed, and its former subsidiary Hendrix. His present position is Nutreco Quality Director. In this position he is responsible for quality and food safety policies and regulatory affairs at Nutreco corporate level. In addition, he is member of several committees and boards of international feed associations, including the board of IFIF.



Topic: The Global Economy and Turkey: 2016 and Beyond

**Durmuş Yılmaz**
**Former President Turkish Central Bank**

Born in 1947 at Uşak, a small town in the western part of Turkey. Having completed his primary and secondary education in the Local Schools, in the 1967-1968 academic year he went to study law at the Ankara University. While in the third year of the Faculty of Law in 1970 he won a scholarship from the Ministry of Education and went to the UK to study economics. He holds a BSc Degree in economics from the City University London and a MSc Degree in economics from the University College, London University. Upon returning to Turkey, he worked for a brief period at the Ministry of Trade and then, in 1980 moved to Central Bank of the Republic of Turkey. Joining the Bank as a management trainee, Mr Yılmaz was with the Bank for 31 years. He was awarded in: 2007 the best Central Bank Governor of the year in Emerging Market Economies Categories, 2009 most successful Central Banker of the year by Euromoney. 2010 one of the seven Central Bankers of the year.



Topic: Market and Economic Outlook

**Matthijs Mondria**
**Managing Director, Global Sector Head Farm Inputs, Rabobank**

Matthijs joined Rabobank in 2003 and oversees the client coverage business in the Farm Inputs sector. In this capacity, he is responsible for setting and executing the overall coverage strategy for wholesale banking clients of Rabobank in the sector. Matthijs started his career at ABN AMRO Bank in 1995. Matthijs joined Rabobank in 2003 as Senior Transaction Manager Leveraged Finance. From 2004 to 2007 he headed this department of Rabobank in the Netherlands. He was then appointed as Head of Corporate Clients Food & Agri in the Netherlands in 2007. In this role Matthijs has seen and managed the evolution of the F&A business in the Netherlands. In 2010 Matthijs was appointed Global Sector Head Farm Inputs in conjunction with his responsibilities in the Netherlands. Matthijs holds an MBA degree of Nijenrode University in the Netherlands and received executive management training at the Harvard Business School.



Topic: Global Agricultural Commodity Outlook

**Michael Ricks**
**Senior Portfolio Manager, Cargill**


Michael Ricks has nearly three decades of commodity-related experience and is currently a Senior Portfolio Manager with Cargill's World Trading Group based in Geneva. Previously, Mr. Ricks served as Product Line Manager at Cargill from 1999 to 2014 for North American wheat, with oversight of Cargill's Houston, Albany and Toledo-based export locations. From 1986 to 1999, he was with Continental Grain Company in a series of merchandising roles before Cargill acquired Continental Grain. He previously served as chairman and board member for the Minneapolis Grain Exchange and was a member of the CFTC's working group on commodity market convergence. Mr. Ricks graduated with honors from North Dakota State University with a bachelor's degree in Agricultural Economics. He also earned a Masters from North Dakota State University in Agricultural Economics.



Topic: The Challenges of Developing Secure Farm to Fork Supply Chains

**Dr. Marcos Jank**
**Executive Director - Global Public and Governmental Affairs, BRF**

Marcos S. Jank is the Vice President of Corporate Affairs and Business Development of BRF Asia-Pacific, living in Singapore. Current responsibilities include handling BRF's relations with governments and stakeholders in more than ten countries in the region, while providing support for partnerships and acquisitions. BRF is one of the largest and most successful food companies in the world. From 2007 to 2012, was the President and CEO of the Brazilian Sugarcane Industry Association (UNICA), main sugar-energy trade association with 136 member companies. He was also the founding president of the Brazilian Institute for International Trade Negotiations (ICONE), one of the country's leading agribusiness think-tanks. In 2001-2002, he served as Special Expert in Integration and Trade at the Inter-American Development Bank (IDB) in Washington, DC. Dr. Jank has a 18 years career as Associate Professor at the University of São Paulo's (USP) faculties of Economics (FEA) and Agriculture (ESALQ), with sabbatical periods in U.S. and European universities. He also held consulting and project coordination positions at the World Bank, IDB, FAO, OECD, UNDP, the Hewlett Foundation and other global organizations. Jank has a Ph.D. from the School of Economics and Business, University of São Paulo (USP/FEA), a M.Sc. in agri-food policies at IAM Montpellier-France and a B.Sc. in Agronomy at ESALQ. He is fluent in Portuguese, English, French, and Spanish.

Introduction	<p>Topic: Ensuring Sustainable Dairy Production in a Challenging Economic Environment</p> <p><b>Muharrem Yılmaz</b> President, SUTAŞ A.Ş</p> <p>Mr. Muharrem Yılmaz is a native of Karacabey, Bursa where he completed his primary education. After his graduation from Galatasaray High School in 1976, he obtained his B.A. degree in Economics from Uludağ University in 1980. Mr. Yılmaz was involved in his family business Süttaş, since his university years. He undertook various positions in sales and distribution, production and marketing, before he was appointed General Manager of Süttaş in 1989. Since 2005 he is the Chairman and Chief Executive Officer of Süttaş Group of Companies.</p> <p>Mr. Yılmaz served as the Chairman of TUGIAD (Young Businessmen Association of Turkey) from 1999 to 2002, Chairman of TKYD (Corporate Governance Association of Turkey) from 2011 to 2013, Vice President of TURKONFED (Turkish Enterprise and Business Confederation) from 2011 to 2013, and Chairman of TUSIAD (Turkish Industry and Business Association) from 2013 to 2014. He is fluent in French and English Mr. Yılmaz is married and has 3 children.</p>
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Speakers	
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**Plenary III:  
GLOBAL REGULATIONS & FEED TRADE FACILITATION**

Tuesday, 19 April 2016  
14:30 – 16:15

**Moderator**

**Joel Newman**, Chairman, IFIF

**Speakers & Presentation Titles**

**Daniela Battaglia**, Livestock Production Officer, FAO

“Key outcomes of the FAO/WHO Experts Meeting on Hazards Associated with Animal Feed”

**Dr. Annamaria Bruno**, Senior Food Standards Officer, Codex Alimentarius Commission

“CODEX and Feed & Food Safety”

**Dr. Karine Tanan**, Chair, IFIF Regulatory Committee

“Global Regulatory Standards & Trade Facilitation - Industry Initiatives”

**Mauricio Najera**, Director, Animal Feed Control Office, SENASA, Costa Rica

“FEEDLATINA/STDF/PG/345: Feed and Food Security Program”

**Muharrem Selçuk**, Deputy Director General, Food and Control, Ministry of Food, Agriculture and Livestock, Republic of Turkey

“Feed and Food Security in Turkey and Harmonization with EU”

**Session Objective**

One key element of IFIF’s Mission is to promote a balanced regulatory framework to support a fair global playing field, facilitate market access and support the competitiveness of the feed and livestock industries, as well as promote the adoption of international standards and global equivalency. The main aim of the Global Regulations & Feed Trade Facilitation session is to understand current efforts and issues related to global feed regulations and how this can support or hinder fair trade. This links closely to the Congress’s theme “Equity and Prosperity for All” and the global challenge to provide safe, affordable and sustainable animal protein sources to feed 9 billion people by 2050.

Feed & food safety must be the foundation of the global food chain and the session will examine efforts on assessing hazards associated with animal feed, as well as looking at current efforts to address feed and food safety within the Codex Alimentarius. One critical element to support both increased production and availability of feed & food is fair trade and global standards and IFIF will outline some of the efforts being undertaken to this end. An important initiative in Latin America aims to drive feed and food safety and security through a multi country programme. Finally the session will hear from the Turkish Agriculture Ministry about some of the specific feed & food safety challenges facing Turkey as it continues to build its role as a major importer and exporter of both feed & animal proteins in the region.

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## PLENARY III: GLOBAL REGULATIONS & FEED TRADE FACILITATION



**MODERATOR: Joel Newman**  
Chairman, IFIF

Joel G. Newman, President and CEO of the American Feed Industry Association (AFIA), was elected IFIF Chairman for the 2016-2017 term at IFIF's 28th Annual General Assembly held at FAO Headquarters in Rome on 13 October 2015. Mr. Newman previously served as Chair of IFIF's Policy Committee and he brings more than three decades of diverse executive experience in agribusiness with United Cooperative Farmers, Maple Leaf Foods and Agway, as well as his longstanding experience both with IFIF as well as international feed industry matters, to the role of IFIF Chairman. After joining AFIA in 2004, Mr. Newman brought an exciting new vision to the association and has effectively led the membership and staff through a landmark era of change. In 2005, US Secretary of Agriculture Mike Johanns appointed Mr. Newman to the Agricultural Trade Advisory Committee for Grains, Feed and Oilseeds. Mr. Newman holds a bachelor's degree in animal science from West Virginia University and a Master of Business Administration in Finance and Marketing from Syracuse University.



Topic: Key Outcomes of the FAO/WHO Experts Meeting on Hazards Associated with Animal Feed

**Daniela Battaglia**  
Livestock Production Officer, FAO

Daniela Battaglia is currently Livestock Development Officer in the Animal Production and Health Division of the Food and Agriculture Organization of the United Nations (FAO). Within the organization she is responsible, among others, for the activities in support of animal welfare and animal nutrition. Ms. Battaglia holds a M.Sc. in Agricultural Science and another in Tropical Animal Health and Production. Prior to joining the FAO in 2001, Ms. Battaglia worked for nine years for the European Commission, including the Directorate-General Development, Directorate-General External Relations and the Europe-Aid Co-operation Office.



Topic: CODEX and Feed & Food Safety

**Dr. Annamaria Bruno**  
Senior Food Standards Officer, Codex Alimentarius Commission

Annamaria Bruno is currently working as Senior Food Standards Officer in the Codex Secretariat at FAO Headquarters in Rome (Italy) and is responsible for the several Codex Committees, including the Committees Residues of Veterinary Drugs in Foods, Milk and Milk Products and the Task Forces on Animal Feeding and on Antimicrobial Resistance. Ms Bruno holds a degree in Veterinary Medicine and a post-graduate degree in Food Control from the University of Torino (Italy). Before joining the Codex Secretariat, Ms Bruno has been working with the Food Quality and Standards Service of FAO in Rome and in the Sub-regional office for the Pacific Islands. She first joined FAO from 1984 to 1987 in a regional aquaculture project based in Tunisia and from 1992 to 1995 as Programme Officer in Lao PDR.



Topic: Global Regulatory Standards & Trade Facilitation - Industry Initiatives

**Dr. Karine Tanan**  
Chair, IFIF Regulatory Committee

Karine Tanan is the chair of the IFIF regulatory committee. She graduated as an Engineer in agronomy in France and obtained a PhD in ruminant nutrition in 1995 (National Polytechnic institute of Lorraine, France). She has been the Regulatory Lead for Cargill Animal Nutrition since 2012. Before working for Cargill, Karine worked for several feed companies: a premix company in France CCPA in 1994, a compound feed company Agribrands Europe (1995-1999) and Provimi (1999-2006) as a ruminant specialist. In 2007 she became the Scientific and Regulatory Affairs Manager of the RandD Centre of Provimi and started representing Provimi at IFIF. In 2012, Karine participated to the Codex ad-hoc task force on animal feeding with the FEFAC delegation.



Topic: Feed and Food security in Turkey and Harmonization with EU

**Muharrem Selçuk**  
Deputy Director General, Food Control, Ministry of Agriculture, Republic of Turkey

Muharrem Selçuk is the Deputy Director General of Food and Control at Ministry of Food, Agriculture and Livestock, Republic of Turkey. He graduated from Plant Protection department at Ataturk University. He worked various departments such as agricultural protection and research institutes, border inspection for plants and plant products at Ministry of Agriculture, Republic of Turkey as a manager. He is married and has three child.

**Plenary IV:**  
**BIOSECURITY ALONG THE FEED & FOOD CHAIN**  
 Tuesday, 19 April 2016  
 16:45 – 18:30

**Moderator**

**Alexander Döring**, Secretary General, FEFAC

**Speakers & Presentation Titles**

**Dr. Gillian Mylrea**, International Trade Department, OIE  
 “The Importance of Animal Health for Feed and Food Safety”

**Dr. Eva Reinhard**, Deputy Director General, Swiss Federal Office for Agriculture (FOAG)  
 “Implementation and Importance of the Codex TF AF Guidelines”

**Dr. Henry Turlington**, Director of Quality and Manufacturing Regulatory Affairs, AFIA  
 “Slowing the Spread of Foreign Animal Diseases: An Approach to Biosecurity for Feed in the U.S”

**Dr. Daniel Bercovici**, Chair, IFIF Global Animal Nutrition Programme  
 “IFIF Global Animal Nutrition Programme – Train the Trainer”

**Fabrice Putier**, Manager, Tecaliman  
 “Biosecurity and Hygiene in Feed Production”

**Session Objective**

One of IFIF’s key missions is to promote science-based solutions and information sharing for the feed industry, while promoting a balanced regulatory framework to support a fair global playing field, facilitate market access and support the competitiveness of the feed and livestock industries. Feed and therefore food safety is at the core of this and the major goal of the GFFC plenary session 4 is to provide an overview of the latest global and regional risk assessment advice on potential feed-related transmission pathways for pathogens and animal diseases, including virus infections and effective risk management strategies at feed mill level and along the whole feed chain.

As highlighted in FAO, OIE and WHO reports and regional risk assessments, climate change, global travel and trade flows, the spreading of animal diseases, bioterrorism threats and a rapidly changing global animal protein and feed industry provides new challenges for maintaining Biosecurity along the feed and food chain of animal products. This requires further discussions and investment in coordinated risk management approaches between industry and public authorities, focusing on preventive action to avoid major economic impacts on livestock farms, while preserving animal and public health. In addition, capacity development for feed safety is crucial in many parts of the world and IFIF will share its experiences with its capacity development programme ‘Train the Trainer’. Scientific and industry experts on Biosecurity are invited to share latest their insights and experiences on how to develop effective and targeted biosecurity measures and best practices all along the feed chain, both at sectoral and individual production level.

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## PLENARY IV: BIOSECURITY ALONG THE FEED & FOOD CHAIN



**MODERATOR: Alexander Döring**  
Secretary General, FEFAC

Alexander Döring graduated as an Agricultural Economist at the University of Bonn (1991). He was appointed Secretary General of FEFAC in 1994. As such, he represents the compound & premix feed manufacturers at EU level. Before joining FEFAC, he worked as European Affairs Manager at the Groupement of European flour millers, GAM and Northern European Rice Miller Association, NERMA, from 1992 till 1994, and as External Analyst at the European Commission, DG Agriculture, from 1991 till 1992. He has a solid working experience with the EU institutions: participation in DG SANTE & DG AGRI Advisory & Civil Dialogue Groups, EFSA stakeholders platform, FVO seminars & training workshops on Feed Hygiene, TAIEX workshops on Feed Safety management, as well as with international institutions: Codex Alimentarius Commission (observer membership), FAO, OIE. He is member of the new IFIF Regulatory Committee.



Topic: The Importance of Animal Health for Feed and Food Safety

**Dr. Gillian Mylrea**  
International Trade Department – OIE

Dr Gillian Mylrea, BVSc, PhD (University of Sydney, Australia). After a short time in academia Gillian moved to New Zealand and worked in a variety of positions including clinical practice in a large dairy practice, the dairy industry and the New Zealand Ministry of Agriculture where she worked in international trade. In 2007, she joined the World Organisation for Animal Health (OIE) at the Headquarters in Paris and is currently the Deputy Head of the International Trade Department. The Trade Department's mission is to promote the OIE's mandate for the sanitary safety of international trade in terrestrial and aquatic animals and their products through updating of the Terrestrial Animal Health Code and Aquatic Animal Health Code; and to promote the OIE's mandates for animal welfare and animal production food safety. Gillian is the OIE's focal point for animal production food safety and aquatic animal health.



Topic: Implementation and Importance of the Codex TF AF Guidelines

**Dr. Eva Reinhard**  
Deputy Director General, Swiss Federal Office for Agriculture (FOAG)

Dr. Eva Reinhard is vice-director of the Swiss Federal Office for Agriculture, responsible for the Means of Agricultural Production Directorate and former Chair of the CODEX Alimentarius Task Force on Animal Feeding. Previously she was at the Swiss Federal Office of Public Health where she was responsible for Legislative Enactment Procedures in the field of chemical safety and risk assessment. After professional training in the European Chemicals Bureau (ECB) in Ispra, Italy, she was appointed head of the division for chemical products at the Federal Office of Public Health. Dr. Reinhard graduated from the biology department of the Swiss Federal Institute of Technology in Zürich where she received her PhD in developmental biology in 1989. After several years of postdoctoral research at Stanford University, Stanford, USA, Oregon University, Eugene USA and Duke University, Durham, USA, she became Head of a research laboratory at the Biozentrum of the University of Basel, Switzerland.



Topic: Slowing the Spread of Foreign Animal Diseases: An Approach to Biosecurity for Feed in the U.S

**Dr. Henry Turlington**  
Director of Quality and Manufacturing Regulatory Affairs, AFIA

Henry Turlington, Ph.D., is the director of quality, education and training for the American Feed Industry Association. Turlington joined AFIA in 2013 and has an extensive background in the feed industry's nutrition and quality assurance sectors. Turlington is focused on supporting AFIA members on developing and coordinating educational and training needs for the industry. He is heavily involved with the AFIA staff on implementing the Food Safety Modernization Act animal food rule. He is also focused on the overall quality and technical leadership to AFIA's third-party certification programs. Turlington is the staff contact for the Quality Committee and Integrator Committee. Prior to joining AFIA, Turlington previously held quality and food safety positions with The Nutro Company and Provimi North America. Turlington earned a doctorate from Kansas State University and a master's degree from University of Kentucky in animal nutrition. He obtained his bachelor's degree from North Carolina State University in animal sciences. AFIA is the world's largest organization devoted exclusively to representing the business, legislative and regulatory interests of the animal feed industry and its suppliers. Membership includes over 600 domestic and international companies, state, national and regional associations. Firms are feed and pet food manufacturers, integrators, pharmaceutical companies, ingredient suppliers, equipment manufacturers and companies that supply other products, services and supplies to feed manufacturers. More than 75 percent of the commercial feed in the United States is manufactured by AFIA members.



Topic: IFIF Global Animal Nutrition Programme – Train the Trainer

**Dr. Daniel Bercovici**  
Board of Directors IFIF, President, Ajinomoto Eurolysine SAS

After academic education and biochemistry research work in France and Brazil, joined Ajinomoto Group in 1987 and developed career through research, development, marketing and business management in France, Brazil and the USA. Now head of Ajinomoto Animal Nutrition operations in Europe, based at AJINOMOTO EUROLYSINE S.A.S. in Paris, and Executive Officer of AJINOMOTO CO., INC. Japan.



Topic: Biosecurity and Hygiene in Feed Production

**Fabrice Putier**

**Manager, Tecaliman**

Mr Putier, 53 years old, is the Tecaliman managing director since 2005. Engineer from the Agro Sup Dijon (Dijon - France), school on biological science applied on the food and nutritional research. He is working in Tecaliman since 26 years on several issues concerning feed safety: Thermal treatment for detoxification of peas and rapeseed (Hydrothermal treatment and extrusion). HACCP on Salmonella contamination of the feed. HACCP on the additive control (carry-over and mixing behaviour). Evaluations of the behaviour and physical characteristics measurement of the additives (Homogeneity, Carry-over). Research of new external tracers for carry-over and mixing measurement tools.

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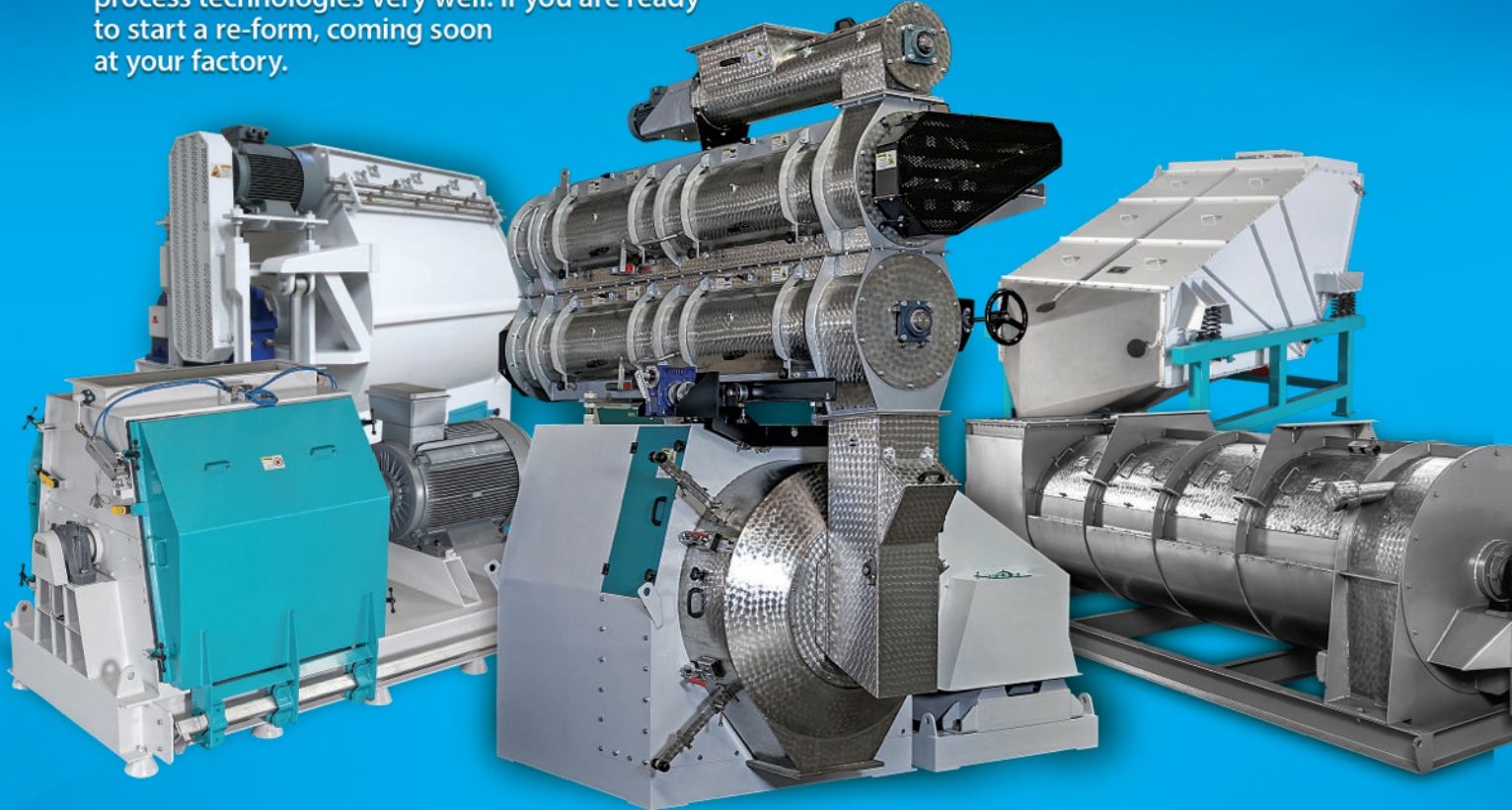
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Introduction	<p><b>Plenary V:</b>  <b>ANIMAL NUTRITION</b>  Wednesday, 20 April 2016  09:00 – 10:45</p>	
Programme	<p><b>Moderator</b></p> <p><b>Dr. Daniel Bercovici</b>, Board of Directors IFIF, President, Ajinomoto Eurolysine SAS</p>	
	<p><b>Speakers &amp; Presentation Titles</b></p> <p><b>Dr. Jean Noblet</b>, Institut National de la Recherche Agronomique  “Feeding and Mono-gastric Nutrition”</p> <p><b>Ir. Rolf Speelman</b>, Business Development Manager Ruminants, Schothorst Feed Research  “Changes in Feeding Value of Corn and Grass Silages for Ruminants During the Ensiling Period”</p> <p><b>Prof. Dr. Glen A. Broderick</b>, University of Wisconsin, Madison  “Precision Nutrition for Ruminants”</p> <p><b>Prof. Dr. Richard Ducatelle</b>, Genth University  “Nutritional Tools to Control Gut Health”</p> <p><b>Dr. M.R. Garg</b>, General Manager, National Dairy Development Board, Gujarat, India  “Reduction in Metabolic Disorders in Dairy Cattle on Feeding a Balanced Ration”</p>	
Speakers	<p><b>Session Objective</b></p> <p>One key element of IFIF’s mission is to promote science-based solutions and information sharing for the feed industry. The aim of this session is to introduce new methods and techniques in the area of animal nutrition to help farmers and feed mill managers to improve farm/feed mill income. Therefore, speakers of this session are asked to use their expertise and skills to present their data and findings in such a way to make them capable to solve problems at farm/operational level rather than giving a purely academic presentation.</p> <p>For example, in this session there are several topics to be discussed for the benefit of the farmer such as key points in maize and grass silage feeding to dairy and beef cattle in order to improve herd productivity. Precision nutrition of ruminants is another new technique in the optimization of meat and milk production. Nutritional tools to control gut health in farm animals is another exciting topic to give a broad insight to the audience of this session. Feeding balanced diets to prevent metabolic disorders in dairy cows is also an important topic, with particular relevance for developing countries conditions.</p>	
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## PLENARY V: ANIMAL NUTRITION



### **MODERATOR: Dr. Daniel Bercovici**

**Board of Directors IFIF, President, Ajinomoto Eurolysine SAS**

After academic education and biochemistry research work in France and Brazil, joined Ajinomoto Group in 1987 and developed career through research, development, marketing and business management in France, Brazil and the USA. Now head of Ajinomoto Animal Nutrition operations in Europe, based at AJINOMOTO EUROLYSINE S.A.S. in Paris, and Executive Officer of AJINOMOTO CO., INC. Japan.



Topic: Feeding and Mono-gastric Nutrition

### **Dr. Jean Noblet**

**Institut National de la Recherche Agronomique**

Jean Noblet has been working at INRA in France since 1977 and is located near Rennes (Brittany) as Director of Research. He commenced at INRA after Master of Science, Ingénieur Agronome and PhD degrees at the University of Paris and National Institute of Agronomy in Paris. In 2000, he received the "Non-ruminant Nutrition Award" of the American Society of Animal Science. He has authored or co-authored about 200 reviewed papers or book chapters, about 400 communications and 2 worldwide softwares used in pig production, InraPorc and EvaPig. His research has concerned energy and protein nutrition of swine and, more recently, of poultry and calves with major achievements in calorimetry methods, evaluation of energy content of pig feeds, factorial quantification and modelling of energy requirements in pigs, calves or poultry and thermoregulation of pigs. He was the Head of the "Pig Research Unit" (30 researchers; 100 employees) in St-Gilles, near Rennes (France) from 2003 to 2011 and the Editor-in-Chief of Animal journal from 2012 to 2014.



Topic: Changes in Feeding Value of Corn And Grass Silages for Ruminants During the Ensiling Period

### **Ir. Rolf Speelman**

**Business Development Manager Ruminants, Schothorst Feed Research**

Rolf Speelman Msc. currently holds the position of Business Development Manager Ruminants at Schothorst Feed Research in the Netherlands where he is responsible for consultancy, training and account management. He graduated in Animal Sciences at Wageningen University in 1992 with a specialization in animal nutrition. He gained a broad experience in the animal feed industry in Europe and the Middle East as he worked for several international companies active in the premix and additive business in different technical and commercial positions.



Topic: Precision Nutrition for Ruminants

### **Prof. Dr. Glen A. Broderick**

**University of Wisconsin, Madison**

Glen Broderick is a collaborator with the USDA-Agricultural Research Service and an Emeritus Professor at the University of Wisconsin. He received a BS in Dairy Science (1967), plus MS (1970) and PhD (1972) degrees as a joint major in Biochemistry and Dairy Science, all from the University of Wisconsin-Madison. Glen served as assistant and associate professor of Animal Science at Texas A&M University in College Station from 1972 to 1980. In January 1981, he returned to Madison to work as Research Scientist at the U.S. Dairy Forage Research Center and professor of Dairy Science at the University of Wisconsin. His research focused on protein nutrition of the lactating dairy cow with emphasis on enhancing utilization of feed nitrogen for milk production. This work has involved developing strategies to minimize dietary crude protein without losing milk or protein yield, identifying factors influencing microbial protein formation in the rumen, and perfecting methodology for quantifying ruminal protein degradation. Glen's research has generated more than 150 peer-reviewed publications. In addition to teaching and mentoring of graduate students at Wisconsin and other universities, he has served on the editorial boards of several journals and presented a number of invited papers at national and international meetings. Glen did sabbaticals at the Rowett Research Institute in Aberdeen, Scotland (1985-6) plus the Swedish Agricultural University in Uppsala (1997-8; 2013). He was named a "highly-cited researcher" by the Web of Knowledge in 2005.



Topic: Nutritional Tools to Control Gut Health

### **Prof. Dr. Richard Ducatelle**

**Ghent University**

Professor R. Ducatelle works at Ghent University since 1989, he is head of the laboratory of veterinary pathology since 1993. In his past he was president of the European Society of Veterinary Pathology and now he is still an active Member of the board of directors of Ghent University. Author or co-author of more than 500 scientific publications listed in the web of science and more than 300 abstracts in proceedings of international congresses. Invited speaker at more than 50 national and international congresses. Research is mainly on intestinal health and on interactions of zoonotic agents with the animal host reservoir, with a focus on poultry (necrotic enteritis, dysbiosis/dysbacteriosis, Salmonella) and on swine (gastric ulcers, Helicobacter). Mentor of more than 20 PhD theses in this field of research.

Introduction	<div data-bbox="151 145 268 297"> </div> <div data-bbox="288 141 1145 170" data-label="Text"> <p>Topic: Reduction in Metabolic Disorders in Dairy Cattle on Feeding a Balanced Ration</p> </div> <div data-bbox="288 170 437 197" data-label="Text"> <p><b>Dr. M.R. Garg</b></p> </div> <div data-bbox="288 197 983 226" data-label="Text"> <p><b>General Manager, National Dairy Development Board, Gujarat, India</b></p> </div> <div data-bbox="288 226 1469 739" data-label="Text"> <p>Dr. M R Garg is General Manager, Animal Nutrition Group, National Dairy Development Board in India. Qualification: M Sc and Ph D in Animal Nutrition from National Dairy Research Institute, Karnal, Haryana, India. Job experience: Started service career in NDDDB in the year 1980 &amp; continuing till date. Awards: Received best articles award from Indian Dairy Association, Indian Veterinary Journal &amp; CLFMA of India award for 2004 for contribution to the feed industry in the field of Animal Nutrition. "SEA of India 2010" award for successfully commercialization of bypass protein technology. Contribution in the field of Animal Nutrition: Involved in the development of ration balancing programme and large-scale implementation of RBP at farmers' doorstep, based on the locally available feed resources. Development &amp; production of bypass fat/protein supplements for feeding lactating animals during transition period, including setting up of bypass protein plants for commercial production of bypass protein feed. Setting up of mineral testing lab, standardization of mineral mixture testing methods and undertaking mineral mapping work for various States. Now, many States have been started production of area specific mineral mixtures by setting up of mineral mixture plants. Setting up of methane emission measurement lab and measurement of methane emission from dairy animals, using sulphur hexafluoride tracer technique. Development of strategic feed supplements for reducing incidence of sub-clinical mastitis, bull supplement for enhancing quality &amp; quantity of semen from breeding bulls. Providing advisory services to the cattle feed plants, related to formulation, quality control and production. Developed Urea Molasses Mineral Block "Cold Process" formulation and the process. Published more than 150 research articles in national and international journals, three book chapters, four patents &amp; many pamphlets. Also, published green paper on methane emission reduction in International Dairy Federation (IDF) website. Member of various national and international committees on Feeds &amp; Fodder.</p> </div>
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Exhibitors	<div data-bbox="217 1617 893 1852"> </div>
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**Plenary VI:**  
**INNOVATION AND R&D**  
Wednesday, 20 April 2016  
11:15 – 13:00

**Moderator**

**Prof. Dr. Nizamettin Şenköylü**, Secretary General, TURKIYEMBIR

**Speakers & Presentation Titles**

**Prof. Dr. Charles Stark**, Kansas State University  
“Innovative Novel Technologies in Feed Processing”

**Prof. Dr. Kendall Swanson**, NDSU Animal Sciences Department  
“Recent developments in Beef Cattle Nutrition”

**Prof. Dr. Marinus van Krimpen**, Wageningen University  
“Alternative Source for Protein Production”

**Arno van der Aa**, Business Development Manager, Orffa  
“Innovation in Feed Additives”

**Prof. Dr. Nicholas Kalaitzandonakes**, University of Missouri  
“Biotech Pipeline & Economic Implications for the Food and Feed Industry”

**Session Objective**

Considering the Congress theme “Equity and prosperity for all” and IFIF’s vision to feed the world in a sustainable and affordable way by producing more and using less, the tools of science and new technologies must be used to meet the increased global demand for protein and to increase the farmer income and as well as the feed and food industries’ profitability. To reach these goals the living standards and the conditions of the farmer should be improved by introducing innovation and novel technologies in the feed and livestock industries especially under developing countries conditions, so that the farmers’ income can be increased.

Thus in this Session, the topics of novel technologies in feed processing, recent developments in beef cattle nutrition and alternative protein sources, innovation in feed additives and biotech crop production pipelines will be addressed to give a broad vision to feed and food chain experts, regulators and decision makers and give insights to the farmer / feed mill manager on how these new technologies can be implemented, particularly under developing countries conditions.

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## PLENARY VI: INNOVATION AND R&amp;D


**MODERATOR: Prof. Dr. Nizamettin Şenköylü**  
**Secretary General, TURKIYEMBIR**

Prof. Dr. Şenköylü graduated from Animal Science Dept. of Atatürk University and accomplished his PhD in the same university. He carried out research and teaching in several universities and also took administrative posts as Chair, Vice Rector, Dean and the 1st term Rector (2007-2001) of Namik Kemal University in Turkey until 2012. In addition to his academic carrier he consulted a number of national and international companies in the area of Animal Nutrition. He published a number of scientific and applied papers and 4 text books primarily on poultry production, feed additives and feed grade fats. Dr. Şenköylü has been given several grants in The Netherlands, USA and Japan and he was awarded the "Honorary Doctor Causa" of the Food Technologies University of Plovdiv in Bulgaria in 2010. He is currently working for the Turkish Feed Manufacturers Association as Secretary General in Ankara/Turkey.



Topic: Innovative Novel Technologies in Feed Processing

**Prof. Dr. Charles Stark**  
**Kansas State University**

Dr. Charles Stark has a joint faculty appointment in the Departments of Grain Science and Industry and Animal Sciences and Industry at Kansas State University. Dr. Stark is the Jim and Carol Brown Associate Professor in Feed Technology. Dr. Stark received his degrees from Kansas State University in Animal Sciences (B.S.) and Grain Science (M.S., Ph.D.). Prior to joining the faculty at Kansas State University, he was a faculty member at North Carolina State University for seven years, and before that, he spent 12 years in the feed industry with responsibilities in feed manufacturing, quality assurance, and plant operations. At K-State, Dr. Stark serves as the Faculty Coordinator of the new O.H. Kruse Feed Technology Innovation Center and Cargill Feed Safety Research Center. A primary focus of the O.H. Kruse Feed Technology Innovation Center is the training of the next generation of feed industry leaders through classes, student internships and extension workshops. His extension program provides outreach in the areas of feed safety, quality assurance, and feed processing technology to the citizens of Kansas, the United States, and people throughout the world. The emphasis of his current research is the testing of new products and feed manufacturing processes that allow animal agriculture to efficiently produce a safe food supply of meat, milk, and eggs.



Topic: Recent Developments in Beef Cattle Nutrition

**Prof. Dr. Kendall Swanson**  
**NDSU Animal Sciences Department**

Kendall Swanson is Professor of Beef Production Systems in the Department of Animal Sciences at North Dakota State University. Kendall grew up on a crop and livestock farm in southeastern North Dakota and received his BS (1994) and MS (1996) in Animal and Range Science at North Dakota State University. He received his PhD in Ruminant Nutrition at the University of Kentucky in 2000. He then worked as a Research Associate at the USDA Meat Animal Research Center from 2001 – 2003. Before returning to North Dakota in 2010, Kendall was on faculty at the University of Guelph in Ontario Canada. Kendall's research program focuses on improving the efficiency of feed utilization of finishing cattle and pregnant cows. He also teaches undergraduate and graduate courses in nutrition and physiology.



Topic: Alternative Source for Protein Production

**Prof. Dr. Marinus van Krimpen**  
**Wageningen University**

After his MSc graduation at Wageningen University (Animal Husbandry), Marinus van Krimpen worked as a nutritionist specialized in pigs and poultry for a feed company. Since 1999, he is appointed as researcher in pig and poultry nutrition at Wageningen UR Livestock Research. In 2008, he finished his PhD-project regarding the effect of nutritional factors on reducing feather pecking behaviour in laying hens. Since 2010, he is appointed as senior researcher in animal nutrition at the same institute. The focus of his projects regards nutritional requirements of laying hens and broilers, development of alternative protein sources, improving the phosphorus and nitrogen efficacy of pigs and poultry, improving bird welfare, and stimulating immune competence by nutrition.



Topic: Innovation in Feed Additives

**Arno van der Aa**  
**Business Development Manager, Orffa**

Arno van der Aa grew up on a dairy farm in the south of The Netherlands. He studied Animal Science at Wageningen University (The Netherlands). He started his career as Quality Assurance Officer, controlling production processes for toasting soybeans and rumen bypass proteins. He took additional postgraduate courses in scientific writing, feed evaluation and business-to-business marketing. After that, he has lead Orffa R&D department for approximately 5 years as Technical Manager, specializing in applications of feed additives in animal nutrition. Currently he is employed as Business Development Manager for Excential brand range. As such he is responsible for implementing Orffa's business model on global scale setting a distribution network outside Orffa's home market (Europe). In his current position he is final responsible for marketing, sales, product development and R&D for a selected portfolio of specialty feed additives supported with a strong focus on scientific approach.



Topic: Biotech Pipeline & Economic Implications for the Food and Feed Industry

**Prof. Dr. Nicholas Kalaitzandonakes**  
University of Missouri

Nicholas Kalaitzandonakes is the MSMC Endowed Professor of Agribusiness Strategy and the Director of the Economics and Management of Agrobiotechnology Center (EMAC) at the University of Missouri. His research, teaching and outreach focus on the economics and policy of agrifood biotechnology and other agribusiness innovations. Over the past five years, Dr. Kalaitzandonakes has authored articles on the economic and environmental impacts of biotechnology; its impacts on the structure of the agrifood supply chain; on biotech entrepreneurship and industrial development; the impact of biotechnology on international trade; and on biotech regulation. He is the editor of AgBioForum, and has been an editorial board member for several other academic journals. Through an active outreach program, Dr. Kalaitzandonakes advises governments, international organizations, non-profits and Fortune 500 firms on the economics, policies and regulations of agrifood innovation. He is also a member of scientific advising boards for startups, venture capital firms and national research centers involved in the life sciences and has been a member of the US Secretary of Agriculture Advisory Committee on Biotechnology and 21st Century Agriculture (AC21) and the Missouri Governor's Advisory Council for Plant Biotechnology.

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Introduction	<p><b>Workshop 1:</b>  <b>IFIF IFRM WORKSHOP ON GLOBAL REGULATORY STANDARDS</b>          Tuesday, 19 April 2016          11:15 – 13:00</p>
Programme	<p><b>Moderator</b></p> <p><b>Catherine Italiano</b>, National Manager, Risk Analysis and Toxicology Section Canadian Food Inspection Agency (CFIA)</p> <p><b>Speakers &amp; Presentation Titles</b></p> <p><b>Carel du Marchie Sarvaas</b>, Executive Director, HealthforAnimals          “VICH - International Cooperation on Harmonisation of Technical Requirements for Registration of Veterinary Medicinal Products”</p> <p><b>Alexandra de Athayde</b>, Executive Director, IFIF          “IFIF Convergence Project: Harmonizing the Authorization Process and Risk Assessment of Novel Feed Ingredients Across Regulatory Jurisdictions”</p> <p><b>Johan den Hartog</b>, Managing Director, GMP+ International          “Towards Harmonisation of Private Sector Standards”</p> <p><b>Session Objective</b></p> <p>One key element of IFIF’s Mission is to promote a balanced regulatory framework to support a fair global playing field, facilitate market access and support the competitiveness of the feed and livestock industries, as well as promote the adoption of international standards and global equivalency.</p> <p>The main aim of the IFIF IFRM Workshop on Global Regulatory Standards is to better understand how to lower regulatory barriers and further the convergence or the harmonisation of global standards related to both approval and recognition of feed ingredients / additives, as well to understand current efforts related to 3<sup>rd</sup> party private sector certification schemes harmonisation.</p> <p>The workshop will examine the existing initiative ‘International Cooperation on Harmonisation of Technical Requirements for Registration of Veterinary Medicinal Products (VICH) to see how this may be used as a template for setting up a similar structure for feed. The IFIF Convergence Project seeks to undertake this kind of initiative to further mutual recognition and harmonisation of feed additives / ingredients starting in three key regions: Canada, Europe and USA. Finally two important global certification schemes will map out move towards harmonisation of private sector standards.</p>
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**MODERATOR: Catherine Italiano**

**National Manager, Risk Analysis and Toxicology Section Canadian Food Inspection Agency (CFIA)**

Catherine Italiano is the National Manager of the Risk Analysis and Toxicology Section in the Animal Feed Division at the Canadian Food Inspection Agency in Canada. This government agency is responsible for the federal Feeds Act and Regulations. Ms. Italiano has been involved in administering the safety/toxicology portion of the feed program for over 20 years. Ms. Italiano's group works on risk assessment and management strategies for the authorization of new feed ingredients and for contamination incidents that arise from feed. Before moving to the regulatory world of feed safety, Ms. Italiano completed degrees in molecular biology and toxicology in Montreal, Canada.



Topic: VICH - International Cooperation on Harmonisation of Technical Requirements for Registration of Veterinary Medicinal Products

**Carel du Marchie Sarvaas**

**Executive Director, HealthforAnimals**

Carel du Marchie Sarvaas is Executive Director of HealthforAnimals, the global animal medicines association. HealthforAnimals represents the top 10 global companies (Bayer, Boehringer Ingelheim, Ceva, Elanco, Merck/MSD, Merial, Phibro, Vétérin, Virbac, Zoetis) and 29 national associations. Animal health companies provide value to society by protecting animals and humans from diseases, keeping pets and food-producing animals healthy and contributing to safer, more sustainable and secure food supplies. Carel has been a senior government affairs and communications professional for 25 years. He joined HealthforAnimals after holding the position of Director at EuropaBio, the Biotechnology Association. Prior to EuropaBio, Carel worked at international consultancies and think tanks in Brussels and Washington DC. He is Dutch national, married, has four children and holds degrees from the University of Leiden and the Johns Hopkins University.



Topic: IFIF Convergence Project: Harmonizing the Authorization Process and Risk Assessment of Novel Feed Ingredients Across Regulatory Jurisdictions

**Alexandra de Athayde**

**Executive Director, IFIF**

Alexandra de Athayde is Executive Director of the International Feed Industry Federation (IFIF), a post she has held since her appointment in April 2011. Ms. de Athayde has extensive agriculture and international experience representing the industry with governments and businesses. She previously held positions within the Monsanto Company Corporate Affairs Department in Brazil, the US and Europe. She has also worked for the Brazilian Government as Adviser to the Deputy Minister of Agriculture and as Adviser to the Foreign Trade Secretary. Ms. de Athayde holds an International Executive M.B.A. from the University of Pittsburgh, USA and a B.A. degree in International Relations from York University in Canada. She is based in Wiehl, Germany.



Topic: Towards Harmonisation of Private Sector Standards

**Johan den Hartog**

**Managing Director, GMP+ International**

As Managing Director of GMP+ International, and in his former role of Secretary General of Product Board Animal Feed from 1988 2009, Johan den Hartog gained considerable experience and expertise in policymaking and project management regarding feed safety assurance, environmental issues, training and education, working conditions and scientific research related to animal nutrition. He has a Bachelor of Science degree in Agricultural Engineering and a Master of Business Administration (MBA).



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Introduction	<p><b>Workshop 2:</b>  <b>SUSTAINABLE AQUACULTURE - PROSPECTS &amp; CHALLENGES</b>          Tuesday, 19 April 2016          14:30 – 16:15</p>	
Programme	<p><b>Moderator</b></p> <p><b>Mario Sergio Cutait</b>, Board of Directors IFIF, Director, M.Cassab</p>	
	<p><b>Speakers &amp; Presentation Titles</b></p> <p><b>Prof. Dr. Trond Storebakken</b>, Norwegian University of Life Sciences          “Opportunities and Challenges in the use of Plant Protein Concentrates in Feeds for Carnivorous Fish”</p> <p><b>Dr. Elaine Fitches</b>, Coordinator, PROteINSECT Project          “PROteINSECT &amp; Aquaculture Tilapia Insect Feeding”</p> <p><b>Dr. Neil Auchterlonie</b>, Technical Director, The Marine Ingredients Organisation (IFFO)          “Marine Origin Feed Ingredients and Contributions Towards Sustainable Aquaculture”</p> <p><b>Hasan Girenes</b>, Vice President - Agriculture, Livestock and Fisheries, Livestock and Aquaculture Group of Yaşar Holding          “Sustainable Aquaculture in Turkey - A Success Story”</p> <p><b>Dr. Martin Alm</b>, Vice President, World Renderers Organisation (WRO)          “Importance of Rendered by-Products in Sustainable Feeding”</p>	
Speakers	<p><b>Session Objective</b></p> <p>One key element of IFIF’s Mission is to continue to support and encourage the sustainable development of animal production. The sustainability aquaculture workshop addresses the sustainability of the fastest growing area of feed and protein production and will examine novel and innovative sustainable feed sources, as well as current aquaculture best practices.</p> <p>The workshop should provide a general overview on availability, sustainability and nutritional profile of alternative protein and fat sources from plant, animal and marine origin to sustain the growth of the global fishfeed production. Global fishmeal and fishoil production is limited and will not be sufficient to support projected growth of global Aquaculture production, hence the need to increase research, innovation and investment into other nutrient sources. The session speakers are asked to point to opportunities while identifying potential regulatory obstacles and nutritional and market acceptance constraints currently limiting further growth prospects for the use of such alternative nutrient sources in Aquaculture, all while keeping in mind the need to aim for a sustainable aquaculture production over the next decades.</p>	
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## WORKSHOP II: SUSTAINABLE AQUACULTURE PROSPECTS & CHALLENGES



### **MODERATOR: Mario Sergio Cutait**

**Board of Directors IFIF, Director, M.Cassab**

Mario Sergio Cutait, born in 1960, has a degree in Business Administration at Pontifícia Universidade Católica, São Paulo. Since 1978, works at MCassab Comércio e Indústria, a 79 years old Family Company, where he is in charge of the Animal Health & Nutrition business units, as well as MFoods Division – a Tilapia Farming project. "Over the past 20 years has been working more actively in associative causes, in the interests of a better representation of animal feed chain." As Past Chairman of the International Feed Industry Federation (IFIF), Past Chairman of FEEDLATINA – Latin America and Caribbean Feed Industry Association, and Past chairman of SINDIRAÇÕES – Brazilian Feed Industry Association. Most recently took the post of Head Director of Agribusiness Department of FIESP – Federation of Industries of the State of São Paulo and as Vice-President of PEIXE BR – Brazilian Fishfarming Association.



Topic: Opportunities and Challenges in the use of Plant Protein Concentrates in Feeds for Carnivorous Fish

### **Prof. Dr. Trond Storebakken**

**Norwegian University of Life Sciences**

Prof. Dr. Trond Storebakken teaches and researches at the Department of Animal and Aquacultural Sciences the Norwegian University of Life Sciences. His main research interests include Biological effects of feed and ingredient processing. Feed manufacturing technology, feed processing for aquatic and terrestrial animals. Evaluation of feed ingredients (animal, vegetable and microbial) and additives. Studies on the nutritive value of feed ingredients, and effects of antinutrients in feed ingredients. Methods to eliminate them to tolerable levels in fish feeds. Improvement, standardization, and documentation of methods in fish nutrition.

Education: Cand. Agric. Norwegian University of Life Sciences, 1979. Major: Animal nutrition. Dr. Scient. NMBU, 1986. Major: Animal nutrition with emphasis on fish.



Topic: PROteINSECT & Aquaculture Tilapia Insect Feeding

### **Dr. Elaine Fitches**

**Coordinator, PROteINSECT Project**

Elaine Fitches, Ph.D. is a Research Fellow in the Department of Biological and Biomedical Sciences at Durham University, UK working in close collaboration with the Food & Environment Research Agency (Fera, York). Her dedicated research focus lies in the field of applied entomology and more specifically, the investigation and development of novel biopesticides for the control of invertebrate pests. Additional interests in the use RNA interference as a strategy for the control of insect pests. Growing involvement in the field of "insect biotechnology", investigating potential for the exploitation of insects as sustainable sources of products (principally proteins and oils) for use in animal feed and as industrial feedstocks. Currently co-ordinator of "PROteINSECT", an EU funded programme investigating the potential of insects as a source of protein for animal feed. Elaine has considerable experience in biochemistry, molecular biology and invertebrate physiology and has more than 10 years experience in project management.



Topic: Marine Origin Feed Ingredients and Contributions Towards Sustainable Aquaculture

### **Dr. Neil Auchterlonie**

**Technical Director, The Marine Ingredients Organisation (IFFO)**

Neil's early career was in production and technical roles in the UK aquaculture industry, covering trout, salmon and marine finfish including halibut, turbot and cod. More recently he has specialized in aquaculture and fisheries science management, representation, business development, production and technical roles in government department and agencies as well as trade associations. He is the Technical Director for IFFO, The Marine Ingredients Organisation ([www.iffonet.net](http://www.iffonet.net)) the international 'not for profit' organization that represents and promotes the fishmeal, fish oil and wider marine ingredients industry worldwide. Neil holds a BSc in Biology, a MSc in Applied Fish Biology, and a PhD in aquaculture.



Topic: Sustainable Aquaculture in Turkey - A Success Story

### **Hasan Girenes**

**Vice President - Agriculture, Livestock and Fisheries, Livestock and Aquaculture Group of Yaşar Holding**

Born in 1960 in Alanya, Turkey, Hasan Girenes graduated Ege University Agricultural Engineering and has a master's degree in Fisheries. He has started working for Yaşar Group in her compound feed company as Production Engineer in 1985. Subsequently he has held the positions of Technical Manager, Managing Director of Çamlı Yem Besicilik (merger company of four companies: Çamlı Yem (compound feed), Çamlı Besicilik (livestock), Çamlı Damızlık (turkey breeding) and Pınar Deniz (fish farming). Mr. Girenes currently serves Yaşar Group as the Vice President - Agriculture, Livestock and Fisheries. He is also actively involved in civil organizations serving as the Chairman of İzmir Seafood Farmers and Producers Association and he is also an Assembly Member of Aegean Region Chamber of Industry (EBSO).

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Topic: Importance of Rendered by-products in Sustainable Feeding

### Dr. Martin Alm

Vice President, World Renderers Organisation (WRO)

Dr. Martin Alm studied chemistry at the Technical University of Braunschweig. In 1998 he started his career at SARIA Bio-Industries, one of the leading rendering companies in Europe with factories in twelve different countries. Dr. Alm was responsible for "Research and Development", later extended by "Regulatory Affairs" representing SARIA and Germany in different national and international interest groups and research committees. Since 2009 Dr. Alm is director of "Dr. Alm Research and Consulting GmbH" and Technical Director of EFPPA, European Fat Processors and Renderers Association. Today he is also consultant member of the board of the German Rendering association, member of the scientific advisory panel and second vice president of the World Renderers Organisation (WRO) and member of the research committee of FPRF, the US based "Fat and Protein Research Foundation".

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## Workshop 3: IFIF IFRM WORKSHOP ON SHARING GOOD FEED MANUFACTURING PRACTICES GLOBALLY - PRACTICAL APPLICATIONS

Tuesday, 19 April 2016  
16:45 – 18:15

### Moderator

**Dr. Annamaria Bruno**, Senior Food Standards Officer, Codex Alimentarius Commission

### Speakers & Presentation Titles

**Angela Pellegrino Missaglia**, Consultant, Sindirações

“IFIF FAO Feed Manual of Good Practices - Practical Applications”

**Dr. Christoph von Holst**, DG Joint Research Centre, European Commission

“Method of Analysis towards feed safety”

### Session Objective

One of IFIF’s key missions is to share good practices, particularly around the area of feed safety. The main aim of this session is to be a practical starting point for those who would like to understand better how to access training and information on good feed manufacturing practices. The two experts will provide an overview of existing good practices as well as how they are applied and certified.

Starting with the IFIF FAO Feed Manual of Good Practices the expert trainer will map out practical applications of how the Feed Manual is meant to increase safety and feed quality at the production level for industrial production and on farm mixing in line with the Codex Alimentarius Code of Practice on Good Animal Feeding - with a particular focus on the developing world.

Following this the second expert will illustrate methods of analysis towards feed safety to better understand the cost / benefit of different types of analysis with regards to feed safety at the production level.

The workshop is both a training workshop and interactive discussion session and participants are encouraged to ask questions and presenters are encouraged to involve the audience in a two way dialogue to identify practical needs for feed safety.



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## WORKSHOP III: IFIF IFRM WORKSHOP ON SHARING GOOD FEED MANUFACTURING PRACTICES GLOBALLY - PRACTICAL APPLICATIONS



### **MODERATOR: Dr. Annamaria Bruno**

**Senior Food Standards Officer, Codex Alimentarius Commission**

Annamaria Bruno is currently working as Senior Food Standards Officer in the Codex Secretariat at FAO Headquarters in Rome (Italy) and is responsible for the several Codex Committees, including the Committees Residues of Veterinary Drugs in Foods, Milk and Milk Products and the Task Forces on Animal Feeding and on Antimicrobial Resistance. Ms Bruno holds a degree in Veterinary Medicine and a post-graduate degree in Food Control from the University of Torino (Italy). Before joining the Codex Secretariat, Ms Bruno has been working with the Food Quality and Standards Service of FAO in Rome and in the Sub-regional office for the Pacific Islands. She first joined FAO from 1984 to 1987 in a regional aquaculture project based in Tunisia and from 1992 to 1995 as Programme Officer in Lao PDR.



Topic: IFIF FAO Feed Manual of Good Practices - Practical Applications

### **Angela Pellegrino Missaglia**

**Consultant, Sindirações**

Angela Pellegrino Missaglia is an independent consultant and has been involved in different projects in the area of feed and food safety. She has 30 years of experience in quality control and quality assurance and different certification schemes. More recently, she has been involved in risk analysis and risk assessments training and standard development programmes in Latin America and Africa. She is a trainer on quality standards for industry, labs and regulators. She also supported the Brazilian on the "Intergovernmental Codex Task Force on Animal Feeding", she is a member of the Brazilian Codex Working Group on Residues of Veterinary Drugs, a consultant to the STDF (Standards and Trade Development Facility) Feedlatina project and a training coordinator for BTSF (Better Training for Safer Food) risk analysis in Brazil. Angela developed and instructed the training modules for the IFIF Capacity Development Pilot Project in Nigeria. Angela is a Chemical Engineer and MSc in Food Engineering and has attended University of Campinas, University of São Paulo, Utrecht University, Texas AM University for different courses in the feed and food safety, lab systems as well as risk assessment.



Topic: Method of Analysis Towards Feed Safety

### **Dr. Christoph von Holst**

**DG Joint Research Centre, European Commission**

Christoph von Holst works at the European Commission's Joint Research Centre (JRC) in Geel (Belgium). He studied chemistry and received his doctor degree in analytical chemistry from the Technical University Munich (Germany). In 1997 he joined the JRC, working on various topics of feed analysis such as the determination meat and bone meal, dioxins and banned veterinary drugs in feed. Since 2003 he is operating manager of the European Union Reference Laboratory (EURL) for feed additives. The major objective is to evaluate the analytical methods submitted by applicants asking for authorization of feed additives. He has also been actively involved in European projects dealing with the development and validation of analytical methods. He is very much interested in statistical data treatment used within the frame of interlaboratory validation studies and applied for the application of spectroscopic techniques. He has published about 75 peer reviewed papers.

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## Workshop 4: CAPACITY DEVELOPMENT FOR FEED SAFETY INITIATIVES

Wednesday, 20 April 2016  
09:00 – 10:45

### Moderator

**Dr. Sabine Kruse**, Deputy Head of Section, German Federal Ministry of Food and Agriculture

### Speakers & Presentation Titles

**Daniela Battaglia**, Livestock Production Officer, FAO  
“FAO Multi-stakeholder Partnership Programme for Capacity Development for Feed Safety”

**Dr. Godwin Oyedele Oyediji**, Registrar/CEO, Nigerian Institute of Animal Science (NIAS)  
“IFIF ‘Train the Trainer’ - Pilot Nigeria”

**Ana Marisa Cordero**, Agricultural Health and Food Safety Specialist, Inter-American Institute for Cooperation on Agriculture (IICA)  
“Campus Virtual Project”

**Moti Cheru Jallata**, Director of Feed registration and Certification, Veterinary Drug and Animal Feed Administration and Control Authority, Ethiopia  
“Ethiopian Feed Safety Needs and Capacity Development Initiatives”

**Prof. Harinder Makkar**, Animal Production Officer, FAO,  
“Enhancing Feed Quality and Safety in Developing Countries: Ongoing Capacity Development Activities of Some International Organizations”

### Session Objective

One of IFIF’s key missions is to share good practices, particularly around the area of feed safety, and promote science-based solutions and information sharing for the feed industry, as well as support capacity development or feed safety. This important workshop will examine existing capacity development initiatives both globally and regionally, as well as identify possible new areas and region for intervention and how initiatives can better interlink and support each other.

The FAO will present its multi-stakeholder Partnership Programme for Capacity Development for Feed Safety with the aim to attract more participants to this framework initiative. IFIF launched its Global Animal Nutrition Programme ‘Train the Trainer’ programme in Nigeria last year, and participants will hear about the training and initial outcomes of capacity development programme at production level. In addition participants will hear about existing initiatives in Latin America, as well as a presentation by Ethiopia about on-going and further needed programme to raise feed safety levels. Finally the FAO will present some on-going capacity development activities of some international organizations.

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## WORKSHOP IV: CAPACITY DEVELOPMENT FOR FEED SAFETY INITIATIVES



### **MODERATOR: Dr. Sabine Kruse**

#### **Deputy Head of Section, German Federal Ministry of Food and Agriculture**

Sabine Kruse holds a PhD in agriculture economics from the Humboldt University Berlin. She worked as a scientist at the Institute of Agricultural Economics in Berlin from 1979 to 1990. In 1991 she moved to the German Federal Ministry of Food and Agriculture, first in the business economics unit and since 1996 in the animal nutrition unit. Dr. Kruse is responsible for legislation relating to feed safety and animal nutrition in Germany. In particular she deals with all matters relating to undesirable substances, additives, feed hygiene and labelling. She also coordinates the feed control in Germany. She has been the head of the German Delegation to the Standing Committee for Animal Nutrition by the European Commission. Finally she has been the head of the German Delegation to the Codex Alimentarius Task Force of Animal Feeding.



Topic: FAO Multi-stakeholder Partnership Programme for Capacity Development for Feed Safety

### **Daniela Battaglia**

#### **Livestock Production Officer, FAO**

Daniela Battaglia is currently Livestock Development Officer in the Animal Production and Health Division of the Food and Agriculture Organization of the United Nations (FAO). Within the organization she is responsible, among others, for the activities in support of animal welfare and animal nutrition. Ms. Battaglia holds a M.Sc. in Agricultural Science and another in Tropical Animal Health and Production. Prior to joining the FAO in 2001, Ms. Battaglia worked for nine years for the European Commission, including the Directorate-General Development, Directorate-General External Relations and the Europe-Aid Co-operation Office.



Topic: IFIF 'Train the Trainer' - Pilot Nigeria

### **Dr. Godwin Oyedele Oyediji**

#### **Registrar/CEO, Nigerian Institute of Animal Science (NIAS)**

Dr. Godwin Oyedele Oyediji is the Registrar/CEO of the Nigerian Institute of Animal Science (NIAS), the Regulatory Agency for Animal Science practice, and for all matters pertaining to Animal husbandry in Nigeria. Dr. Oyediji is a graduate of Veterinary School, Vom. He obtained a B.Sc Agriculture (Animal & Poultry Science) from the University of Guelph, Ontario, Canada. He also obtained both M.Sc and Ph.D Animal Science from the University of Ibadan, Nigeria. He has a wide experience in Feedmilling and livestock operations, spanning his service with the Lagos State Ministry of Agriculture as a Higher Livestock Superintendent, and at Livestock Feeds PLC (Pfizer), where he retired as Division Manager (Premix Business). He is the former Chairman of Lagos Chamber of Commerce & Industry Agriculture Trade group. Dr. Oyediji is active at many International Animal Science and Livestock activities which include the FAO/WHO Codex Task Force on Animal Feeding, and the International Feed Regulators Meeting. He is the Secretary of the Interim Planning Committee of the World Organization of Animal Husbandry due to be launched. He has several scholarly publications, and has 4 Animal Science Fellowship awards in Nigeria, as well as Fellow of Ghana Society of Animal Production.



Topic: Campus Virtual Project

### **Ana Marisa Cordero**

#### **Agricultural Health and Food Safety Specialist, Inter-American Institute for Cooperation on Agriculture (IICA)**

She has worked for the last twelve years as an Agricultural Health and Food Safety Specialist at the Inter American Institute of Cooperation on Agriculture. She has international experience on assessment and modernization of national food safety control systems, veterinary and phytosanitary services, capacity building, policy and regulation development, and training for food safety control and expertise in food systems, particularly corresponding national and international regulations (Codex Alimentarius, USDA/FSIS, APHIS, and FDA regulations, OIE, IPPC and other international standards), particularly those on sanitary and phytosanitary (SPS) requirements, and policies. Extensive experience and knowledge in the area of international agricultural health and food safety regulations specifically the Agreement on the Application of Sanitary and Phytosanitary Measures, the Agreement of Agriculture and the Agreement of Technical Barriers to Trade of the World Trade Organization, its regulations and practical application of these guidelines. From 2008 to 2016 she has provided technical support to the implementation of projects financed by the Standard Trade Development Facility (STDF): "Development of institutional capabilities to ensure effective participation in the Committee on Sanitary and Phytosanitary Measures of the World Trade Organization", "Establishment of a Regional Virtual Food Inspection School in Central America and Dominican Republic" and "Feed and Food Security Program in Latin America"



Topic: Ethiopian Feed Safety needs and Capacity Development Initiatives

**Moti Cheru Jallata**

**Director of Feed registration and Certification, Veterinary Drug and Animal Feed Administration and Control Authority, Ethiopia**

Mr. Moti Cheru Jallata is Director, Feed registration and Certification Directorate in the Veterinary Drug and Animal Feed Administration & Control Authority (VDFACA) in Ethiopia. In his work he is dedicated to rural development, strives for livelihood & economic growth for the poor rural & urban community, and conducts appropriate trainings for farmers, DAs, District, Zonal and Regional experts, produces Livestock strategic development plans, designs Livestock Development packages, technical manual, policy documents & guidelines, that comply with Government directions, in consonance with MDG. Mr. Cheru Jallata holds an M.Sc.in Animal Science, Belarus Academy of Agriculture, 1991, and a Diploma in Biology, Addis Ababa University- Alemaya College of Agriculture, 1982 (as it was then called).



Topic: Enhancing Feed Quality and Safety in Developing Countries: Ongoing Capacity Development Activities of some International Organizations

**Prof. Harinder Makkar**

**Animal Production Officer, FAO**

Harinder P.S. Makkar is working as Animal Production Officer at FAO, Rome since 2010. Before joining FAO he was Mercator Professor at University of Hohenheim, Stuttgart, Germany. He has published over 300 research papers. He obtained PhD from University of Nottingham, U.K. and Dr. Habilitation from University of Hohenheim; and is an Adjunct Professor at this university. He has also worked at the International Atomic Energy Agency, Vienna, Austria for 7 years. He has been awarded Honorary Professorships by Universities in China and Mongolia; and has been a fellow of Commonwealth Association, UK; Humboldt Foundation, Germany; and Japanese Society for the Promotion of Science, Japan. He has also been a member of advisory and evaluation boards of various national and international organizations.



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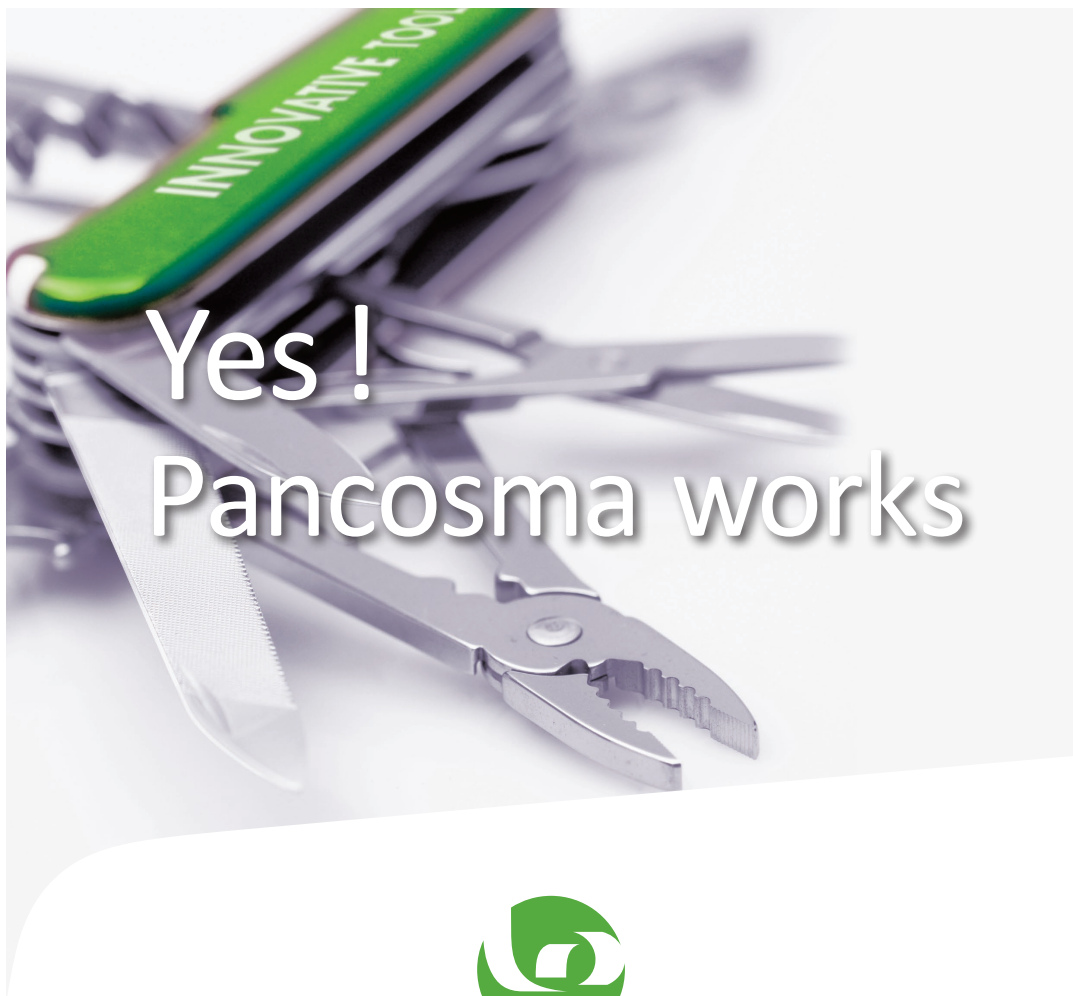
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Introduction	<p><b>Workshop 5:</b>  <b>SUSTAINABLE FEED &amp; LIVESTOCK INITIATIVES</b>  Wednesday, 20 April 2016  11:15 - 13:00</p>
Programme	<p><b>Moderator</b></p> <p><b>Prof. Dr. Frank Mitloehner</b>, University of California Davis</p> <p><b>Speakers &amp; Presentation Titles</b></p> <p><b>Simon Billing</b>, Principal Sustainability Advisor, Forum for the Future  “The Protein Challenge 2040: Shaping the Future of Food”</p> <p><b>Dr. Henning Steinfeld</b>, Coordinator, Livestock Sector Analysis and Policy Branch, FAO  “The LEAP initiative - Guidelines on Feed Supply Chains &amp; LEAP+”</p> <p><b>Nicolas Martin</b>, Policy Advisor, FEFAC  “The Global Feed LCA Institute (GFLI)”</p> <p><b>Dr. Michael Binder</b>, Chair, SFIS Technical Board  “The SFIS Project - PCR and Results of Exemplary SFIs”</p> <p><b>Philippe Becquet</b>, Chair, SFIS Management Board  “Importance of SFIS as the Link Between Feed and Food Efficiency on the Farm”</p> <p><b>Session Objective</b></p> <p>One key element of IFIF’s Mission is to continue to support and encourage the sustainable development of animal production. Sustainability is one of IFIF’s key strategic pillars: ‘produce more, using less at an affordable cost to the consumer’. To kick off the session, Forum for the Future will present their latest insights on ‘The Protein Challenge 2040: Shaping the future of food’. The workshop will then examine some key multi-stakeholder and IFIF initiatives, which are designed to measure, benchmark and then ultimately reduce the environmental impact of livestock production.</p> <p>The multi-stakeholder Partnership on Livestock Environmental Assessment and Performance (LEAP), aims to improve how the environmental impacts of the livestock industry are measured and assessed.</p> <p>The LEAP partners have developed globally recognized sector specific guidelines and methods for the life cycle assessment of GHG emissions from livestock food chains, including for feed, poultry, and small and large ruminants, which aim to become the golden global standards for measuring environmental efficiency in these supply chains.</p> <p>IFIF is founding member of the Global Feed LCA Institute (GFLI), which will use the FAO LEAP methodology to develop a global standard for assessing and benchmarking feed industry impact and improvement in LCA calculation, in order to support the reduction of the environmental footprint of livestock products.</p> <p>IFIF has also together with the EU Association of Specialty Feed Ingredients and their Mixtures (FEFANA) and a consortium of international companies and associations, launched the Specialty Feed Ingredients Sustainability Project (SFIS), which measured and established the role of specialty feed ingredients (SFIs) on the environmental impact of livestock production.</p>
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This workshop will:

- Provide insights on The Protein Challenge 2040: Shaping the future of food
- Share technical issues with a wider stakeholder audience in an understandable manner.
- Highlight the importance of harmonized metrics as a prerequisite for mitigation options.
- Identify the methodological challenges ahead, for example relative to the potential trade-off between the need for consistent global approach and the importance of capturing well local conditions.
- Contribute to and engage in the debate on the possibility for improvement of environmental performance in modern livestock production systems, in relation to economic competitiveness.



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## WORKSHOP V: SUSTAINABLE FEED & LIVESTOCK INITIATIVES



### **MODERATOR: Prof. Dr. Frank Mitloehner** University of California Davis

Frank Mitloehner is a Professor and Air Quality Specialist in Cooperative Extension in the Department of Animal Science at the University of California, Davis. He received his MS degree in Animal Science and Agricultural Engineering from the University of Leipzig, Germany, and his PhD degree in Animal Science from Texas Technical University. Dr. Mitloehner is an expert for agricultural air quality, livestock housing and husbandry. Dr. Mitloehner has served as chairman of a global United Nations Food and Agriculture Organization (FAO) partnership project to benchmark the environmental footprint of livestock production. He served as workgroup member on the President's Council of Advisors on Science and Technology (PCAST) and as member on the National Academies of Science Institute of Medicine (IOM) committee on "A Framework for Assessing the Health, Environmental, and Social Effects of the Food System".



Topic: The Protein Challenge 2040: Shaping the Future of Food

### **Simon Billing**

#### **Principal Sustainability Advisor, Forum for the Future**

Simon is Principal Sustainability Advisor at Forum for the Future. Forum is a global non-profit working with leading business, government and other organizations to solve complex sustainability challenges. Simon leads the Protein Challenge 2040 consortium which is a group of businesses and NGOs such as Hersheys, Target and WWF that have formed in 2015 to drive innovation towards more sustainable protein production and consumption. It has identified a series of actions to take forward including the need to scale up innovation in sustainable animal feed and increase the proportion of plant protein in human diets. Simon works across Forum's food system programme working with business partners on strategy projects and driving large scale collaborative projects. He leads Forum's work in the food system, land use, ecosystems and development.



Topic: The LEAP Initiative - Guidelines on Feed Supply Chains & LEAP+

### **Dr. Hennig Steinfeld**

#### **Coordinator, Livestock Sector Analysis and Policy Branch, FAO**

Hennig Steinfeld is a leading agricultural economist and sustainability expert with specialized expertise in livestock policies, climate change and agricultural development. Hennig obtained an M.Sc and Ph.D in agricultural economics from the Technical University of Berlin. He was a visiting scholar at Stanford University in 2005 and 2010 (Center for Environmental Science and Policy, Institute for Foreign Studies) and was awarded an Honorary doctorate in veterinary medicine, Uppsala Agricultural University, in 2012. He started his professional career with research and development assignments in Ghana, Ethiopia, Zimbabwe and Rwanda. He joined FAO in 1990 and has been working on livestock sector issues, in various positions, since 1992. He currently is Chief of the Livestock Information, Sector Analysis and Policy Branch, working on poverty issues, human and animal health threats, and environmental sustainability issues.



Topic: The Global Feed LCA Institute (GFLI)

### **Nicolas Martin**

#### **Policy Advisor, FEFAC**

Nicolas Martin is 38 and graduated in agronomy from the National Institute of Agronomy in Paris, with a specialization in economics in 2001. He started his career in the dairy sector working on market analysis and marketing. After 4 years in the French feed manufacturers association he joined FEFAC, the European Feed Industry Federation in July 2011, as Policy Advisor to take over management responsibilities in the area of sustainability and agricultural markets.



Topic: The SFIS Project - PCR and Results of Exemplary SFIs

### **Dr. Michael Binder**

#### **Chair, SFIS Technical Board**

After studying technical biology and receiving his doctorate at the University of Stuttgart, he began his career at Evonik in 1997 in the biotechnological research and development of feed additives. In 2001, following another stint in application technology for feed additives, he moved to the Product Quality and Regulatory Affairs department, taking over firstly the responsibility for the quality control laboratory for the chemical products, before he moved to the regulatory part of worldwide feed legislation in 2005. In parallel since 2001, Michael Binder took over the responsibility to investigate the product portfolio of the business unit applying the technology of Life Cycle Assessment (LCA). In 2010, he started as Director Sustainability to implement Sustainability as a new element for marketing in the feed additives area. Michael Binder also represents Evonik Nutrition&care in the EU Association of Specialty Feed Ingredients and their Mixtures (FEFANA) and the International Feed Industry Federation (IFIF). Previously he headed the Sustainable Agriculture Task Force and chaired the technical board of the joint IFIF/FEFANA project "Specialty Feed Ingredients for Sustainability SFIS".



Topic: Importance of SFIS as the link between Feed and Food Efficiency on the Farm

### **Philippe Becquet**

#### **Chair, SFIS Management Board**

Philippe Becquet is Senior Global Regulatory Affairs Manager within the company DSM Nutritional Products, responsible for specific projects, in particular sustainability linked to animal production. He is a French national, born in France in 1961 and currently working in Switzerland. Mr. Becquet is an agronomist by education (Institut National d'Agronomie Paris-Grignon - France) with a specialization in animal production and nutrition. During his 29 years' career, he has worked for different companies in the field of animal nutrition (feed mills, premix manufacturer and additive producer) and in different roles (sales, marketing, technical support and regulatory affairs). Mr. Becquet is active in Industry associations (such as FEFANA and IFIF), where he provides support for the development of improved regulatory frameworks that take into account sustainability for the benefit of the animal production chain.

## GLOBAL LEADERS PANEL



**MODERATOR: Jacki Davis**  
Managing Director, Meade Davis Communications



**Prof. Dr. Jose Graziano da Silva**  
Director General, FAO

Prof. Dr. José Graziano da Silva has worked on issues of food security, rural development and agriculture for over 30 years. Since assuming his mandate as FAO Director-General in 2012, he has spearheaded major transformational changes within the Organization. These reforms have entailed refocusing FAO's work, reinforcing its institutional capacities, strengthening partnerships with civil society, private sector and academia and boosting FAO's support for South-South Cooperation. His efforts have resulted in best value for money for the Organization and its partners.



**Joe Stone**  
Corporate Senior Vice President & Chief Risk Officer, Cargill; Head Cargill Animal Nutrition

Joe Stone is responsible for strategy, execution and profit and loss for Cargill's Animal Nutrition businesses. He is a member of Cargill's Executive Team. Joe has served Cargill through various management roles for 30 years. He chairs the Cargill Risk Management Committee, which provides strategic guidance and oversight for Cargill businesses risk management teams globally. After joining Cargill in 1985, Joe worked in Cargill AgHorizons and Cargill Grain & Oilseeds business units before joining the Cargill World Trading Unit in Geneva, Switzerland. In 2005, he joined Cargill Animal Nutrition. He serves on the boards of the World Food Program USA and the Engler School of Entrepreneurial Studies at the University of Nebraska. He is a member of the Campaign for Nebraska Advisory Board. Joe and his wife Chris have two boys; Pete and Michael. Stone holds a bachelor's degree in agricultural economics from the University of Nebraska.



**Knut Nesse**  
CEO, Nutreco

Knut Nesse started his career in 1992 with the Scana group in Stavanger as Controller and joined Skretting Norway in 1995 in the same position. In 1997 he moved back to the Scana group to take up a two-year assignment as Finance Director of their Joint Venture in China and returned to Skretting in 1999, first as Controller and subsequently in various management positions. Early 2006 Knut Nesse moved to Chile and was appointed Managing Director of the Skretting Salmon Feed business and returned to Norway end of 2006. Knut Nesse was appointed member of the Executive Board of Nutreco N.V. on 30 June 2009. On 1 August 2012 Knut Nesse was appointed Chief Executive Officer and Chairman of the Executive Board of Nutreco N.V. Knut Nesse obtained an MBA degree from the Norwegian School of Economics and Business Administration, where he subsequently also attended the senior management programme.



**Durmuş Yılmaz**  
Former President Turkish Central Bank

Born in 1947 at Uşak, a small town in the western part of Turkey. Having completed his primary and secondary education in the Local Schools, in the 1967-1968 academic year he went to study law at the Ankara University. While in the third year of the Faculty of Law in 1970 he won a scholarship from the Ministry of Education and went to the UK to study economics. He holds a BSc Degree in economics from the City University London and a MSc Degree in economics from the University College, London University. Upon returning to Turkey, he worked for a brief period at the Ministry of Trade and then, in 1980 moved to Central Bank of the Republic of Turkey. Joining the Bank as a management trainee, Mr Yılmaz was with the Bank for 31 years. He was awarded in: 2007 the best Central Bank Governor of the year in Emerging Market Economies Categories, 2009 most successful Central Banker of the year by Euromoney. 2010 one of the seven Central Bankers of the year.



**Dr. Marcos Jank**  
Vice President - Corporate Affairs and Business Development, BRF

Marcos S. Jank is the Vice President of Corporate Affairs and Business Development of BRF Asia-Pacific, living in Singapore. Current responsibilities include handling BRF's relations with governments and stakeholders in more than ten countries in the region, while providing support for partnerships and acquisitions. BRF is one of the largest and most successful food companies in the world. From 2007 to 2012, was the President and CEO of the Brazilian Sugarcane Industry Association (UNICA), main sugar-energy trade association with 136 member companies. He was also the founding president of the Brazilian Institute for International Trade Negotiations (ICONE), one of the country's leading agribusiness think-tanks. In 2001-2002, he served as Special Expert in Integration and Trade at the Inter-American Development Bank (IDB) in Washington, DC. Dr. Jank has a 18 years career as Associate Professor at the University of São Paulo's (USP) faculties of Economics (FEA) and Agriculture (ESALQ), with sabbatical periods in U.S. and European universities. He also held consulting and project coordination positions at the World Bank, IDB, FAO, OECD, UNDP, the Hewlett Foundation and other global organizations. Jank has a Ph.D. from the School of Economics and Business, University of São Paulo (USP/FEA), a M.Sc. in agri-food policies at IAM Montpellier-France and a B.Sc. in Agronomy at ESALQ. He is fluent in Portuguese, English, French, and Spanish.

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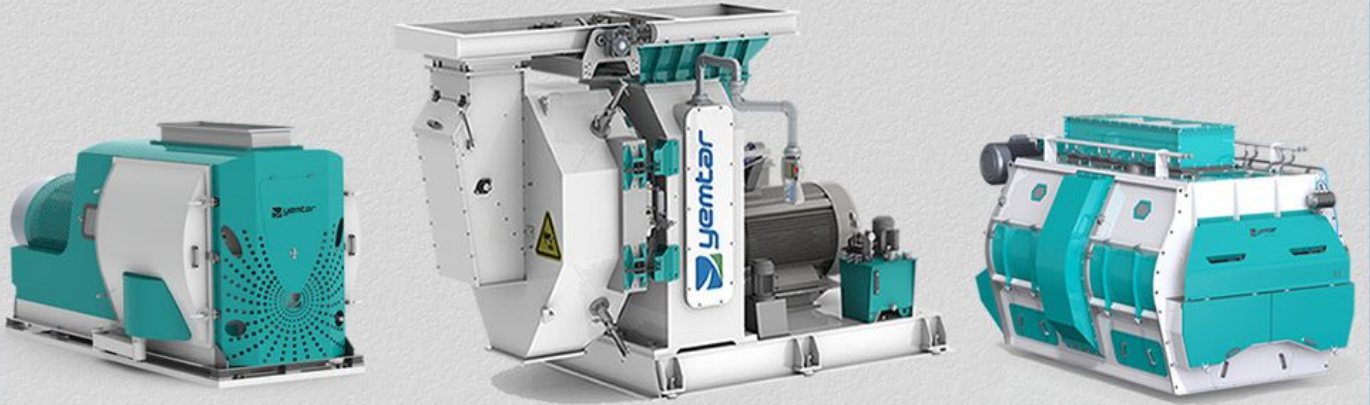
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