

International Symposium on Sustainable Livestock Transformation under Agriculture Working Group (AWG) of G20 at NDDB, Anand

The **International Symposium on Sustainable Livestock Transformation** under G20 India was organised by NDDB with Department of Animal Husbandry & Dairying and FAO during July 18-19, 2023 at NDDB, Anand.

The Symposium was inaugurated by Shri Parshottam Rupala ji, Hon'ble Union Minister of Fisheries, Animal Husbandry & Dairying on 18 July 2023 in presence of Ms Alka Upadhaya, Secretary, Dept of Animal Husbandry and Dairying, Min of FAHD; Mr. Tiensin Thanawat and Mr. Takayuki Hagiwara from FAO; Dr. Abhijit Mitra, AHC, DAHD; Dr. Hirofumi Kugita, WOA; Ms. Caroline Emond, Director General, International Dairy Federation; Dr. Jamie Jonker, Chair-SPCC, International Dairy Federation & Chief Science Officer, NMPF and Dr. Meenesh Shah, Chairman, NDDB; other dignitaries and delegates from across the World and from India.



Dr. Meenesh Shah welcomed the dignitaries and delegates to the Symposium. In his welcome address, Dr. Shah mentioned that this symposium has given all of us a good platform to mutually learn from each other, chalk out the

strategy, and plan to address some of the contemporary challenges that both developing and developed countries of the world are facing today in the livestock sector, including ensuring its sustainability.



Shri Parshottam Rupala Ji, Hon'ble Union Minister of Fisheries, Animal Husbandry & Dairying gave an impactful address to the delegates from G20 India member and other invited countries. In his address, Shri Rupala Ji highlighted various sustainability measures in the livestock sector being undertaken by the Central Government under the leadership of the Hon'ble Prime Minister Shri Narendra Modi. This included vaccination coverage under National Animal Disease Control Programme, providing doorstep veterinary services to

farmers through Mobile Veterinary Units and other scientific measures towards sustained productivity enhancement.

He commended Department of Animal Husbandry and Dairying, Ministry of FAHD, NDDB and Food and Agriculture Organization of the United Nations (FAO) for organising the symposium and said that he is sure that the deliberations amongst the experts from renowned institutions would definitely help India in making the dairy sector more sustainable as well as efficient. He also inaugurated the exhibition organized during the event.

Ms. Alka Upadhyaya, Secretary, Department of Animal Husbandry and Dairying, Ministry of FAHD highlighted that sustainable transformation in the livestock sector has become more relevant today considering the quantum of farmers and other stakeholders associated with the sector, its role in providing livelihoods & food security, especially in the small holder production systems. She further mentioned that the symposium is very aptly curated bringing together all potential stakeholders in the global livestock industry and to ensure that all the important topics pertaining to the theme are deliberated during the event.

Dr. Abhijit Mitra, Animal Husbandry Commissioner, Department of Animal Husbandry and Dairying, Ministry of FAHD shared contributions of India towards the One Health approach and also delivered a vote of thanks to all the delegates, dignitaries and participants of the inaugural session of the International Symposium on Sustainable Livestock Transformation held at NDDB, Anand under G20 India events.

Dr. Hirofumi Kugita, Regional Representative for Asia Pacific, World Organization for Animal Health said that it is an excellent opportunity to engage with the dairy industry and share various initiatives of WOAHA at the policy level. He mentioned that it is essential for countries to have efficient veterinarians to provide animal health services to respond to health and epidemic and to control animal diseases, good animal husbandry practices also need to be put in place.

Mr. Takayuki Hagiwara, representative of the Food and Agriculture Organization of the United Nations (FAO) in India delivered a captivating address during the inaugural ceremony of International Symposium on Sustainable Livestock Transformation under G20 India event. He highlighted the significant role that the livestock sector plays in rural transformation, economic



development, food security and ensuring better nutrition. Mr. Hagiwara also shared his profound belief in India's potential to become the next world leader as today it has digital technologies and a system to solve issues. FAO would like to work with India for furthering sustainable development goals and India can show an effective path to other countries.

Mr. Jamie Jonker, Chief Science Officer, National Milk Producers Federation (NMPF), USA and Chair, SPCC, International Dairy Federation addressed the participants during the inaugural session of International Symposium on Sustainable Livestock Transformation and highlighted the significance of milk and the crucial role of livestock in the dairy sector.

Speaking on the topic "Need for One Health Approach", **Dr. Meenesh Shah**, Chairman, NDDB said that health of all living systems on this planet are interdependent, and it is imperative that the health of farmers and other stakeholders who are in close contact with animals, is protected. He further mentioned that One Health today is one of the key focus areas and many of the schemes of Government of India are under implementation on this aspect.

He also highlighted the role that Ethno Veterinary Medicine can play in making available affordable and cost-effective solution to farmers. This will also control use of antibiotics by using locally available ingredients as medicines and thus mitigating the problem of Anti-Microbial Resistance.

Ms. Caroline Emond, Director General, International Dairy Federation, delivered a thought provoking address mentioning that being a farmer is not easy as they are facing all the challenges be it climate change, regulatory change, price fluctuation, productivity issues etc. and that they need to be supported by all the stakeholders. She also highlighted the works of IDF which provides advisories for prudent use of antibiotic, management of heat stress in dairy cattle, nutritional security and science-based evidences.



Mr. Tiensin Thanawat, Director (NSA), Food and Agriculture Organisation of the United Nations, gave an engaging presentation and said that to address the issues and challenges in sustainable livestock transformation, the plans and policies need to be transformed into action. He also mentioned that there is need to deliberate on healthy soil as the agriculture food production starts from soil. Mr. Thanawat praised the Indian leadership for giving necessary fillip and thrust to the Indian Dairy sector which has been supporting lives of millions of dairy farmers.

Dr. Hirofumi Kugita from World Organisation for Animal Health, mentioned that to ensure getting safe food with minimum impact on environment, there is a need to have good husbandry practice, good veterinary practice, reduced antibiotic use as well as reduction in residues for which implementation need to be focused. There is need to work across organizations and systems to cope up with the problems related to animal diseases from zoonotic sources.

Dr Gyanendra Gongal, Senior Public Health Officer, South-East Asia Region, WHO mentioned that zoonotic diseases are on rise due to ecosystem damage, globalization, urbanization, pollution, intensification of agriculture & animal production and climate change. He put forth that there is a need for political advocacy as well as collaborative actions towards One Health.

Ms. Alka Upadhyaya, Secretary, Department of Animal Husbandry & Dairying while concluding the session said

that sustainability is a long-term exercise which needs clear cut conviction from all the stakeholders. She also highlighted the initiatives of Government of India and its schemes contributing to One Health - control and eradication of diseases, scientific productivity enhancement measures, ICT based information system for monitoring and decision making etc.

W20 with the theme “Jan-Bhagidari Celebrating Women-led Sustainable Development through Dairy Cooperatives” was organised on July 20, 2023



The Women 20 (W20) is the official G20 engagement group with the objective of focusing on gender equity. The primary objective of W20 is women's empowerment and advocating for women's rights, raising women's voices in society.

The W20 event with the theme "Jan-Bhagidari celebrating Women-led Sustainable Development through Dairy Cooperatives" was organised on July 20, 2023 jointly by NDDB, Gujarat Cooperative Milk Marketing Federation (Amul) and Department of Animal Husbandry and Dairying, Ministry of FAHD at NDDB.

The event started with an auspicious lighting of the lamp

by Shri Jagdish Vishwakarma ji, Hon'ble Minister of State for Co-operation, Government of Gujarat in presence of Ms. Alka Upadhyaya, Secretary, DAHD; Dr. Meenesh Shah, Chairman, NDDDB; Shri Shamalbhai Patel, Chairman, GCMMF; Shri Vipul Patel, Chairman, Kaira Milk Union, Dr Sandhya Purecha, W20 Chair; Shri Jayen Mehta, MD, GCMMF, Ms. Caroline Emond, Director General, International Dairy Federation; Ms. Margaret Kibogy, MD, Kenya Dairy Board; Ms Bharati Ghosh, EX-IPS and Ms Dharitri Patnaik, Chief Coordinator, W20 Secretariat.

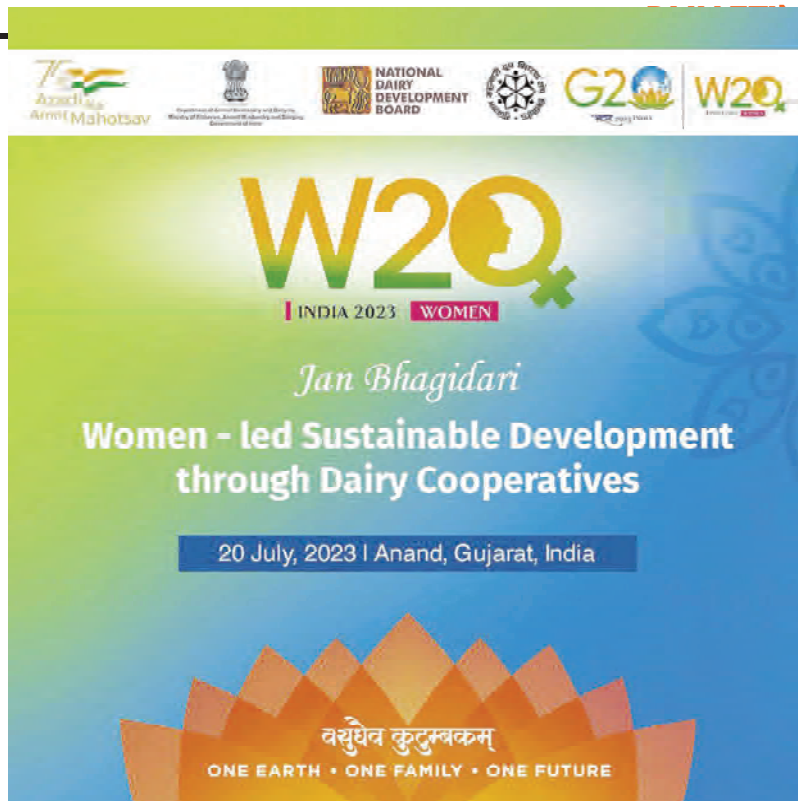
More than 700 women farmers, leaders and achievers from different fields along with other dignitaries and foreign delegates were present during this event celebrating women empowerment.

Delivering the welcome address during the W20 Jan Bhagidari event, **Dr. Sandhya Purecha**, Chair, W20 highlighted the role of cooperatives which are serving as catalysts for the



women empowerment and the role of women in the society. She welcomed all the dignitaries and women farmers to the event and also briefed about the genesis of W20 and its significance.

Shri Jayen Mehta, MD, GCMMF put forth the journey of success of AMUL and India's Dairy Development. He highlighted India's remarkable strides in the dairy development with cooperatives playing a pivotal role. He mentioned that the AMUL model has been empowering women through cooperative dairying and acts as a tool for economic and social transformation. He reiterated the commitment of AMUL to continue this journey towards women-led sustainable



development through dairying.

Shri Shamalbhai Patel, Chairman, GCMMF enlightened the gathering with his address on Women in Dairy Cooperatives. He emphasized that economic participation of women in animal husbandry and milk business plays a major role in the economic and social upliftment of the entire family. He further said that women milk producer members have also adopted scientific animal husbandry practices like Genomic Selection of animals, Ethno veterinary medicine and manure management which are providing better income to them.

Ms. Margaret Kibogy, MD, Kenya Dairy Board spoke on the cultural nuances and commonalities drawing parallels between the small holder farmers based dairy systems in Kenya and India and the potential for knowledge sharing between the two countries. She also emphasised on dairying having transformative power to uplift the women in Kenya. She further mentioned that definitive action is required in this regard and collaboration with institutions like NDDDB would help them take forward women based sustainable dairy farming.

Ms Bharati Ghosh, ex-IPS Officer delivered her address focusing on role of government schemes in ensuring an enabling environment and ecosystem for women. She emphasised that true empowerment lies in women making independent decisions for their welfare and society. She highlighted various schemes of Govt. of India aimed towards social and economic empowerment of Women and reiterated that with supportive policies, Indian women will achieve equitable position.