

Foc TR4 Programme of the International Tropical Fruits Network in the Asia Pacific Region

By Dr. Desa Hassim
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**A presentation for:
10th BAPNET Steering Committee
Meeting**



What is TFNet?

International Tropical Fruits Network (TFNet) is an autonomous and self financing global network established under the auspices of the Food and Agriculture Organization of the United Nations (FAO), whose mandate is to promote sustainable development of the tropical fruit Industry globally in relation to production, consumption and trade. It is both intergovernmental and inter-institutional in nature.



Vision, Mission, and Objectives of TFNet

Vision

TFNet will be a leading global player in facilitating international cooperation in production, consumption, logistics, marketing and trade development in the global tropical fruit sector.

Mission

TFNet will cooperate with member countries to improve small farmer income by enhancing productivity and market access, increase global demand and trade of tropical fruits, and alleviate micronutrient malnutrition by promoting tropical fruit consumption.

Objectives





Global Action Plan for Tropical Fruits (GAPTROF)

The TFNet Global Action Plan for Tropical Fruits (GAPTROF) will illustrate how the programmes and activities stated in the TFNet Strategic Plan (2015-2020) will contribute towards the achievement of the United Nations 2030 Agenda for Sustainable Development.



SDG 1: End poverty in all its forms everywhere

Our solutions: TFNet will develop **policy recommendations** with member countries to ensure that smallholders earn their fair share by proper integration into the tropical fruit value chain. These policies include access to credit, formation of legal commercial entities such as cooperatives, institutional building, **capacity development**.



SDG 2: End hunger, achieve food security, improved nutrition, and promote sustainable agriculture

Our solutions: TFNet will support the industry by promoting sustainable agriculture to increase production and trade of tropical fruits and feed the growing global population. TFNet will also promote the consumption of two servings of tropical fruits a day, providing essential vitamins and minerals to combat hidden hunger. TFNet will continue to disseminate up-to-date information to enhance the knowledge of consumers.





Global Action Plan for Tropical Fruits (GAPTROF)

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



SDG 12: Ensure sustainable consumption and production patterns

Our solutions: TFNet will recommend policies to member countries that will improve food safety and quality infrastructure to meet international sanitary and phytosanitary requirements (SPS).

13 CLIMATE
ACTION



SDG 13: Take urgent action to combat climate change and its impacts

Our solutions: TFNet will encourage its members to diversify its tropical fruit crops by planting different varieties and expanding to minor and underutilized fruits, which can help the industry to recover from the shocks caused by climate change. TFNet will also facilitate transfer of germplasm to develop potential areas and encourage urban farming.

17 PARTNERSHIPS
FOR THE GOALS



SDG 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development

Our solutions: TFNet will collaborate with its partners, including FAO, Bioversity International, the African-Asian Rural Development Organization, the Crops for the Future Research Centre, and the Centre on Integrated Rural Development for Asia and the Pacific. TFNet will expand its membership to more countries around the world.



International Tropical Fruits Network

Foc TR4 Side Event in FAO, Rome

'Mitigating and Adaptation Measures for the Control of Banana Fusarium Wilt TR4, including the successful development of Resistant Cultivars'

7 October 2014, FAO headquarters, Rome

- Held during the 70th Session of the Committee on Commodity Problems
- Co-organized with FAO, the World Banana Forum, and BAPNET
- Shared with delegates on the current global status of the disease, including countries affected, research and development work and the various mitigation action by countries involved, to combat the spread of this disease
- proposed holistic approaches, that are needed to manage existing affected countries and specific actions required to prevent spread of the disease to unaffected countries.



FAO Technical Consultation Workshop

Prevention and Management of Fusarium Wilt Disease of banana

9-10 December 2014, FAO Headquarters, Rome, Italy

- Organized by FAO as response to the side event
- **Led to the development of the Global Programme on Fusarium Wilt Disease of Banana**



Technical Consultation on Prevention and Management of Fusarium Wilt Disease
9-10 December 2014, FAO - Rome



International Tropical Fruits Network

Framework of the Global Foc Programme

GOAL	Contribute to global food security and improvement of livelihood resilience through the prevention and management of <u>Foc</u> TR4 and sustainable					
OUTCOMES	Outcome 1. Improved prevention of spread of <u>Foc</u> TR4 into banana-growing countries and regions		Outcome 2. Improved preparedness and integrated management of <u>Foc</u> TR4 at field level		Outcome 3. Enhanced Int. synergy and collaboration	
OUTPUTS	OUTPUT 1 Policies and strategies improved and awareness level enhanced at all levels for improved prevention	OUTPUT 2 Surveillance, early detection and monitoring approaches and systems improved	OUTPUT 3 Risks assessed, and plant health-related legislation and phytosanitary practices enhanced	OUTPUT 4 Capacities strengthened for improved preparedness and prevention	OUTPUT 5 Integrated management strategies improved and implemented to reduce disease impact and pathogen spread	OUTPUT 6 Regional and international interaction, collaboration and information sharing
ACTIVITIES	<p>1.1. Advocacy and awareness-raising among decision makers and farmer communities</p> <p>1.2. Strengthen national crop and disease management strategies and plans</p> <p>1.3. Support coordination among stakeholders through participatory processes for development and implementation of contingency</p>	<p>2.1 Provide policy and technical support for national and regional surveillance and monitoring mechanisms</p> <p>2.2 Strengthening national and regional disease surveillance and diagnostic capacities</p> <p>2.3 Conduct national and regional surveys for <u>Foc</u> TR4 in affected countries and high-risk areas</p>	<p>3.1. Map the distribution and assess the potential impact of Fusarium wilt disease to global banana production</p> <p>3.2. Assess the status of national phytosanitary legislation and identify needs for improvement</p> <p>3.3. Improve and introduce legislation for the movement of disease-free planting materials</p> <p>3.4. Support government efforts to implement effective plant health legislation and phytosanitary standards</p>	<p>4.1. Support national authorities to develop, implement and sustain practices that prevent introduction of <u>Foc</u> TR4 onto farms</p> <p>4.2. Strengthen human resources capacity of national institutions in disease prevention and management</p> <p>4.3. Introduce <u>Foc</u> TR4 training programmes for farmers and farm workers in prevention and management of <u>Foc</u>,</p> <p>4.4. Strengthening of infrastructure of national institutions in disease surveillance, prevention and management</p>	<p>5.1. Identify, select and disseminate <u>Foc</u> TR4-resistant banana varieties</p> <p>5.2. Promote the use of <u>Foc</u> TR4-resistant bananas in collaboration with national programmes through seed campaigns and field demonstrations</p> <p>5.3. Promote integrated disease management practices to prevent spread and limit damage caused by <u>Foc</u> TR4 to banana plantations</p>	<p>6.1. Organize national and regional conferences, technical workshops and meetings</p> <p>6.2. Promote international collaboration and networking to manage <u>Foc</u> TR4 globally</p> <p>6.3. Support technical field studies and consultations for management of <u>Foc</u> TR4 at field level</p> <p>6.4. Facilitate knowledge sharing and dissemination</p>

Going forward

TFNet can contribute to the Global Foc Programme through the following outputs:

1. OUTPUT 1: Policies and strategies improved and awareness level enhanced at all levels for improved prevention

- TFNet regularly holds meetings with policy makers from different countries in the Asia Pacific.
- Together with its partners and members in Asia Pacific, TFNet can organize an advocacy campaign for different stakeholders, especially decision makers and farmer communities

2. OUTPUT 4: Capacities strengthened for improved preparedness and prevention

- TFNet can co-organize workshops with its members in the Asia Pacific to aid on the development of biosecurity measures for Foc TR4 and strengthen the human resources capacity of institutions, farmers, and other relevant stakeholders.

3. OUTPUT 6: Regional and international interaction, collaboration and information sharing

- TFNet can co-organize national and regional conferences and meetings, leading to international collaborations among its members.
- TFNet can facilitate knowledge sharing on Foc TR4 through its website, monthly newsfeed, and social media.



Going forward

How to extend our network?

Do we need to form a consortium of TR4?



Thank you for your attention

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