

Biological Diversity Day 2016

The Contribution of the International Treaty to Mainstreaming Plant Biodiversity

19 May 2016

Geneva "Palais des Nations"

Life comes from seeds, protect the seeds, join the Treaty.

Sustaining People and Their Livelihoods



Food and Agriculture
Organization of the
United Nations



The International Treaty
ON PLANT GENETIC RESOURCES
FOR FOOD AND AGRICULTURE

Opening speech

*Dr Ren Wang, Assistant-Director-
General, Food and Agriculture
Organization (FAO) of the United
Nations*

Opening speech

FAO Video - message

Dr Ren Wang, Assistant-Director-General, Food and Agriculture Organization (FAO) of the United Nations



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<http://www.youtube.com/watch?v=5GEnZ4VfTc0>





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Introduction

Farmers' rights and benefit-sharing

Farmers' rights and benefit-sharing

Chairperson

Dr M. Sabran, Chairperson of the
Governing Body of the International Treaty



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Farmers' rights and benefit sharing

Video message

Dr Braulio Ferreira de Souza Dias, Executive Secretary of the Secretariat of the Convention on Biological Diversity, or his representative



Convention on
Biological Diversity

<https://www.youtube.com/watch?v=GHP0ry34Y2o&feature=youtu.be>



Farmers' rights and benefit sharing

The International Treaty

Dr Shakeel Bhatti, Secretary of the International Treaty on Plant Genetic Resources for Food and Agriculture



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I SESSION

Protecting farmers' livelihoods and farmers' rights through on-farm management of biodiversity

- The Indigenous People Perspective
- The Benefit-sharing Fund as a high-impact tool for supporting farmers' livelihoods and biodiversity conservation
- The link between Farmer's Rights and Biodiversity

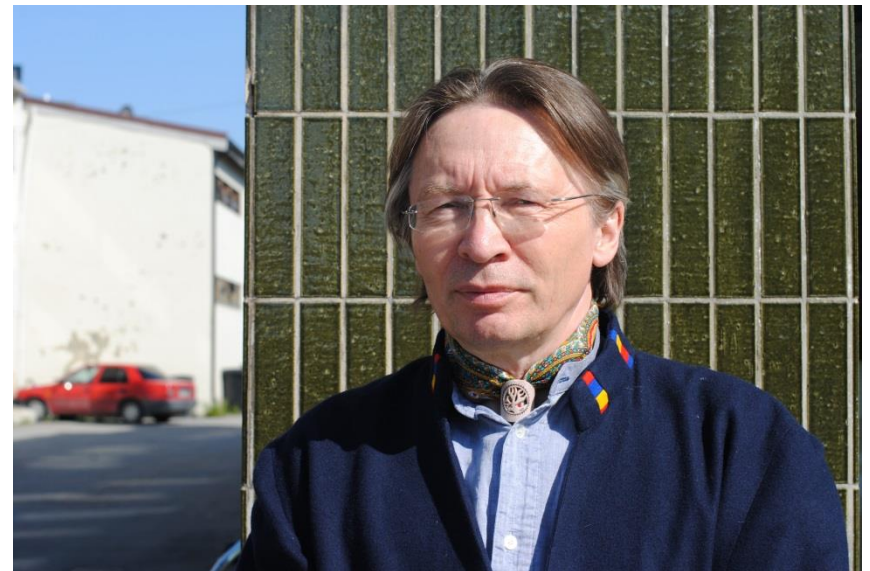
The Indigenous People Perspective

Video

Mr Lars-Anders Bear, Former president of the Sami Parliament in Sweden and the president of Sami Parliamentary Council.

**Moving with the reindeer in
the winter. © Jan Helmer
Olsen Karasjok**

<https://vimeo.com/148085650>



The Benefit-sharing Fund as a high-impact tool for supporting farmers' livelihoods and biodiversity conservation

Ms Gigi Manicad, Senior Programme Officer, Global Programmes on Sustainable Livelihoods, Oxfam



BSF: Supporting Farmers' Livelihoods & Biodiversity Conservation

Gigi Manicad, Sowing Diversity = Harvesting Security (SD=HS)



“Leading the Field” Initiative of the Benefit Sharing Fund

The ‘Leading the Field’ initiative was launched in 2009 to invest in high impact projects addressing food security, adaptation to climate change and agricultural biodiversity through the management of PGRFA.

It funds projects for smallholder farmers in developing countries.

Its priorities are:

- Sustainable use of PGRFA
- Information exchange, technology transfer & capacity building
- Managing and conserving PGRFA on farm

Source: BSF

BSF outcome highlights



- USD 20 million invested in 61 projects targeting 55 developing countries in Africa, Asia, Near East and GRULAC
- 735,000 farmers directly benefitted, 16 community seed banks
- 3000 + accessions characterized and evaluated for biotic and abiotic stress
- More than 200 partners involved in projects' execution
- 310 capacity-building workshops and training courses delivered to more than 22,000 participants
- 8,500 women are directly involved in ensuring conservation and biodiversity-based livelihoods
- 10 new databases created to document farmers' varieties

BSF & Oxfam partners



CTDT, Zimbabwe



SEARICE, SEA



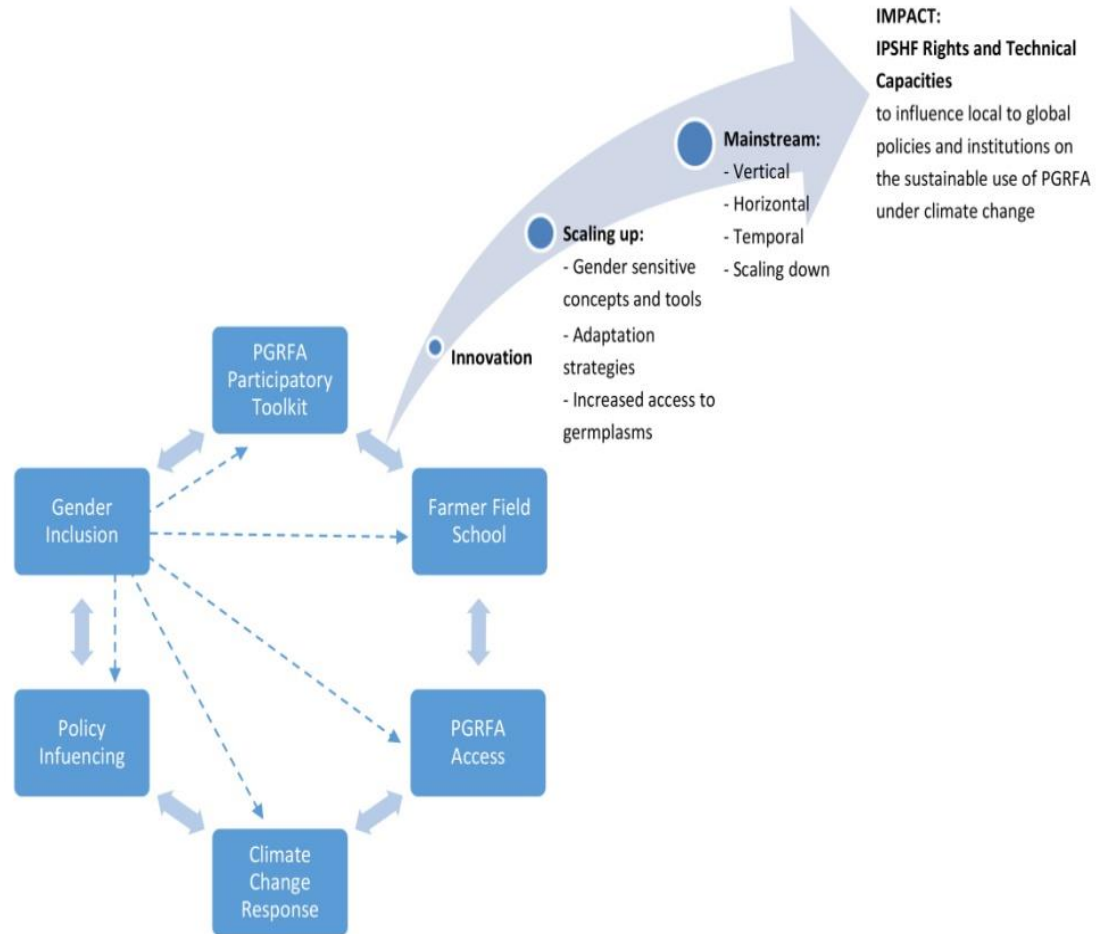
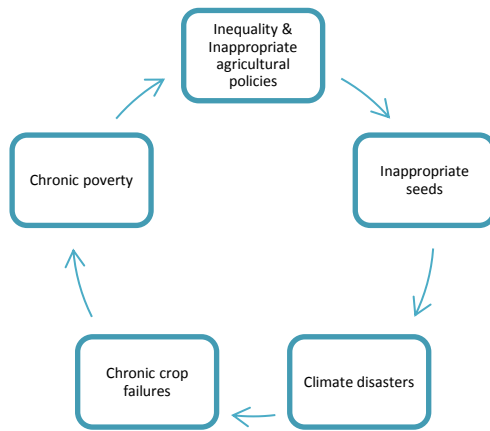
ANDES, Peru

Sowing Diversity = Harvesting Security (SD=HS)

- Strengthen farmers' seed systems (rights & technical) for food and nutrition security for climate change adaptations,
- 5 core countries of a global programme: Vietnam, Laos, Myanmar, Peru, Zimbabwe, 150,000 HH, 50% women
- Diverse agro-ecologies: Low land paddy fields, high mountain altitude, semi-arid region, high and low potential areas
- 50 Partners and allies: CSOs, IPSHF, governments, universities, national and international research institutions, private sector
- Donors: Sida, IFAD, Dutch Post Code Lottery, NL government, 3 partners with BSF support +++

Changing the impact pathways

Cycle of Disaster



Zimbabwe:

Breaking the cycle of disaster

- Recurring drought, 2016 worst in 20 years, 1.6 billion USD food aid for 4 million people
- Lost of crops = farmers grow hungry
- Lost of seeds = threatens farmers livelihoods
- 72 women led FFS, 6 seed banks, seeds & food fairs
- meteorological data + farmers perception for agricultural planning
- wide scale introduction & adaptation of diversity
- Policy engagement: support farmers seed systems

Source: CTDI



Credit : Shepherd Tozvireva/Oxfam Novib



Combine harvesters



Cleaners



Dryers

Farmer Seed Enterprise



Trademark building

Vietnam (rice) Track record

- 18,900 farmers trained in FFS
- Released 328 farmer varieties +2 certified varieties
- Seed Clubs (2014): 30% of Mekong Delta seed requirements, about 70 rice varieties(certified and uncertified)
- % Farmers' seeds bigger than the private sector
- Farmers received many awards
- Overwhelming evidence for policy change for R&D and farmers' market engagement

Peru: Local Adaptation Plan Components

Infrastructure: Seed Banks, Seed Multiplication and food storage facilities

Local Monitoring: early-warning system; develop knowledge and capacity to manage agricultural production stressors; drought/risk management

Collective Action: water conservation and customary management; FFS and management plans at community level; Translocation of crops and changes in cropping patterns; Afforestation to condition the soil and improve shade; Diversification into non-farm activities to avoid overuse; Strengthen local customary institutions; Improve access to markets, including barter markets



Banco de semillas de Papas de QuinsaPuquio – Pampacorral - Lares

Policy Influencing Pathway



- Most of national seed policies & laws do not recognize & support farmers' seed systems
- SD=HS engages local to global policy influencing based on evidences that are grounded & validated by indigenous & farming communities
- Provides models multi-stakeholder engagement
- Ambition: Farmers' Rights policy & implementation guidelines

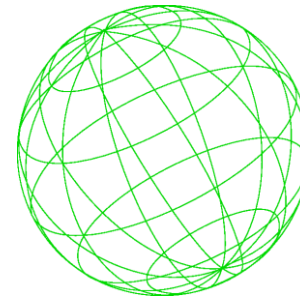


Share a Seed!

Credit: Sacha de Boer

The link between Farmer's Rights and Biodiversity

**Mr Laurent Gaberell, Programme Coordinator,
Programme on Agriculture, Biodiversity and Intellectual
Property, Berne Declaration**





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Launch of the Global Survey on Farmers' Rights - *Secretariat of the International Treaty*



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The Global Consultation on Farmers' Rights

Dr Shakeel Bhatti
Secretary, ITPGRFA

Why farmers' Rights?

Farmers are custodians and developers of crop genetic resources in the field, their rights are crucial for enabling them to maintain their vital role to conserve diversity for local and global food security, nutrition and poverty eradication.



Article 9 – Farmers' Rights

Farmers are custodians and developers of crop genetic resources in the field, their rights are crucial for enabling them to maintain their vital role to conserve diversity for local and global food security, nutrition and poverty eradication.

- Protection of traditional knowledge relevant to PGRFA
- Equitably participate in sharing benefits arising from the utilization of PGRFA
- Participate in making decisions, at the national level, on matters related to the conservation and sustainable use of PGRFA
- Rights that farmers have to save, use, exchange and sell farm-saved seed/propagating material



Resolution 5/2015 – Implementation of Farmers' Rights

Engage Contracting Parties and relevant Organizations to gather information at national, regional and global levels for exchanging knowledge, views and experiences and best practices



The Consultation on Farmers' Rights



- ✓ **Stakeholders' Consultation by region**
- ✓ **Electronic Survey (English, French, Spanish)**
- ✓ **Global Consultation: 27-30 September 2016, Bali, Indonesia (hosted by Government of Indonesia and co-organized by Norwegian Government)**

Purpose of the Consultation

- **Take stock of significant country experiences, best practices and lessons learned in implementing and protecting Farmers' Rights**
- **Explore development of guidance, support and capacity building on implementing and realizing Farmers Rights**

The Electronic Survey – An invitation

Views, perceptions and understanding on Farmers' Rights

a. Protection of traditional knowledge relevant to PGRFA

b. Participate equitably in sharing the benefits arising from the utilization of PGRFA

c. Participate in making decisions, at the national level, on matters related to conservation and sustainable use of PGRFA

d. The rights to save, use, exchange and sell farm-saved seed/propagating material

e. Other (please specify)

Snapshots of the Electronic Survey



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Global Electronic Survey on the Implementation of Farmers' Rights under the ITPGRFA

I: Information on respondents

1. Contact Information

Name	
Country	
Organization	
Position	
Website (if any)	
Email Address	

2. Gender

- ☐ Male
- ☐ Female

Snapshots of the Electronic Survey

II. Views, perceptions and understanding on Farmers' Rights, as they relate to PGRFA

9. In your view, how important are the following aspects/elements of Farmers' Rights in your country?

	Very Important	Important	Less Important	Not sure
a. Protection of traditional knowledge relevant to PGRFA	☐	☐	☐	☐
b. Participate equitably in sharing the benefits arising from the utilization of PGRFA	☐	☐	☐	☐
c. Participate in making decisions, at the national level, on matters related to conservation and sustainable use of PGRFA	☐	☐	☐	☐
d. The rights to save, use, exchange and sell farm-saved seed/propagating material	☐	☐	☐	☐

Snapshots of the Electronic Survey

III. Farmers' Rights, as they relate to Plant Genetic Resources for Food and Agriculture (PGRFA)

A. Protection of traditional knowledge relevant to PGRFA (Article 9.2a)

13. 1. In your view, how is traditional knowledge relevant to PGRFA promoted and protected in your country? Please describe briefly. You may also cite examples at national and local levels.

a. Documenting traditional knowledge to address its erosion and ensuring it can be shared without been misappropriated

b. Documenting traditional knowledge to ensure it can be shared without been misappropriated

c. Through legal, administrative or policy measures, ensuring its promotion and protection, as well as the protection and promotion of the systems generating the traditional knowledge

d. Encouraging sharing traditional knowledge, innovations and practices through, inter alia, cross-visitations, seed fairs and local markets and between farmers and research scientists

e. Increasing awareness among farmers and relevant stakeholders of the importance and value of traditional

Snapshots of the Electronic Survey

IV. Other views and perceptions

38. On a scale from 1 to 5, how would you rate the implementation of farmers

1 Insufficient

2 Fairly good/Tolerable

3 Good

4 Very Good

5 Excellent

☐☐☐☐☐

39. What do you see as the most important measures that still remain to be taken by your country in order to continue or promote the realization of Farmers' Rights?

40. In your views, is there any other areas related to Farmers' Rights relevant to PGRFA that has not been covered by Article 9 of the international Treaty? Please indicate and explain.

41. In your view, to advocate realization of Farmers' Rights, would you agree on exploring the establishment of a Farmers' Rights' Protocol? Please cite the reason.



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Thank You!



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II SESSION

Expanding benefits: bringing non-monetary benefits to farmers

Sustainable Use of Biological Diversity and Capacity Development for Biodiversity Policy Makers

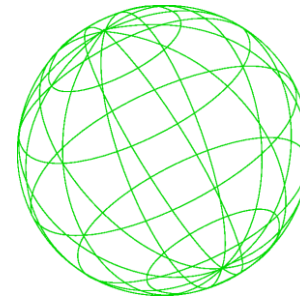
Video introduced by Dr *Shoura Zehetner Hashemi*,
First Secretary Permanent Mission of Austria

Dr. Alois Leidwein, Director of Austrian Agency
for Health and Food Safety (AGES), Vienna



Biodiversity conservation as a global challenge

*Dr. Dao Nguyen, Coordinator, Biodiversity Policy,
World Wildlife Fund (WWF) International*





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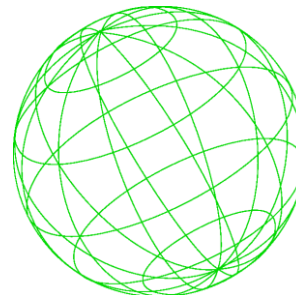
III SESSION

Towards a Long-term Programme to Address Challenges, Opportunities & the Potential of the Treaty

The multi-stakeholder perspective

IFAD

Dr. Rikke Olivera, Senior Technical Specialist, Natural Resource Management Policy and Technical Advisory Division of the International Fund for Agricultural Development (IFAD)



The multi-stakeholder perspective

ESA

*Ms Szonja Csorgo, Director IP and Legal Affairs
of the European Seed Association (ESA)*





Innovation for sustainability

Szonja Csörgő

Director IP & Legal Affairs, European Seed Association

*"I Have a seed" celebration event for the
International Day of Biological Diversity 2016*

Geneva, May 19, 2016



Perspective of the European seed industry on the future of the Treaty

✿ Treaty = very important / preferred tool for the seed industry in terms of ABS

✿ Goals:

✿ Improve

The Treaty's coverage & implementation

✿ Increase

The Treaty's income

✿ Use

The Treaty's MLS & its material



Our Campaign: Innovation for sustainability

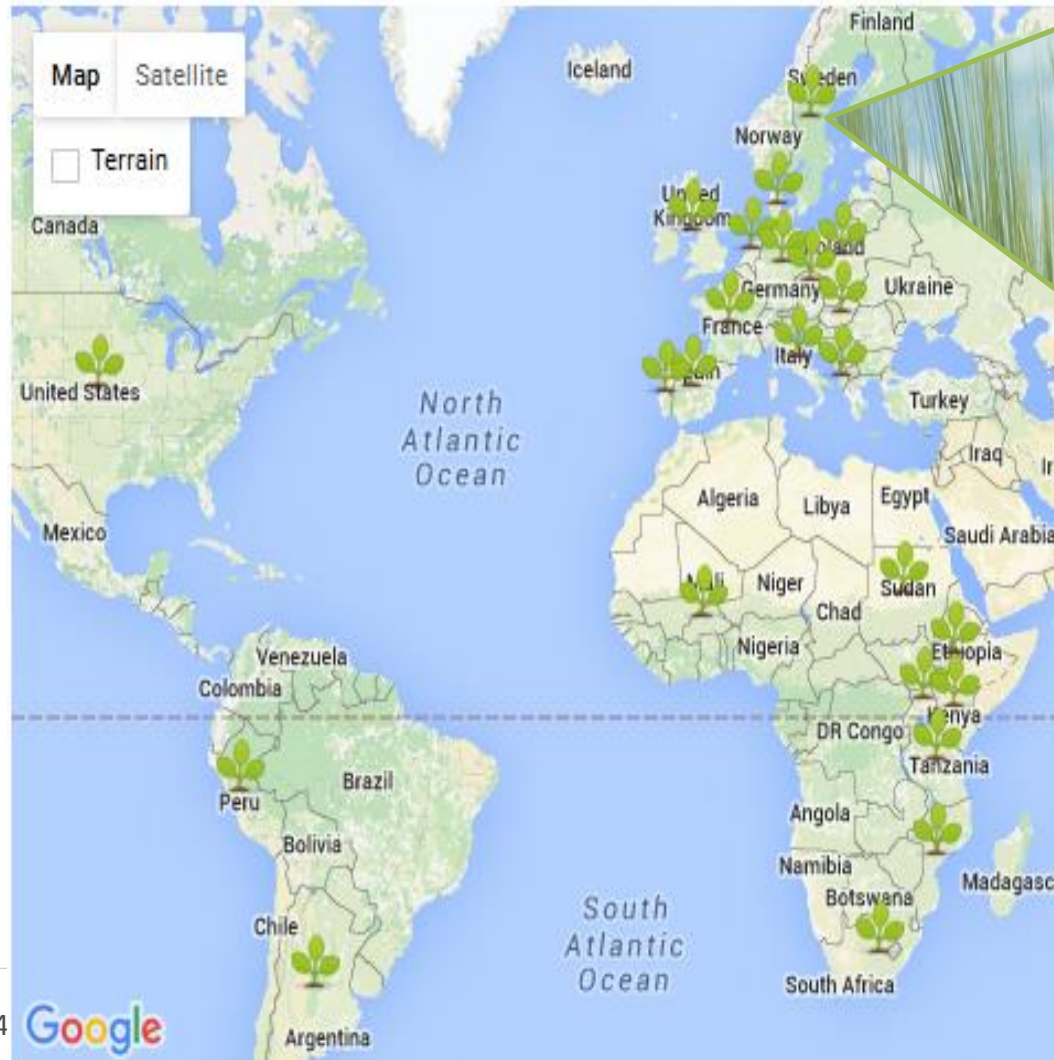
**IMPROVING
BIODIVERSITY
THROUGH PLANT
BREEDING**

22 May 2016

#BioDiversityDay



Our Activities: voluntary benefit-sharing



Sharing knowledge & technology /
providing material to the MLS

Sweden: PPPs in pre-breeding

Crops: spring barley, apples,
perennial ryegrass

Partners: Universities, breeding
companies, NordGen

Budget: 50% public, 50%
private

Results: generated pre-breeding
lines shared among partners
and put in NordGen available
under sMTA



Our Activities: voluntary benefit-sharing



voluntary benefit-sharing

Improving farmers' livelihoods via training (Fair Planet; 5 leading vegetable seed companies partnering)

- facilitating access of smallholder farmers to seed of the highest-quality vegetable varieties suitable for their needs;
- training the farmers to use these seeds with minimal changes to their traditional production practices.



Improving the opportunities of vegetable growers in the lowlands (Yayasan Bina Tani Sejahtera Foundation)

- digging of wells and installing of pipelines to make more water available for irrigation and consumption;
- printing manuals on vegetable cultivation and making those available to farmers;
- planting trees to make environments greener



Implementing benefit-sharing with custodian farmers in Peru:

- empower the farmers to organize and represent themselves
- start-up fund made available to farmers by HZPC





THANK YOU FOR YOUR ATTENTION



CONTACT US

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Thank you for your attention!

We wish to see you to the next
International Treaty.

QUESTIONS