



Presentation from  
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# Investing in land and water governance and rural livelihoods addressing droughts

Drought, food security, migration and Climate: Implications for policy and conflict. World Water Week, Stockholm August 2016



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# IFAD investing in smallholders' land and water governance

IFAD supports smallholder farmers in accessing knowledge, services and assets to overcome poverty through governments and other partners.

- Around 70% of IFAD-supported projects are located in ecological fragile environments where water is often a limiting factor

Practices for managing water scarcity, adaptation capacity

Local land and water governance between various users

Supporting hosting communities and refugees in strengthening NR governance systems and income generation

Smallholders' resources governance and drought resilience

Seize the opportunities offered by migration – remittances (250 billion per year 40% to rural areas) and diasporas' investments

# Pastoral Water and Resource Management Project in Sahelian Areas, PROHYPA - Chad

Total project cost: **US\$ 22,6 million** IFAD: **US\$ 19.5 million**  
Duration: **2009 - 2014** Directly benefiting: **240,000 people**

**Challenges:** Increasing levels of conflicts along pastoral migration routes, lack of water points under-utilization of grassland resources

## **Project response:**

- Mapping of route (190km) and GIS
- Construction of wells and 154 mixt well management committees
- 3 mixt commissions to management the transhumance routes
- Income generating activities for women reducing losses
- Reconstruction of the legal and regulatory framework for land



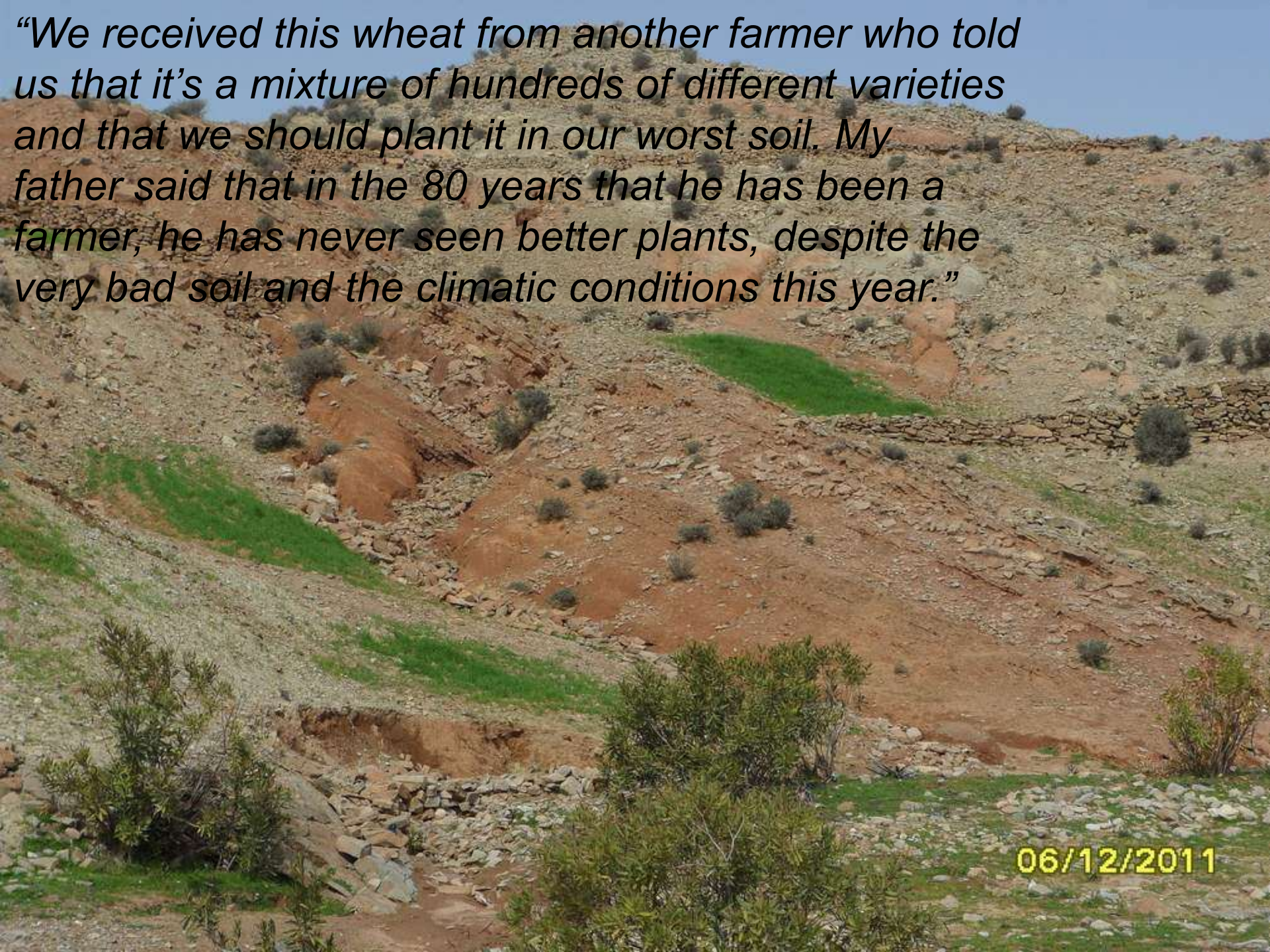
# EPPB for resistant diverse varieties in Iran

**Partners:** FOs, CENESTA, PDoA, ICARDA (barley), DARSI (wheat), IRRI (rice), IFAD, BSF, Dr. Salvatore Ceccarelli

- Seed package with 1,500 mixed carefully selected varieties gives horizontal resistance, tolerance and adaptability for marginal and challenging cultivation conditions
- Living 'gene banks' giving a great number of farmers access to a great amount of PGR diversity
- Farmers become the owners of their future with the best varieties evolving in their fields, no need to buy seeds
- Higher and more sustainable yields, good taste and bread making characteristics, high protein content for animal feed
- Fast spreading adoption through seed sharing and selling from 5 farmers in 2 provinces to 300 farmers in 19 provinces by the end of the project



*“We received this wheat from another farmer who told us that it’s a mixture of hundreds of different varieties and that we should plant it in our worst soil. My father said that in the 80 years that he has been a farmer, he has never seen better plants, despite the very bad soil and the climatic conditions this year.”*



06/12/2011

# Grant project to build resilience of Mafraq host communities and Zaatari refugee camp, Jordan

**Challenges:** Increased demand for food and pressure on scarce natural resources and services

## **Project response:**

- Reviving agriculture and livestock production activities through access to affordable loans for host com.

- Establishment of greenhouse vegetable production and raising sheep for food and income generation with focus at women

- home gardening, greenhouse cultivation, poultry and sheep farming, financial management and marketing for refugees

- Strengthening the capacities of community-based



