



Food and Agriculture
Organization of the
United Nations

COMMISSION ON
GENETIC RESOURCES
FOR FOOD AND
AGRICULTURE

The State of Agriculture and Biodiversity



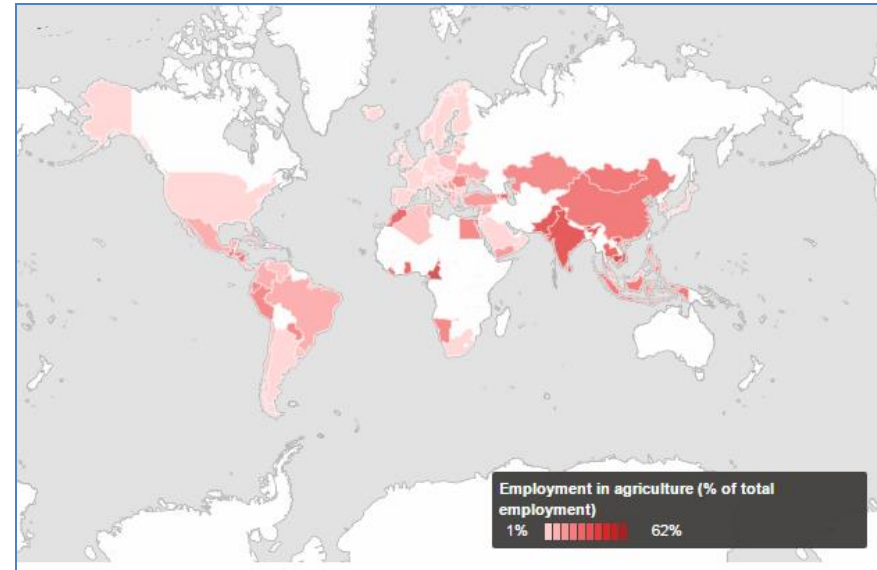
Julie Bélanger
Food and Agriculture Organization

2015 CBD Business & Biodiversity Forum
Helsinki, 11 November 2015



The global agriculture sector

- Crops, livestock, forestry, fisheries & aquaculture
- Over 1 billion people employed
- Global GDP (% value added) over 3%

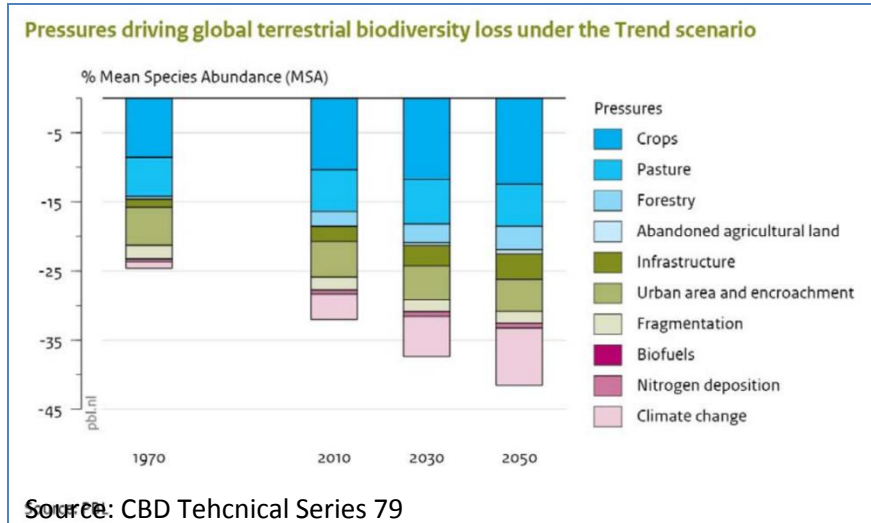


Source: World Bank 2013



The challenges of agriculture

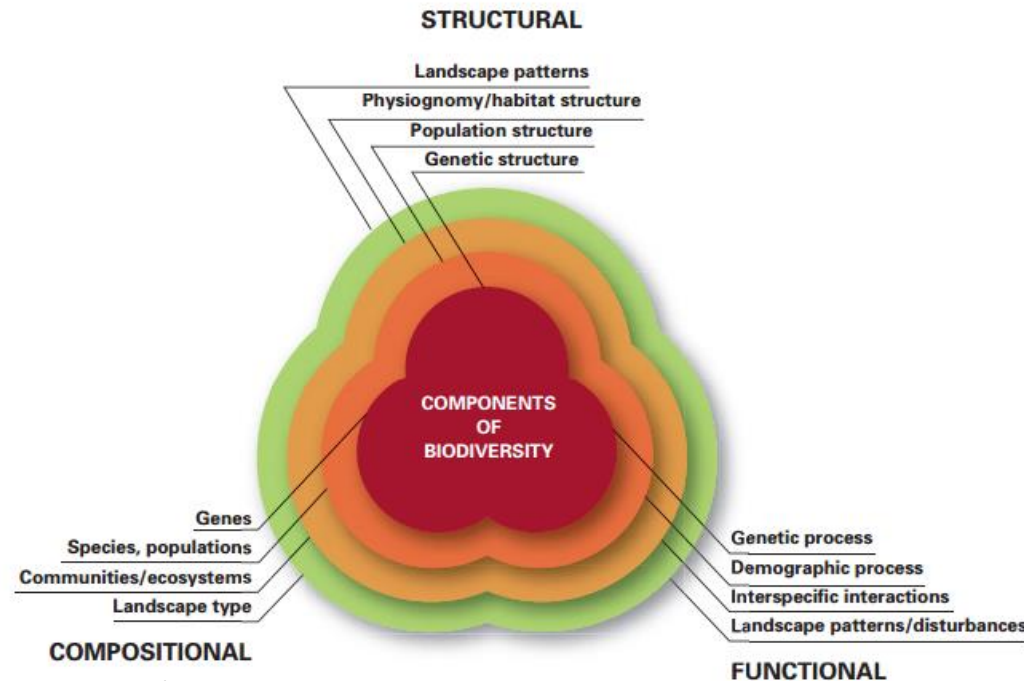
- Feeding a growing population
- With less resources
- Climate change
- In a sustainable way





Biodiversity for food and agriculture

- Variety and variability of micro-organisms, plants and animals at the **genetic, species and ecosystem** levels that sustain the functions, structure and processes of the agro-ecosystem



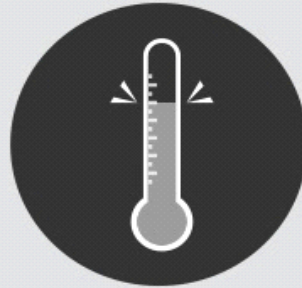
Source: FAO/PAR 2011



Genetic resources for food and agriculture



THREATS TO GENETIC DIVERSITY INCLUDE



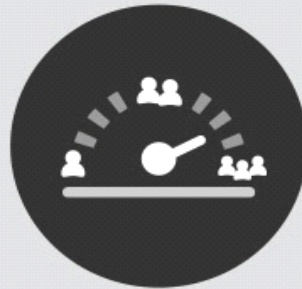
*climate
change*



*loss of natural
habitats*



*environmental
degradation*



*effects of increasing
population pressure*



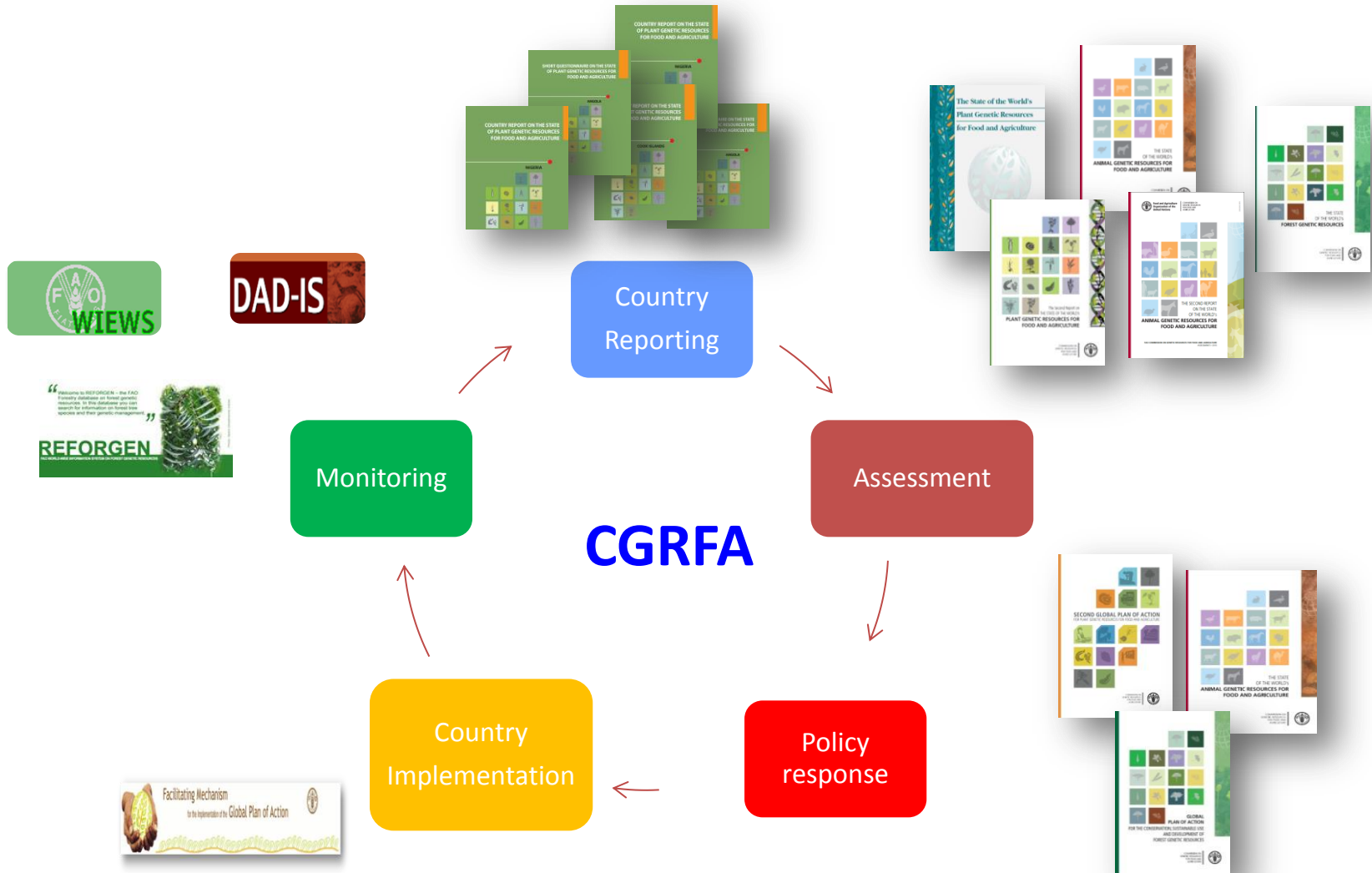
*change in
consumer demand*



*development and
use of a few species,
varieties and breeds*



Commission on Genetic Resources for Food and Agriculture





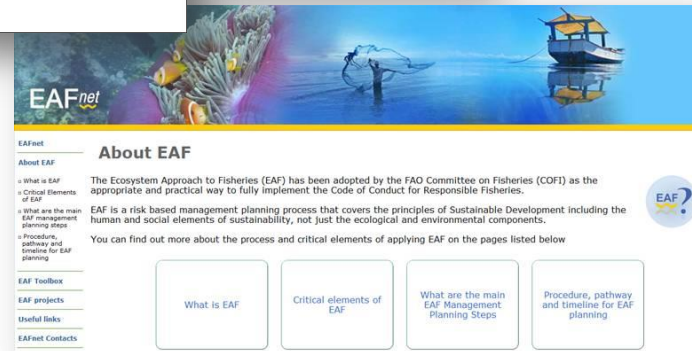
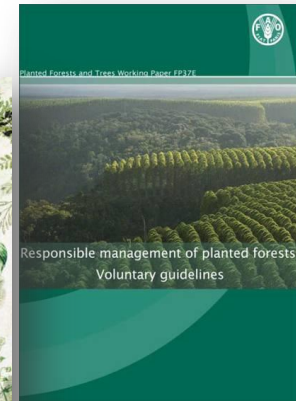
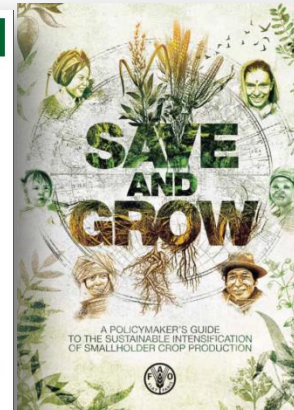
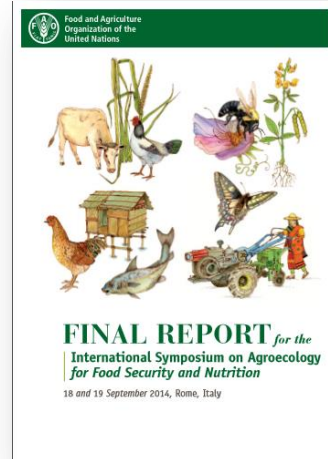
The State of the World's Biodiversity for Food and Agriculture

- All components of biodiversity for food and agriculture
- Focus on ecosystem services and functions
- Sustainable production, resilience and adaptability
- Management practices and interventions enhancing conservation and use of biodiversity for food and agriculture



FAO and biodiversity

- Guidelines
- Codes of conduct
- Plans of action
- Partnerships
- Conventions, agreements





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Thank you



For more information:

Commission on Genetic Resources for Food and Agriculture: <http://www.fao.org/nr/cgrfa/cgrfa-home/en/>

FAO and Biodiversity: <http://www.fao.org/biodiversity/en/>

FAO and Genetic Resources: <http://www.fao.org/genetic-resources/en/>