



Food and Agriculture Organization
of the United Nations

COFO 24
World Forest Week

Climate change

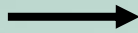
and its impact on the work and
activities of FAO in forestry

FO:COFO/2018/6.5



Introduction

+1.1 C
(2017)



USD 320 billion
economic damage

- Current contributions under the **Paris Agreement** cover only **1/3** of the **emission reductions** needed to limit climate change to < 2 degrees
- **2020 NDC revision** should close this gap, and strengthen **resilience**



Mitigation

REDD+ actions

- reduce **global emissions**
- provide **adaptation, biodiversity, livelihood and development benefits**

4 countries (**Brazil, Colombia, Ecuador, Malaysia**) have reported REDD+ emission reduction results to UNFCCC



6 billion t CO₂



FAO Forestry activities: mitigation

OVER 50 COUNTRIES supported in REDD+ readiness, implementation and results

- Forest monitoring
- Restoration
- Governance
- Sustainable forest management
- Drivers of deforestation
- Woody biomass as carbon neutral energy source
- Deforestation free commodity supply chains
- Transparency

Key programmes and projects

- **UN-REDD Programme** (FAO, UNDP, UN Environment)
- Free and open source **data tools**
- **SEPAL** (System for Earth Observation Data Access, Processing and Analysis for Land Monitoring)
- **A dozen** joint country projects with World Bank
- **A dozen** GEF projects: capacity building for transparency
- **Collaboration** between **REDD+** and **FLEGT**

UN-REDD
PROGRAMME



Increased needs for adaptation

- Increased temperature intensifies vulnerability
 - Fire, insect and disease outbreaks & spread of invasive species
 - Negative impact on food production & water supply
 - Tree mortality
 - Reduced carbon storage
 - Damage to infrastructure and settlements, and human well-being
- **Urgency:** specifically for **small island developing states and least developed countries**





FAO Forestry activities: adaptation

- Supporting **long-term** planning
- Providing tools and methodologies to **monitor vulnerability**
- Building **resilience of landscapes and livelihoods**

Key FAO programmes and projects

- Long-term planning with FAO/UNDP NAP-Ag Programme
- Vulnerability and risk assessments
- Action Against Desertification (AAD)
- FAO's Forest and Landscape Restoration Mechanism
- Networks on invasive species & fire
- Community resilience via Forest & Farm Facility



Looking ahead

SDGs and the Paris Agreement

- REDD+ resilience actions at a greater scale and pace

Positive interactions between agriculture and forestry

- Integrated land-use planning

Financing

- Increased political will + recognition of multiple benefits of forests

Consistency: NDCs & national adaptation and mitigation plans

- Cross-sectoral coordination and link to national development goals
- Synergies between mitigation and adaptation

FAO will continue to help strengthen forestry in NDCs and harmonise forestry strategies with climate change strategies.



The Committee may wish to encourage members to...

- Enhance ambition to reduce emissions in Nationally Determined Contributions (NDCs), and efforts to monitor and verify them
- Incorporate forests into National Adaptation Plans (NAPs), improve forest health, and restore degraded forests and landscapes



Committee may wish to request FAO to...

- Facilitate **inter-sectoral dialogues**
- Provide additional **technical and capacity-building support**
- Assist countries in **integrating forestry** into their NAPS, NAMAs and NDCs
- Explore **synergies across forest programmes** (REDD+, FLEGT)
- Enhance the role of **private sector**
- Support **multi-country technical and policy exchanges**.



Thank you!



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16-20 July, 2018
Rome, Italy

FAO