



Food and Agriculture Organization
of the United Nations

FAO learning tool on NAMAs in the agriculture, forestry and other land use sector

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Climate change affects the four dimensions of food security

- food availability,
- food accessibility,
- the stability of food supply, and
- the ability of consumers to adequately utilize food including food safety and nutrition.

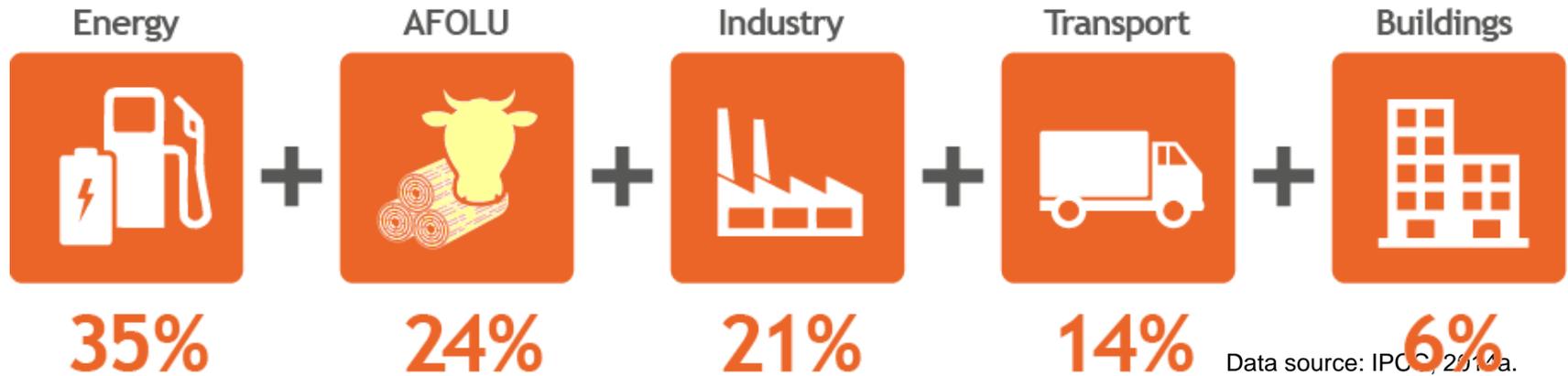


795 million people are chronically undernourished – about one in nine of the world's population (FAO *et al.*, 2015).

Smallholder farmers, forest dwellers, herders and fishers will be the most affected by climate change because of their limited capacity to adapt to its impacts.



Agriculture, forestry and other land use (AFOLU) is the largest emitting sector after the energy sector



Agriculture alone contributes **10–12 percent** of global GHG emissions.

2.7 billion tonnes
CO₂ eq

1961

5.4
billion tonnes
CO₂ eq

2012

Source: FAOSTAT, 2014.



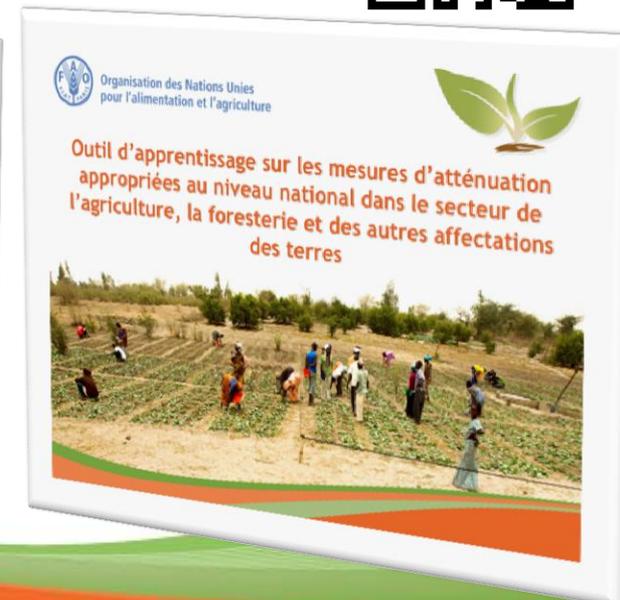
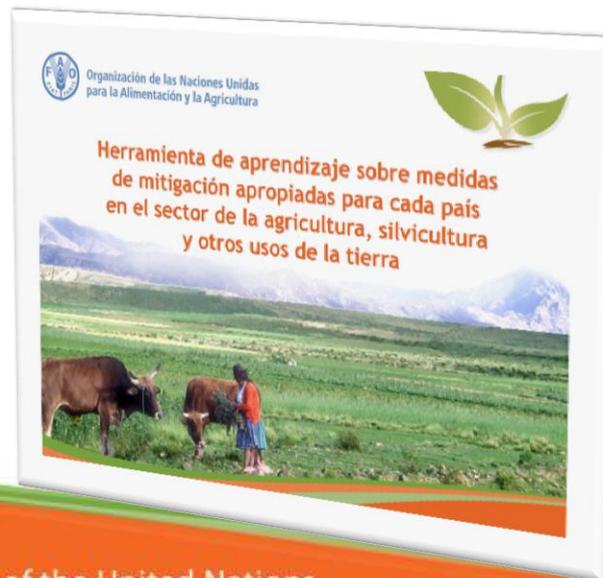
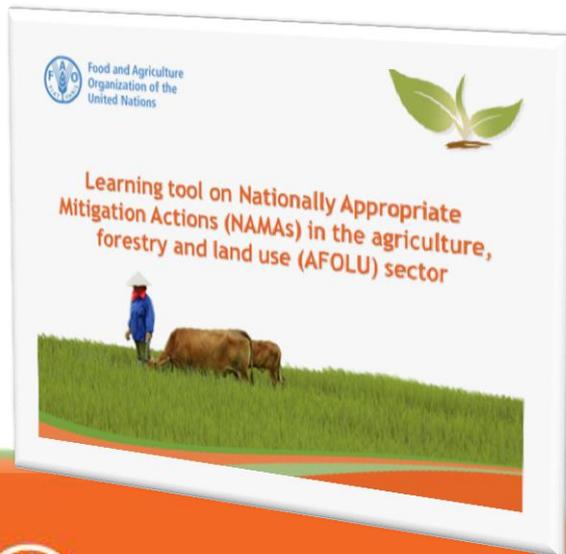
FAO tool for NAMA development in agriculture, forestry and other land use sector

In AFOLU sector there is a notable lack of NAMAs that received financing.

FAO tool supports the efforts of developing countries in **the identification, development and implementation** of country specific mitigation actions in the context of national sustainable development.

Format: online detailed guidance

Available at: <http://bit.ly/fao-nama-tool> in English, Spanish and French



Structure of the tool



The tool is composed of 5 modules:

1. Climate change and agriculture
2. Background on NAMAs
3. Step by Step NAMA Development
4. Monitoring, reporting and verification (MRV)
5. NAMA financing

Face to face trainings



NAMA tool was already used for tailored trainings on:

- Introduction to agriculture NAMA development in Zambia
- Dairy NAMA development in Kenya
- Integrated Food Energy Systems NAMA in Viet Nam
- Regional workshop on AFOLU NAMAs identification and design in Asia.

Additional, tailored trainings are available upon FAO member states request.

Trainings demonstrated that

- NAMAs in AFOLU can be instrumental in making **crop and livestock production more productive and efficient**; and
- NAMAs can be used as a vehicle to **access climate financing for INDC implementation.**



FAO's support for NAMA development

FAO's technical support to countries

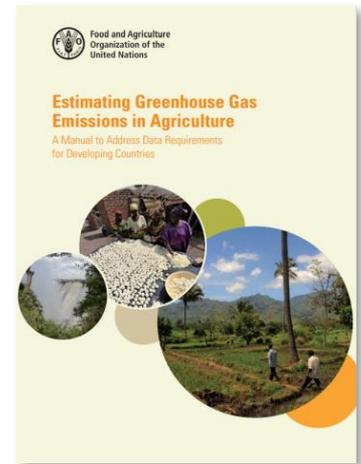
- define GHG baseline scenario and identify and set priorities
- measure impacts of mitigation actions
- quantify sustainable development benefits
- review and harmonization of policies/plans/programmes
- institutional mapping and inter-ministerial coordination.

Tools

- Data: **FAOSTAT**, **GLEAM**
- GHG monitoring and scenarios comparison: **FAO EX-ACT tool**
- Land use change monitoring: **FAO Collect Earth**

Knowledge sharing

- Publications, workshops, trainings, [webinars](#) and [“Online Communities of Practice on NAMAs in agriculture”](#).





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Learning tool on Nationally Appropriate
Mitigation Actions (NAMAs) in the agriculture,
forestry and land use (AFOLU) sector



Thank you for your attention

More information at:

www.fao.org/climatechange/micca/nama-tool/

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