Experiences in implementing MRV system
(land-use perspective)

Giacomo Grassi

European Commission, Joint Research Centre

Experiences in implementing MRV system, COP22, Marrakech, 9 November 2016

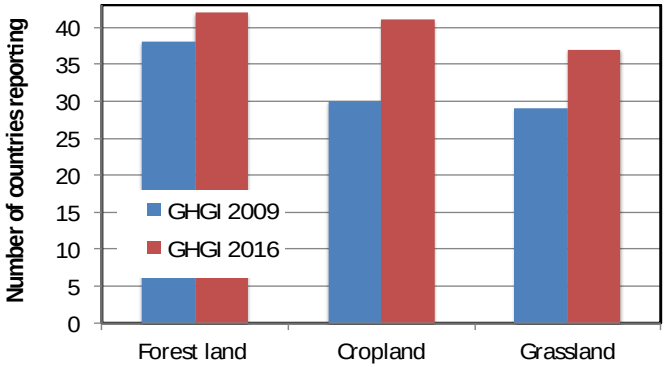
Experience and challenges in existing reporting

CONVENTION

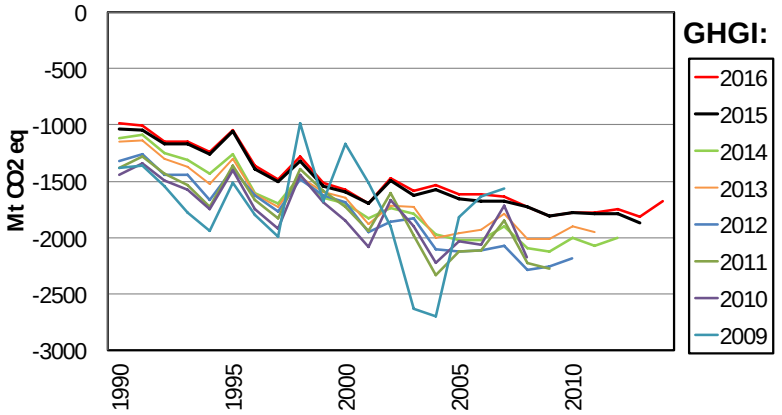
- Experience: nearly-mature in most AI, still in learning phase in most NAI

Driver of improvement:

Completeness by Land uses in AI countries



LULUCF estimates in AI countries



→ review process

- Challenges
  - AI: land representation (land matrix), soil C, verification (*sensu* IPCC), consistency with FAO
  - NAI: lack of detailed reporting guidance, national system, weak review process

KP: improved, but new provisions (FM Reference Level, Harvested Wood Products, natural disturbances) pose new challenges

→ review process, commitments

REDD+: success story. Reporting guidelines and step-wise approach are key.

Challenges: land representation, carbon density

→ review process, incentives

Reporting is a learning-by-doing process → **CONTINUOS IMPROVEMENT**

Research Centre

How existing reporting could be the basis for the new transparency framework?

We don't need to reinvent the wheel….

… but maybe we need a more '**flexible wheel'**

data availability/reporting capacity

other national circumstances

NDC type

http://www.timesofisrael.com/5000-years-later-the-wheel-gets-an-israeli-update/

GST - 

→ **Common reporting guidelines**, CRF tables and IPCC guidance

→ **Flexible application** (yrs, coverage→"REDD-like" prioritization of most *significant* sources, *conservativeness*) and focus on *transparency*, *consistency* and *verification*

→ Add "**continuous improvement**" explicitly in the future guidelines ? *capacity building* + *constructive review* pre-conditions for improvement → **flexibility should be dynamic**

→ How to incorporate some KP elements (FMRL, HWP, nat. disturb.) in future reporting?

→ Avoid duplications, focus on user-friendliness and accessibility for non-specialists.

Joint Research Centre

To roll down, a snowball does not need to be perfectly round (Jim Penman)

Joint Research Centre