

# Soil Carbon & Climate Change

## CGIAR pledges support 4p1000: Exploring potential for game changing results

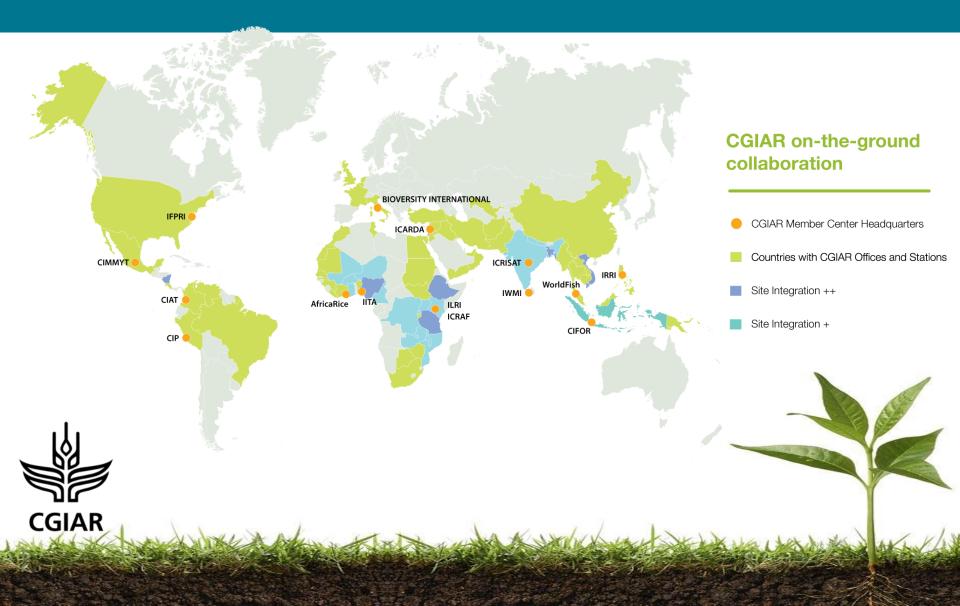
### Alain Vidal, CGIAR System Organization





CGIAR is committed to advance agri-food science and innovation to enable poor people, especially women, to better nourish their families, and improve productivity and resilience





SULLS FOR FOOD SECURITY AND CLIMATE

**CGIAR** 

#### Montpellier 29th & 30th June 2017 – 2nd CONSORTIUM of MEMBERS

## CGIAR and its partners aim to







## CGIAR: International Research for Development

### **Committed to**

- Maintream soil carbon conservation / sequestration as a best climate-smart / agro-ecological practice
- Promote countries' readiness through projects that combine mitigation and adaptation (eg through Green Climate Fund)
- Recognize our food system's need to follow the 'carbon law' set by the Paris agreement





**CGIAR** 

### A global 'carbon law' and roadmap to make Paris goals a reality

Limiting warming Annual global CO<sub>2</sub> emissions (GtCO<sub>2</sub> /yr) 40 GtCO,) 8 genic 600 30ago 20-400 Human carbon Cumulative global anthro emissions from 2017 onw emissions 10 -0. **Biosphere carbon sinks** Human carbon sinks -10 -20 2020 2030 2040 2050 2060 2070 2080 2090 2100 2010

Decarbonization pathway consistent with the Paris agreement

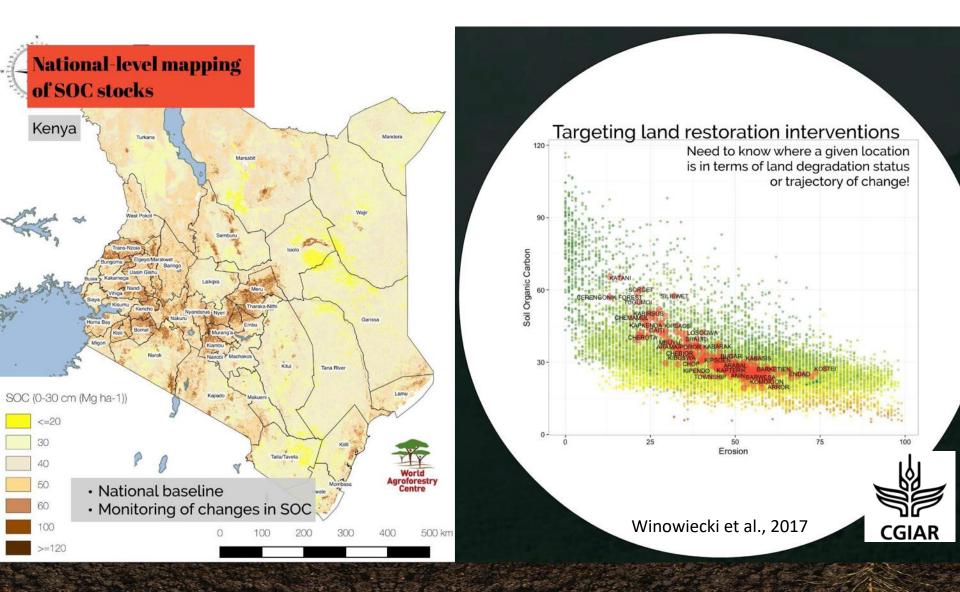
Limiting warming below 2°C with 66% probability
Limiting warming below 1.5°C with 50% probability
Anthropogenic CO<sub>2</sub> emissions (gross)
Fossil fuel and industry
Land use and land-use change
Land use and land-use change
Engineering CO<sub>2</sub> sink (BECCS)
Biosphere carbon sink
Land carbon sink
Ocean carbon sink

Whiskers on total natural sinks: the 90% range of modeled uncertainties.

Rockstrom et al., 2017



### From SOC mapping to targeted interventions





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# CGIAR and the 4p1000

- Member of the 4p1000 Consortium and Forum
- 3 CGIAR programs engaged with 4p1000 at various levels (incl. STC): CCAFS, WLE, FTA
- Party to the International Research Initiative MoU with INRA, Cirad, IRD and OSU
- Liaising with private sector partners on a soils initiative through WBCSD



# **Hosting Arrangements**

- The CGIAR System Organization will:
  - Host staff and secondees on behalf of 4p1000 (up to 2 staff members and 4 secondees)
  - Enter into agreements, eg for goods and services, on behalf of 4p1000 Secretariat
  - Invoice Secretariat for its personnel working in the office
    - €23,500 for each person employed by CGIAR on behalf of the Secretariat
    - €20,200 for each person seconded
    - No overhead cost on top of the cost per head





# **Hosting Arrangements**

- 4p1000 Consortium members and sponsoring organizations will:
  - Fund the Initiative (and thus the Executive Secretariat) on an on-going basis (includes the initial €100,000 from IRD)
  - Second their own staff and meet salary and other staff costs for all but the assistant role (drawn out of 4p1000 funds)
  - To be updated from time to time as situation evolves



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## Hosting Arrangements: The 4p1000 Secretariat will ensure that

- The Secretariat funds held by the CGIAR System Organization are sufficient to meet the liabilities that CGIAR is expected to incur in relation to the hosting arrangement
- At least € 40,000 maintained in the account at all times
- Secretariat will indemnify CGIAR System Organization for all liabilities incurred on behalf of the Secretariat
- Terminated by either party with 6 months' notice





Thank you

Photo: G. Smith, CIAT

