



Climate-Soil Community of Practice meeting



giz



Welcome note for the

**Climate-Soil Community of practice Event:**  
*“Creating an Enabling Framework for Carbon Market  
Projects for Soil Protection”*

*October 27<sup>th</sup>-October 29<sup>th</sup> 2020*

Paul Luu

Executive secretary of the “4 per 1000” Initiative

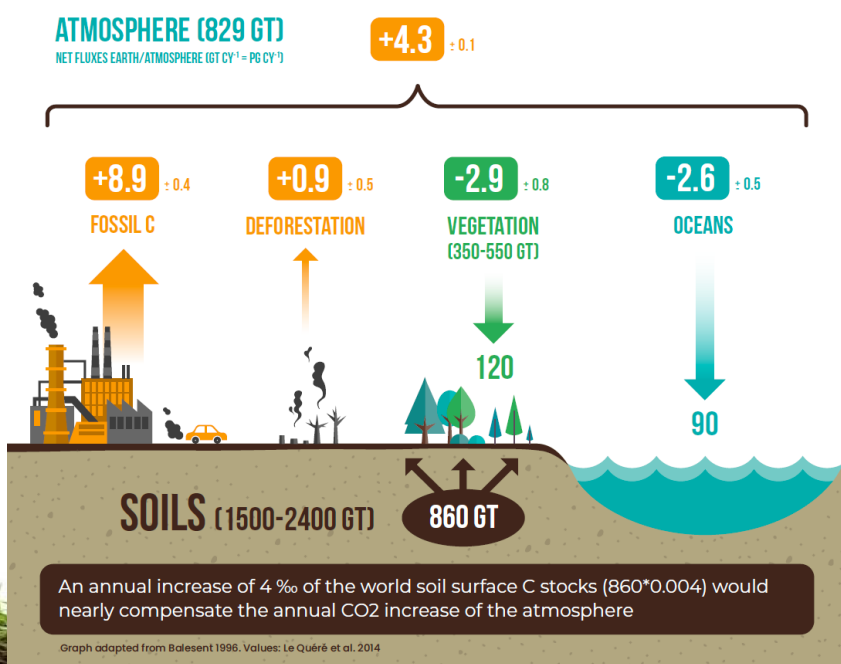




# The 4PER1000 International Initiative

- aims at increasing **carbon sequestration in soils** to:
  - ✓ mitigate climate change
  - ✓ adapt to climate change
  - ✓ contribute to food security
  - ✓ restore degraded soils

- was launched at COP 21 & part of the UN Global Agenda for Action
- puts soil carbon sequestration on the political agenda (NDC)
- promotes SOC related climate change mitigation projects



<https://www.4p1000.org/>



# An overview of Partners & Members



491  
Partners  
among which  
230  
Members  
*(September 2020)*





# The 4PER1000 Initiative's Strategic Plan



## STRATEGIC PLAN



### VISION 2050

Worldwide healthy and carbon-rich soils to combat climate change and end hunger.



### MISSION 2030

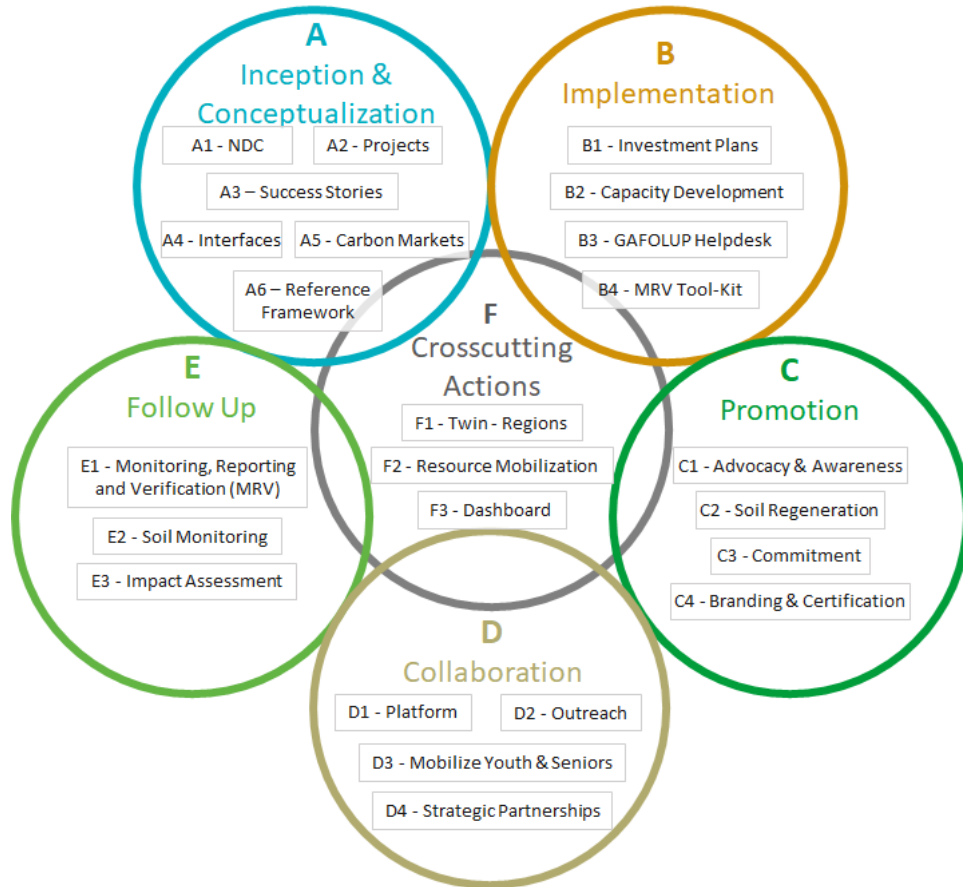
Provide a supportive framework and action plan to conceptualize, implement, promote and follow up actions, on soil health and soil carbon, through an enhanced collaboration between stakeholders of the «Agriculture, Forestry and Other Land Use (AFOLU)» sector, in line with the UN Sustainable Development Goals (SDGs).





# The 4PER1000 Initiative's Strategic Plan

Strategic Plan  
6 Goals & 24 Objectives

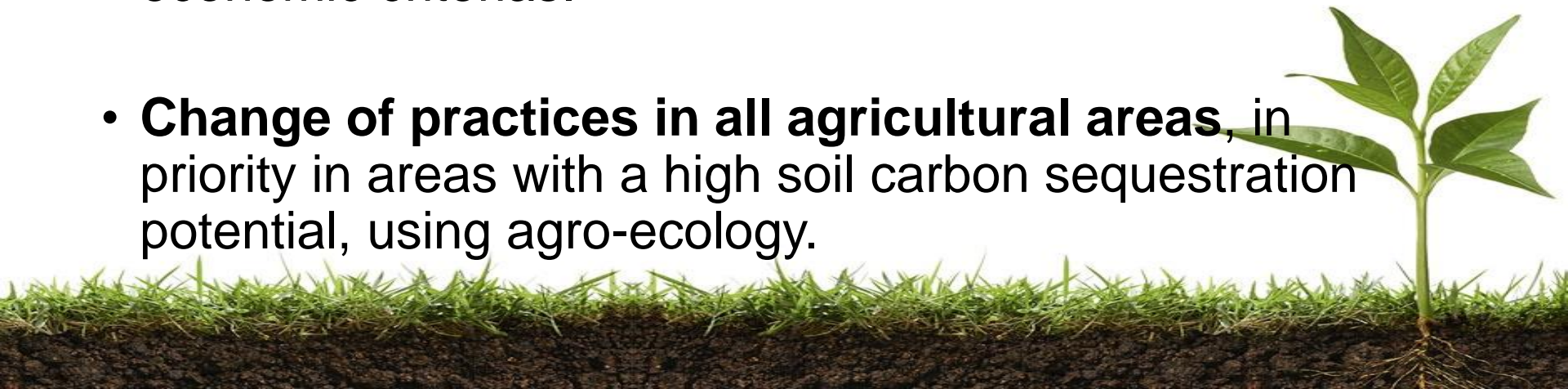


- **Strategic Plan** was adopted by the Consortium of members in June 2020
- It defines 24 strategic objectives
- We are currently forming **Task Forces** around every objective **(Please join!)**
- e.g. GIZ has taken a leading role within the **Task Force A1 (NDCs)**



# 3 types of actions on the ground to fight climate change and food insecurity:

- **Conservation of remaining natural habitats** with a strong protection on the ones sensible regarding carbon sequestration above and below ground (e.g. peatlands) and biodiversity.
- **Ecosystems restoration** based on the definition of global priority areas, taking in consideration socio-economic criterias.
- **Change of practices in all agricultural areas**, in priority in areas with a high soil carbon sequestration potential, using agro-ecology.

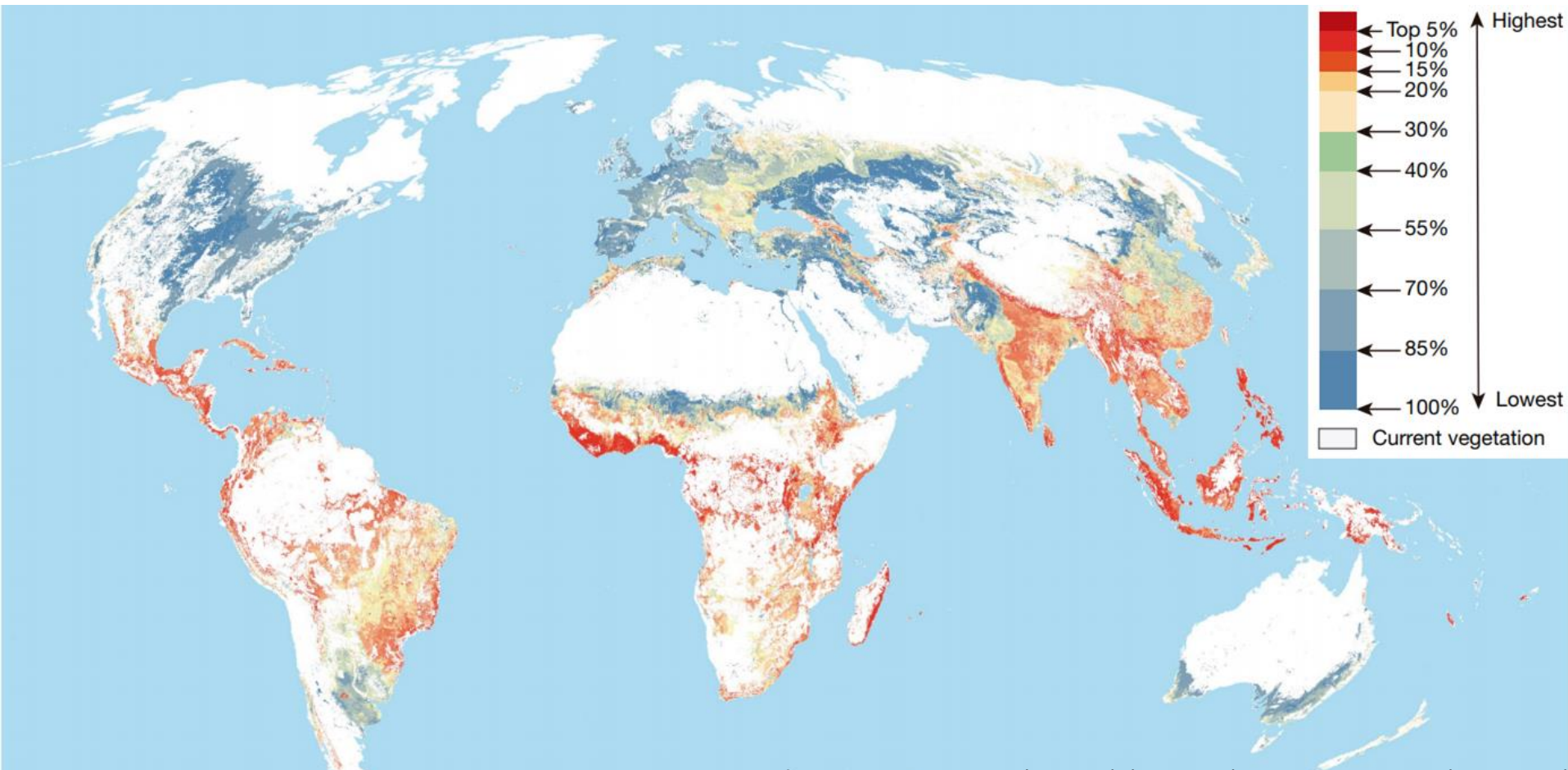




# Relevance of partnership with GLZ and other donors and agencies:

*“...We find that restoring 15% of converted lands in priority areas could avoid 60% of expected extinctions while sequestering 299 Gt of CO<sub>2</sub> - 30% of the total CO<sub>2</sub> increase in the atmosphere since the Industrial Revolution.”*

→ largest potential to capture atmospheric C and increase biodiversity in developing countries!



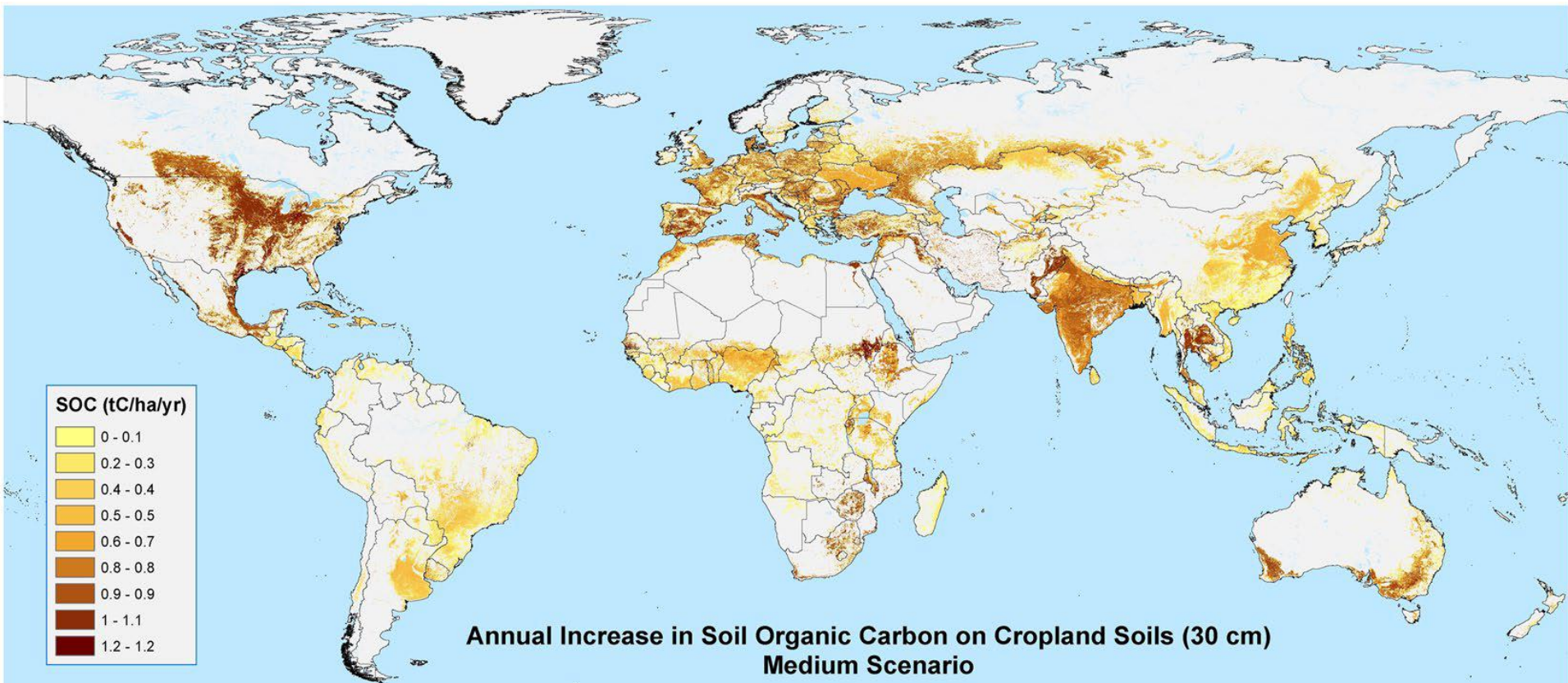


# Relevance of partnership with GLZ and other donors and agencies:

→ Priority areas for soil carbon sequestration potential with a special focus in developing countries:

***East Africa, India, South-East Asia***

SCIENTIFIC REPORTS | 7: 15554 | DOI:10.1038/s41598-017-15794-8





# Future trend towards agro-ecology



**Agro-ecology:  
needed evolution of agricultural systems**

Use of mineral fertilizers and phytosanitary products

Conventional Agriculture

Conservation Agriculture

Organic Agriculture

Regenerative Agriculture

Biodynamic Agriculture

Agroforestry

Holistic grazing system

Natural forestry Ecosystem

Biodiversity and SOC



# Importance of Community of Practice:

- For the “4 per 1000” Initiative it is crucial to strengthen partnership with priority regions
- We need a strong interface with the people working on the ground
- For this purpose “4 per 1000” Initiative and GIZ are jointly establishing the ***Climate-Soil Community of Practice*** that focuses on:
  - *capacity development*
  - *implementation of activities in the context of development cooperation*





# Importance of Community of Practice:

- The envisaged Community of Practice allows to share responsibilities and make use of synergies:
  - **“4 per 1000” Initiative** = global science and policy interface / networking,
  - **GIZ** (and others!) = practice interface for development cooperation

A structuring element of the Community of Practice are regular and theme specific expert meetings that are organized by **rotating hosts** (following the Tropentag model)





# Importance of this meeting:

- Besides the technical objectives of this meeting, the aim of this event is to call for other Official Development Agencies to join force!

We therefore invite you to become part of the

**a) *Climate-Soil Community of Practice***

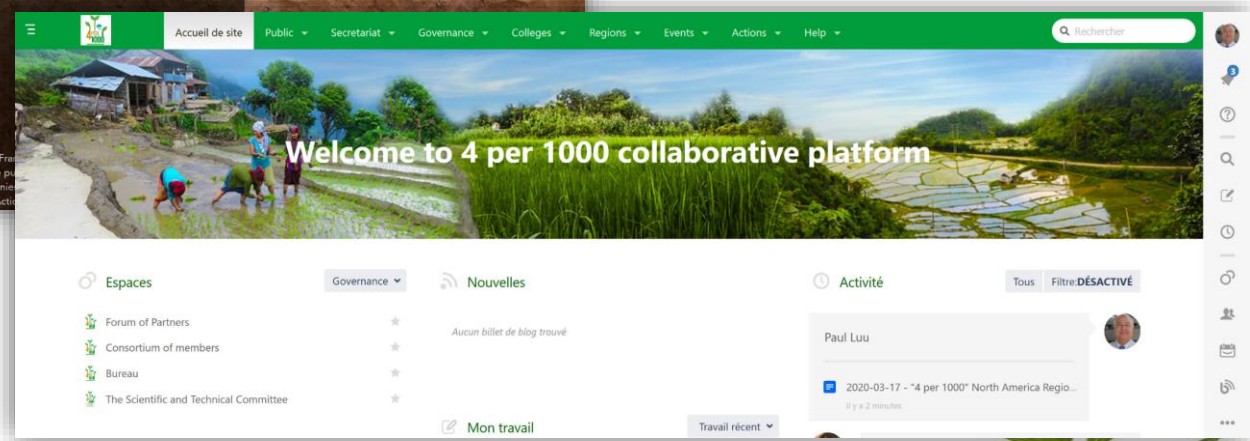
**b) *“4 per 1000” Task Forces***

As GIZ with “4 per 1000” Initiative took the lead for this event, we are looking for a volunteer that wants to take over and co-organize/host the next event





<https://www.4p1000.org/>



Thank you for your attention.

