

The « 4 per 1000 » Initiative

General Presentation

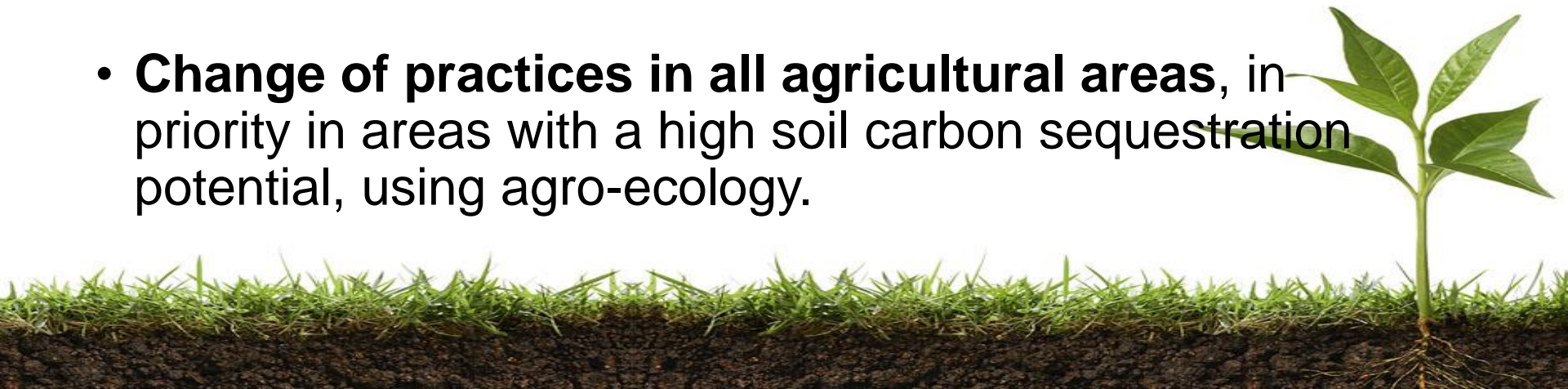
Paul LUU, Executive Secretary

December 4th 2020



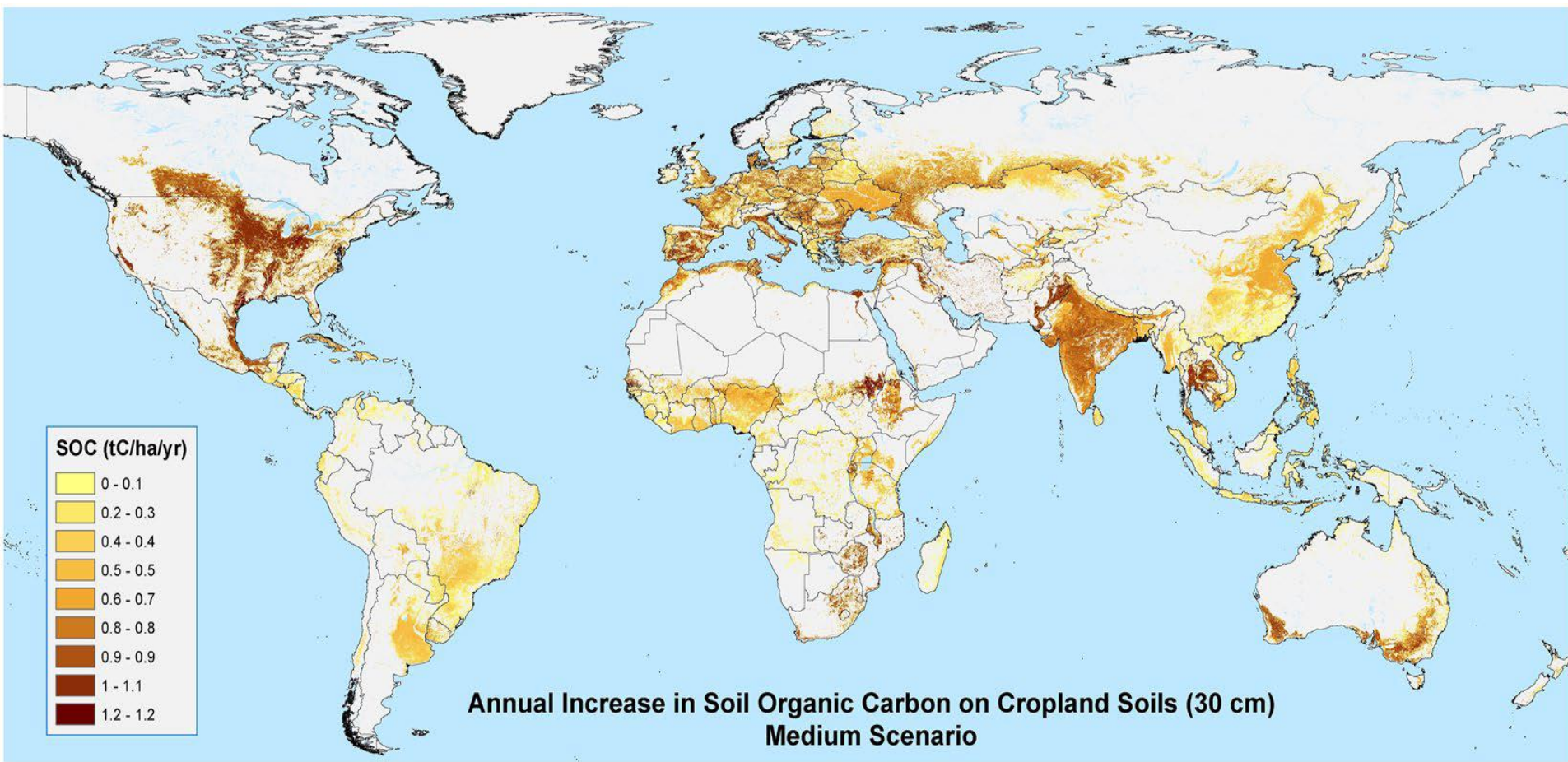
3 types of actions to fight climate change, food insecurity and increase biodiversity

- **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.



Change of practices in all agricultural areas

→ Priority areas for soil carbon sequestration potential



Why storing C in soils?

- **To Mitigate climate change**

- Attenuate GHG emissions.
- OC can be stored in soils for decades to millenia
- Low cost negative emission technology

- **To Adapt to climate change**

- Soil organic matter increases water retention capacity,
- and decreases sensitivity to erosion

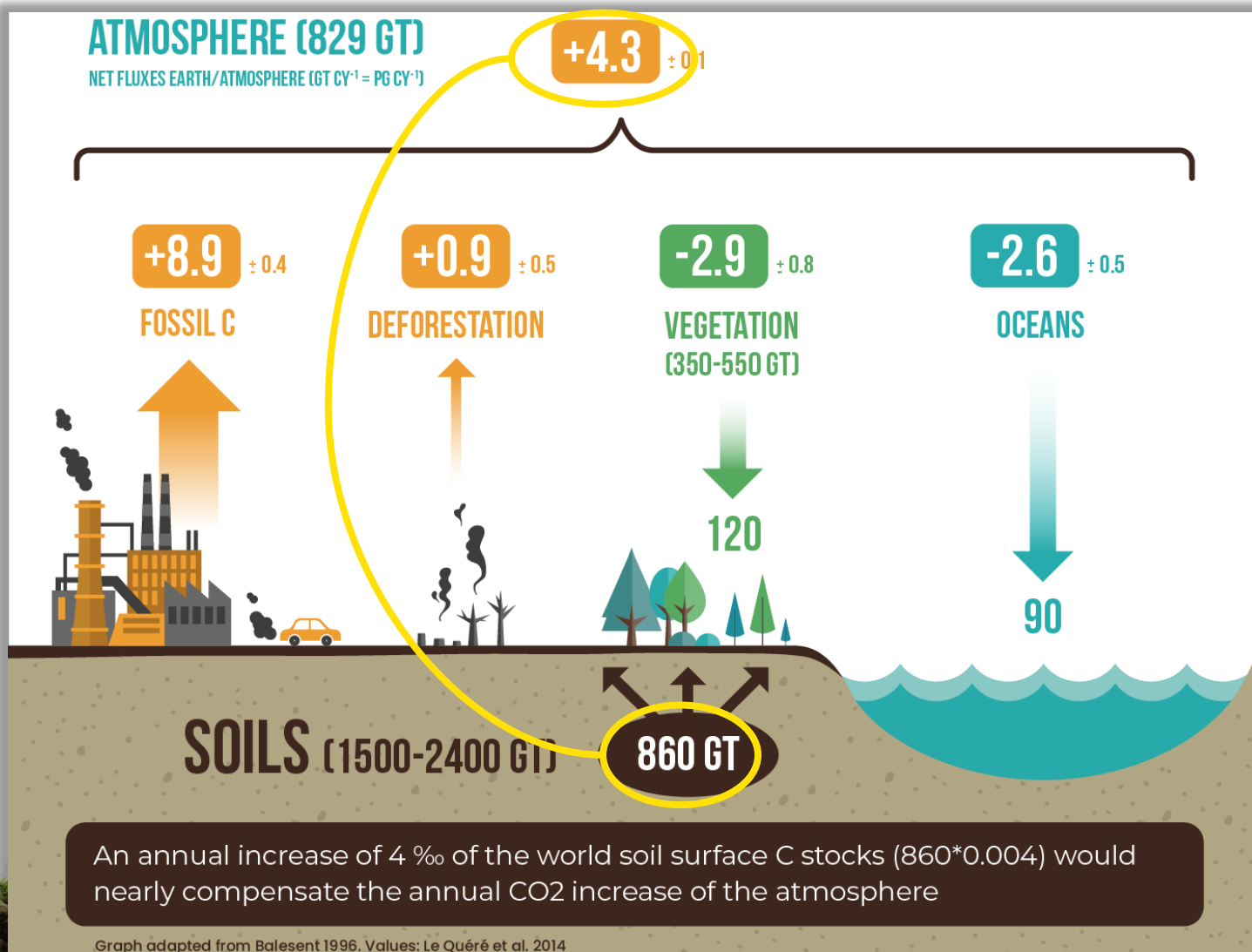
- **To Contribute to food security & restore degraded soils**

- Soil organic matter plays a major role in soil fertility
- As well as yields stability
- It helps restoring degraded soils



4 PER 1000

WHERE DOES IT COME FROM ?



Goals of the 4°‰ Initiative

Increase carbon sequestration in soils as organic matter, for:

- increasing food security
- adapting agriculture to climatic changes
- mitigating climate change

Pursuing the objectives of sustainable development adopted by the United Nations.



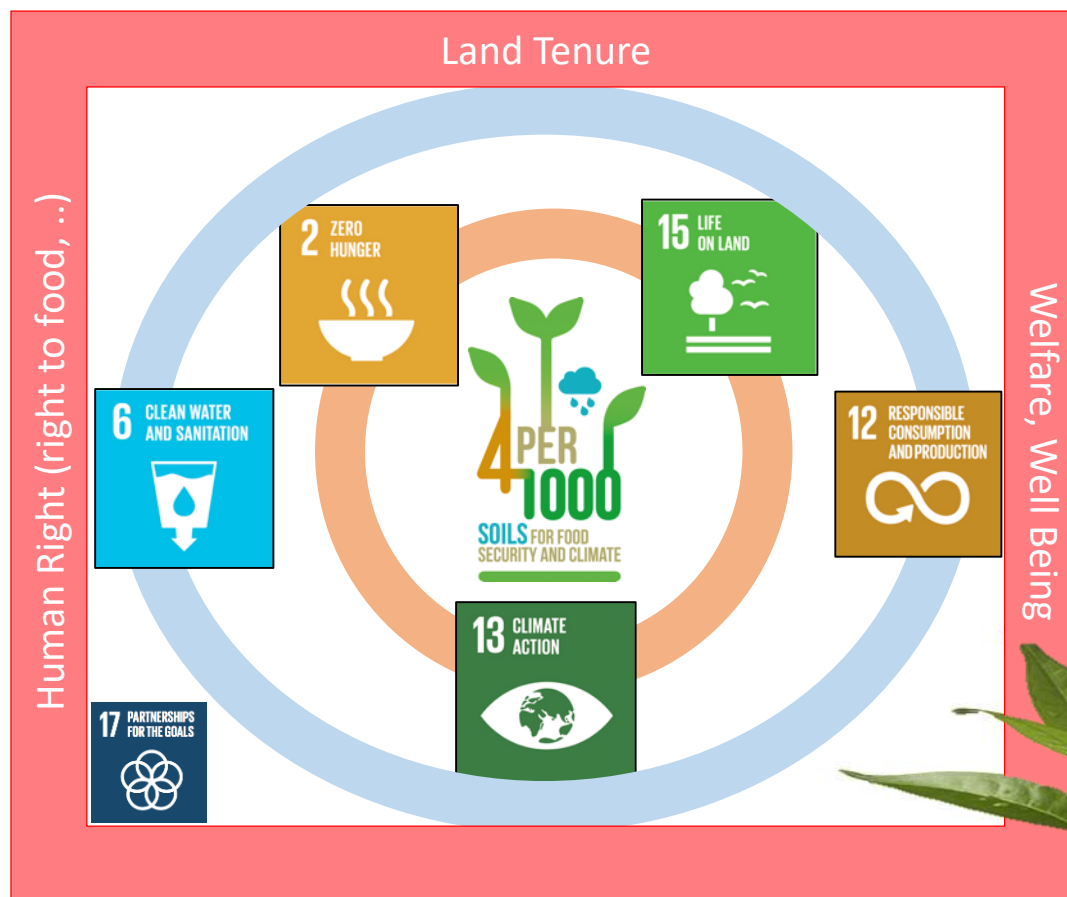
Targets of 4‰ and SDGs



Direct TARGETS

ASSOCIATED TARGETS

Safeguard TARGETS: help
Ex-ante assessment to
avoid harmful impacts



Limits and feasibility: practices



Integrated soil fertility management



Agroforestry



Conservation agriculture



Water management



Annual 4 per 1000 increase locally attainable
Great variability of C storage rates (climate, soil..)
Limits : biomass availability, nutrients, water, soil...



Cover crops



Organic fertilization



Rangeland management



Partners & Members (Oct. 2020)

FORUM partners

535 signatories of the Paris Declaration

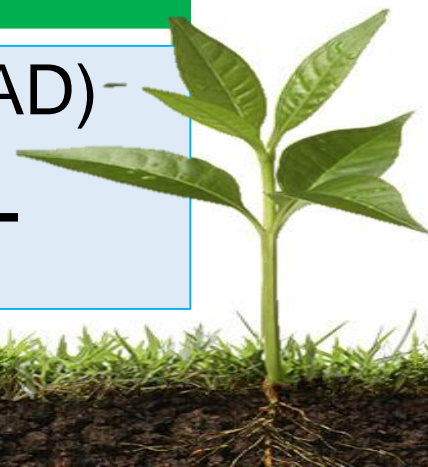
Including 48 countries & provinces, 16 international & regional organizations, 10 foundations & development banks, 177 NGOs, 94 research & education bodies & Universities, 56 Farmers organizations and 134 enterprises

CONSORTIUM Members

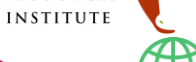
Already 247 signatories of the Declaration of Intention n°2

Chair : **Dr. Ibrahim MAYAKI** (ES NEPAD) -

Vice-Chair : **Mr. Stephane LE FOLL**
(ex - Min. Agriculture – France)

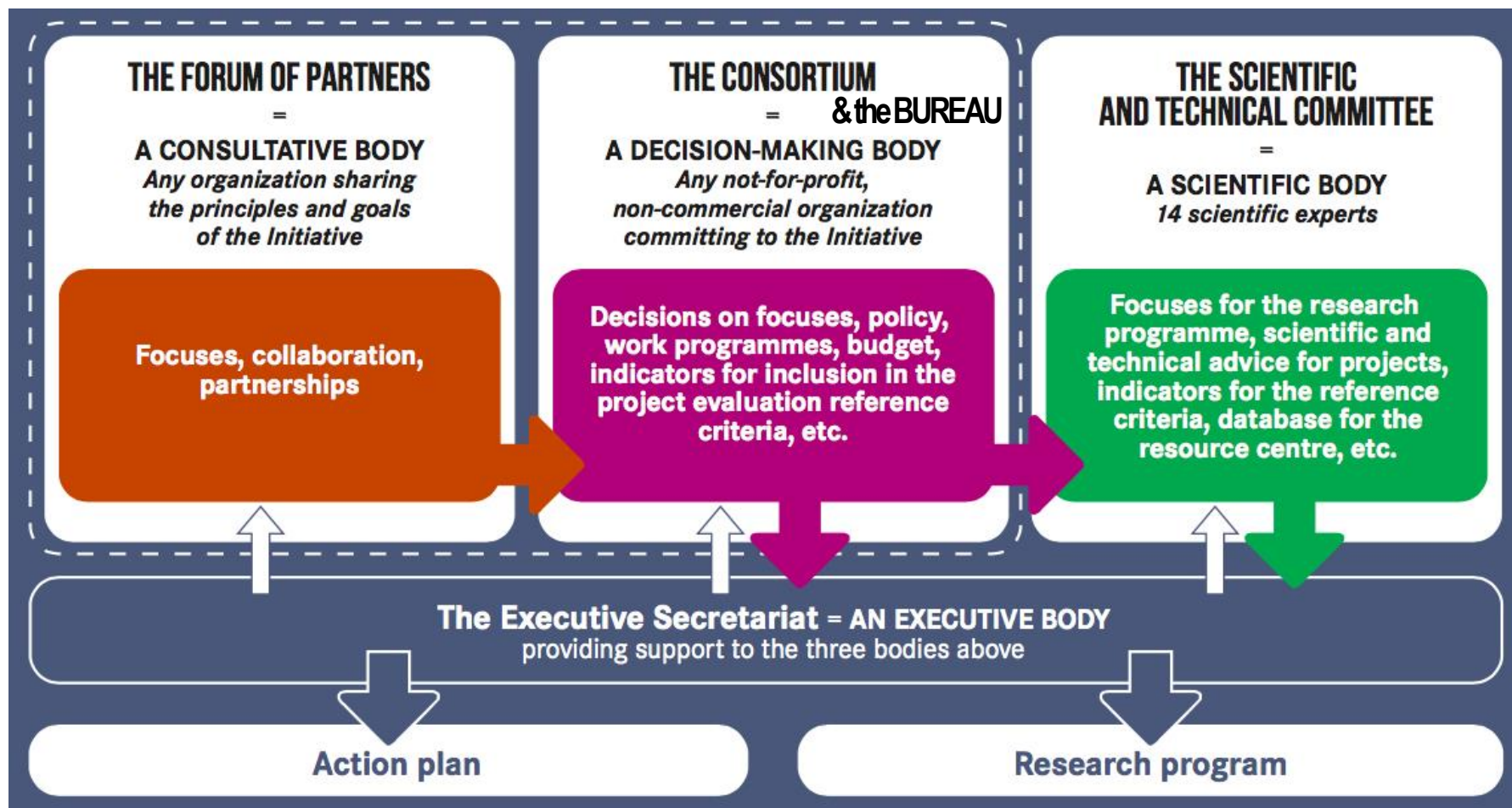


Some Partners & Members in Oct. 2020



Members
Partners
States/Regions

Governance of the Initiative



Activities on Scientific fold

- **Scientific and Technical Committee** (9 meetings, articles, set of indicators & criterias, projects assessments, project of book, etc.)
- **Contribution to scientific oriented cooperation networks** (CIRCASA, IRG, Orientations for international research program, GSP-FAO/ITPS, SOC good management practices manual, Koronivia Joint Work on Agriculture, etc.)
- **Project of an international Dashboard** on carbon sequestration through agriculture
- **Website, Etc.**



Activities on « in the field » fold

- **Mobilization of all categories of stakeholders and animation within colleges** (Policy makers, IO, Dev. Banks and Funds, Farmers organizations, NGOs, Research and Education institutions, businesses)
- **Collaborative platform 1.0 and 2.0**
- Website « **www.4p1000.org** » and **social networks**
- **General awareness and recruitment** of new partners and members
- The **Strategic Plan of the Initiative**
- **Call for projects** for assessment in 2019 and 2020
- **Project on pilot action** - Change Climate - Twin-regions for carbon sequestration
- **Institutional meetings** (during UNFCCC COPs) and **regional meetings** (1 to 3 per year)





The **4PER1000** Initiative's Strategic Plan



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

GUIDING PRINCIPLES

- **Soil health is at the center** of actions
- **Farmers/foresters are key actors at the center and managers of their farming/forestry systems.**
- A territorial approach that respects **land rights** and holders, adjusts to local conditions, follows the subsidiarity principle and strengthens local ownership of action.
- A **science-based and result-oriented approach**, with the help of an international multidisciplinary "4 per 1000" Initiative **Scientific and Technical Committee (STC)**.
- A "4 per 1000" Initiative **Executive Secretariat** that facilitates and organizes, and **Members and Partners** who voluntarily act and implement.
- A focus on **strengthening inter-institutional collaboration**
- A **multi-stakeholder approach** and a **public-private cooperation** that promote **mutual support between actors, open access and open data** and **optimal allocation of resources** including to farmers/foresters.
- The **ability to learn, agility, willingness and team spirit** at all levels provide the **flexibility and drive** needed to meet the complex challenges ahead.
- **Gender equality** and the **empowerment of women and young people in agriculture.**
- The **inclusion of ethnic minority groups.**



The 4PER1000 Initiative's Strategic Plan

GOALS

Broad long-term aims that define accomplishment of the vision

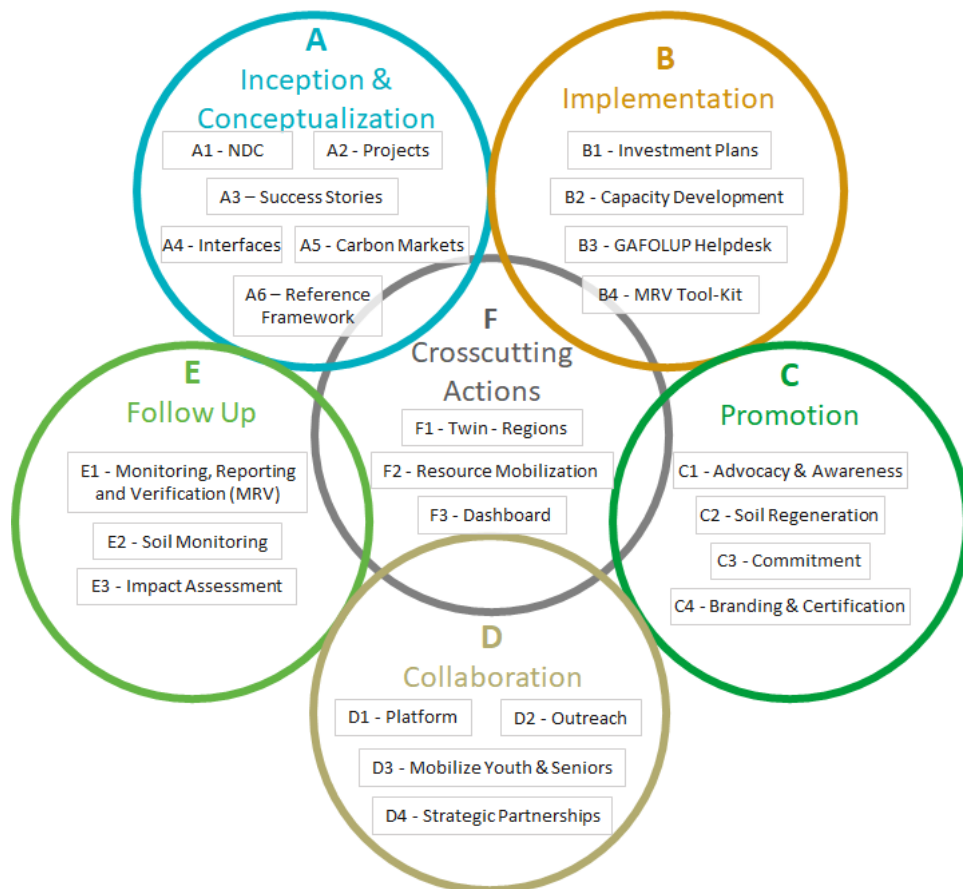
A INCEPTION & CONCEPTUALIZATION	Facilitate the emergence and ensure the feasibility of methodologies, tools and recommendations that foster stakeholders' ability to implement the Initiative on the ground
B IMPLEMENTATION	Foster enabling environment and/or framework (business model, trustworthy third-party, tutoring, mentoring, amplify impact, scaling up) for implementation on the ground
C PROMOTION	Raise awareness and advocacy, build trust, encourage partnerships, engagements and commitments of all stakeholders
D COLLABORATION	Implement an online collaborative platform that facilitates and supports interaction between partners, with powerful tool box, business plan and knowledge management strategy
E FOLLOW UP	Establish an international science based framework recognized by all stakeholders for the assessment of impact through monitoring, reporting & verification
F CROSSCUTTING ACTIONS	Highlight the pertinence of the «4 per 1000» Initiative by initiating and supporting concrete and result-oriented actions on the ground and increase resource mobilization to ensure the long-term viability of the Initiative.

Each objective is defined by its number, description, baseline 2020 (present status), and targets 2030 and 2050.



The 4PER1000 Initiative's Strategic Plan

Strategic Plan
6 Goals & 24 Objectives

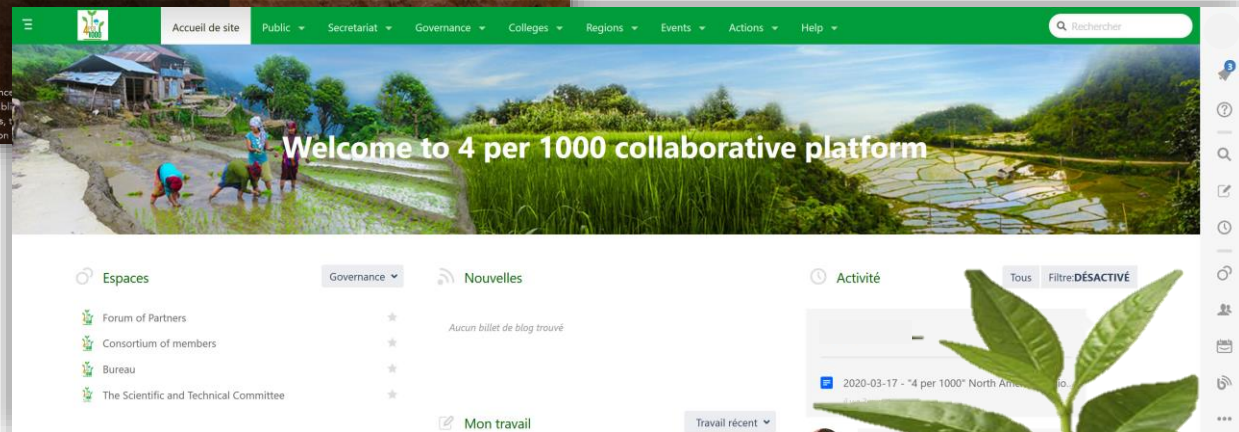


- [Strategic Plan](#) was adopted by the Consortium of members in June 2020
- It defines 24 strategic objectives
- We are currently forming **Task Forces** around every objective ([Please join!](#))





www.4p1000.org



Thank you for your attention....

