



### AMBITION

Accelerate climate change mitigation
Intensify the adaptation of agriculture to climate change
Improve food security

The ambition of the «4 per 1000» Initiative is to encourage land users to move towards a diversified, productive, resource-efficient and highly resilient agriculture and forestry based on appropriate management of natural resources, in particular land, soils and water, strengthening farming activities and the global economy ensuring sustainable development.

This initiative invites all stakeholders (producers, scientific community, private sector, NGOs, regional and local authorities, countries, international organizations, development banks, foundations, etc.) to promote and implement science-based practical actions to maintain and manage soils to be healthy and living, and thus fertile, and be a carbon sink and not a source, based on successful experiences and support of science and rational methodology.

The Initiative wants to involve stakeholders to contribute to develop a global monitoring platform to better quantify soil carbon stocks and establish adequate public policies encouraging farmers and foresters to adopt agricultural practices that conserve and increase soil carbon stocks.

#### imate change

# 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).



### **GUIDING PRINCIPLES**

We believe in:

Soil health is at the center of actions

Farmers/foresters are key actors at the center and managers of their farming/forestry systems

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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 voluntary act and implement

A focus on strengthening inter-institutional collaboration.

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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

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The inclusion of ethnic minority groups.



#### Goals are broad long-term aims that define accomplishment of the vision.

ilitate the emergenc ommendations that ground
ter enabling enviro d-party, tutoring, me the ground
se awareness and adv commitments of all
lement an online raction between p wledge managemen
ablish an internation s for the assessment
hlight the pertiner porting concrete ar purce mobilization to





nce and ensure the feasibility of methodologies, tools and foster stakeholders' ability to implement the Initiative on

onment and/or framework (business model, trustworthy nentoring, amplify impact, scaling up) for implementation

dvocacy, build trust, encourage partnerships, engagements all stakeholders

collaborative platform that facilitates and supports partners, with powerful tool box, business plan and ent strategy

nal science based framework recognized by all stakeholt of impact through monitoring, reporting & verification

nce of the «4 per 1000» Initiative by initiating and and result-oriented actions on the ground and increase to ensure the long-term viability of the Initiative.



## A - INCEPTION & CONCEPTUALIZATION

### **OBJECTIVES**

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

	OBJECTIVE	BASELINE 2020	2030
<b>A</b> 1	Ensure that the Nationally Determined Contributions (NDCs) of all UNFCCC country Parties contain references to soil health and Soil Organic Carbon (SOC), and that they are taken into account in their sustainable agriculture development programs.	In 2019, out of 196 countries' NDCs, only 13 refer to SOC in relation to agricultural mitigation targets or adaptation actions, and 20 refer to peatlands or wetlands in relation to such targets. A further 3 NDCs refer to soil carbon without clear linkages to targets.	Enlist 100 % of country parties at the UNFCCC, members or partners of the «4 per 1000» Initiative.
A2	Foster the emergence of innovative projects centered on soil health and in line with «4 per 1000» ambition and with the help of the set of indicators and criteria for formative project assessment elaborated by the STC.	A call-for-project 2020 introduced with a wider base of contacts and a targeted timing. 5 to 10 high quality projects selected.	10 to 20 high quality impact based projects selected and implemented on the ground.
<b>A</b> 3	Share relevant emerging ideas, innovations and success stories from all stakeholders (bottom-up and top-down approaches).	1 study/review per year.	5 studies/reviews per year.
<b>A4</b>	Enhance the interfaces «science and practice» (R&D) for policy makers, scientists and producers.	1 global (online) meeting a year 1 periodical note a year.	5 regional (online) meetings a year 2 to 3 periodical notes a year.
A5	Screen, compile and share the best Carbon market mechanisms and compensation schemes on C sequestration.	The 3 to 5 best compensation schemes, available in 2020, summarized and presented to members and partners of the Initiative.	Selection of the «4 per 1000» «certified» compensation scheme for adoption and implementation in the 5 regional levels, for agricultural lands and forests.
<b>A6</b>	Develop a scientific reference framework including socio-economic aspects (research programs, international scientific cooperation and STC) that shows the potential of soil health contributing to carbon sequestration resulting in a positive carbon balance in AFOLU systems.	Start a multi-stakeholder discussion. Contribution to CIRCASA project and inception of the IRC.	A scientific reference framework and used.

#### 2050

In 2050, ensure that, globally, 100% of all UNFCCC country Parties include Soil Health and SOC in their NDCs and development programs.

50 high quality impact based projects selected and implemented on the ground.

10 studies/reviews per year.

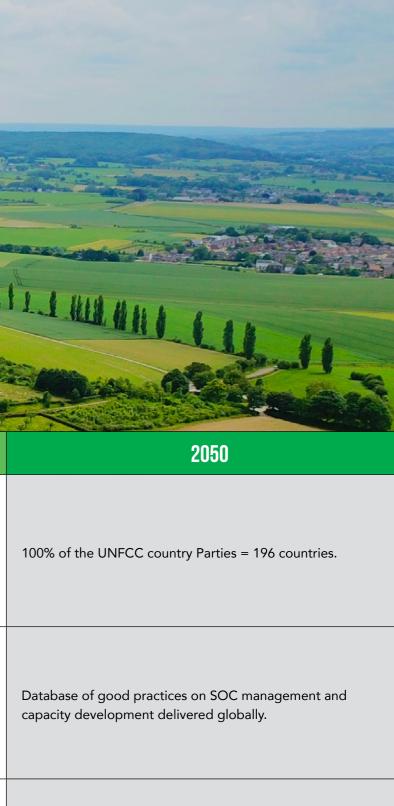
5 regional (online) meetings a year 5 periodical notes a year.

Global use of the «4 per 1000» «certified» compensation scheme by farmers and foresters.

A scientific reference framework updated and used.

# **B - IMPLEMENTATION**

-	OBJECTIVE	BASELINE 2020	2030	
B1	Encourage the development and implementation of national and/or supranational strategies (including incentive and regulatory mechanisms) and responsible investment plans for soil health derived from the NDCs' targets.	Inventory of strategies and investments plans existing as of 2020.	50% of the UNFCCC country Parties = 98 countries.	
B2	Facilitate access to information and capacity development for land managers, in particular women, on how to improve soil health and increase SOC content for all agro-pedo-climatic regions.	Database of good practices on SOC management and capacity development delivered to one region and its sub-regions, as of 2021. Ex: Africa could be the 1st targeted area. Development of the basis of the database with some major partners.	Database of good practices on SOC management and capacity development delivered in 2 additional regions like Asia and South America. Reviews and assessments conducted every year.	
B3	<ul> <li>Develop and implement science-based regional helpdesks for:</li> <li>(a) The planning of local actions on good AFOLU management practices</li> <li>(b) The establishment and use of compensation schemes for carbon sequestration</li> <li>(c) Provision of ecosystem services at appropriate levels (principle of subsidiarity)</li> </ul>	Help-desk active in one region as of 2021.	Help-desk active in 5 regions.	
B4	Develop a user-friendly online toolkit (including verified assessment and monitoring tools) on soil health and soil organic carbon.	Collection of existing tools and experts. Compile and launch an online tool-box that will be improved continuously.	Actors in 40 countries use 20% of the tools of the box.	



Help-desk active globally with more countries and subregions involved.

Actors in all countries use 40% of the tools of the box.

# **C - PROMOTION**

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	OBJECTIVE	BASELINE 2020	2030	
C1	Advocate for soil health and the importance of soils for climate and food security and raise the general awareness on the central role of the «4 per 1000» Initiative.	In 2020, no measurement of the assisted-awareness of the «4 per 1000» brand is available. Measurement to be conducted.	100% of assisted awareness-notoriety for the «4 per 1000» brand.	100% 1000›
C2	Promote the paradigm shift from «soil exploitation» to «soil regeneration» through agroecology and sustainable land management practices at the level of producers and businesses along value chains.	Globally, contact 10% to 15% of farmer associations / federations per region. Contact the Top 20 global Food businesses involved in Ag. and or Forestry.	Contact 100% of farmer associations per region. Contact the Top 50 global Food businesses involved in Ag. and or Forestry. Contact the Top 20 regionally.	Reach farms Conta and o
C3	Convince policy makers and funders to increase commitments and investments in AFOLU in favor of soil health and carbon sequestration.	The Top 20* institutions contacted end of 2020. * Refering to the 2018 study about potential funders	In 2030, the Top 80 institutions have been reached.	In 205 conta
<b>C4</b>	Develop and implement «4 per 1000» branding mechanisms (seals, certification, awards, etc), as a benchmark for soil health and SOC build-up.	Study on interests and conditions to develop «4 per 1000» branding mechanisms. Decision upon the branding mechanisms to select to improve the «4 per 1000' branding (target / audience / tools & purpose to be further defined). Put the tools to be developed, on a timeline.	«4 per 1000» branding mechanisms fully operational.	«4 pe fully c



2050

0% of spontaneous awareness-notoriety for the «4 per 00» brand.

ach regionally, 100% of smallholder farmers and family-held ms.

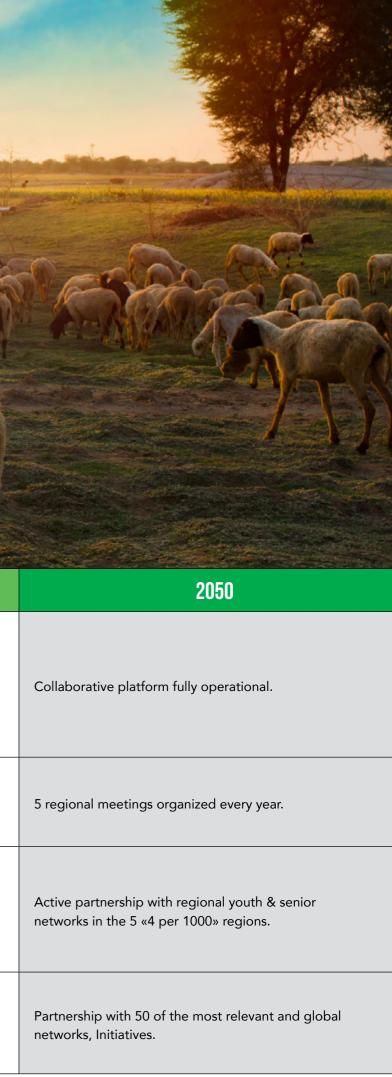
ontact the Top 100 global Food businesses involved in Ag. l or Forestry.

2050, every single policy maker or funder have been ntacted.

per 1000» branding mechanisms assessed, updated and y operational.

## **D - COLLABORATION**

	OBJECTIVE	BASELINE 2020	2030
D1	Facilitate, encourage, enhance and strengthen collaborations and exchanges among stakeholders within and around the Initiative.	Collaborative platform 2.0 fully operational for the Secretariat, the STC and the Bureau. End of 2021/22, platform fully operational for all members and partners.	Collaborative platform 2.0 fully operational for all members and partners of the «4 per 1000» Initiative.
D2	Contribute to the inception, development and outreach of regional networks.	1 to 2 «4 per 1000» regional meetings organized every year	5 regional meetings organized every year or every two years.
D3	Mobilize youth & senior networks on agriculture and forestry that support producers and local action groups in their transition to agro-ecology, including sustainable land management practices.	Define the most active youth & senior networks in each of the 5 regions. Contact the most active ones, globally.	Active partnership with regional youth & senior networks in the 5 «4 per 1000» regions.
D4	Develop strategic partnerships and coalitions with relevant global networks and Initiatives.	Refer to the 2018 study about potential funders. Reach 20% of the most relevant global networks, Initiatives.	Sign a partnership with 10 to 20 of them.



## E - FOLLOW UP

	OBJECTIVE	BASELINE 2020	2030	
E1	Screen and evaluate monitoring tools (remote sensing, database, sensors, etc) and methodologies that estimate state and change of soil organic carbon content at various scales.	Identification of the 5 major players.	Complete overview of the 20 major players and their methods of screen monitoring tools.	«4 բ mor
E2	Monitor independently, and in near real time, SOC and soil health at the global, regional and national levels.	Identification of the 5 major players. Inception of the real-time SOC monitoring dashboard.	Real-time SOC monitoring dashboard operational.	Rea and
E3	Contribute to the improvement of impact assessment tools (EX-ACT (Ex-Ante Carbon- balance Tool); CBP (Carbon Benefits Project) tool, etc) in line with the ambition of the «4 per 1000» Initiative, including socio-economic dimensions.	Contact and explore possible collaboration with the developers of existing tools.	Collaboration with 2 developers of the impact assessment tools.	Coll

## F - CROSSCUTTING ACTIONS

	OBJECTIVE	BASELINE 2020	2030	
F1	Launch a pilot project based on «Twin-Regions» concept for large scale climate actions.	Launch a twin pilot project that verifies the relevance of the «Twin-Regions» concept for large scale climate actions in 24 municipalities in 3 distinct regions in Europe (Germany, France and Spain) and Africa (DRC, Benin, Mali).	Adoption of twin-regions concept in municipalities of 20 countries.	Adc cou
F2	Enhance Resource Mobilization to ensure the long term viability of the Initiative.	Total annual budget 2020: 961 K Euros (including core budget of 721 K Euros).	Manage a 2 to 5 million Euros budget.	Mar
F3	Provide a «4 per 1000» dashboard delivering near real time quantitative information on progress of the Initiative, taking into account partners and members and their actions.	Develop Key Performance Indicators (KPIs) as a baseline.	By the end of 2021 the dashbord will be operational and regularly updated. In 2025 the dashboard will be recognized as an international standard.	Das refe

### 2050

4 per 1000» catalog about all the methods of screen nonitoring tools.

eal-time SOC monitoring dashboard adopted at regional nd sub-regional scales.

Collaboration with 4 developers of impact assessment tools.

### 2050

doption of twin-regions concept in municipalities in all ountries.

lanage a 10 to 20 million Euros budget.

ashboard is generally and internationally used as a efference by the community of practitioners.

(Validated by Consortium of Members of the "4 per 1000" Initiative - 15th June 2020)



### THE « 4 PER 1000 » INITIATIVE: soils for food security and climate

The International « 4 per 1000 » Initiative, launched on December 1st, 2015 at COP 21, is part of the Global Agenda for Action

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The International « 4 per 1000 » Initiative, is a partner of the Global Soil Partnership (hosted by FAO)

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The International «4 per 1000» Initiative, is a partner of the United Nations Decade for the Restoration of Ecosystems 2021-2030



#### **EXECUTIVE SECRETARIAT**

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