



## Editorial

Dear Partners and Members,

Man has a certain propensity to create the conditions for disasters that affect him, whether voluntarily or involuntarily. No sooner had we seen the end of the Covid-19 pandemic than, despite an already extremely worrying global context (climate change, erosion of biodiversity, and desertification) regarding food security and even the life of humanity on the planet, man unleashed a conflict from another time that risks causing one of the worst humanitarian crises ever known. Beyond the lessons we are learning from our dependence on world trade and the food production of certain countries, this crisis is undermining the need for international solidarity and bringing back reflexes of withdrawal. May we take advantage of this to react and act in favour of the regeneration of soil health, which is the only way to provide serious answers to the search for food sovereignty, at least on a regional level.



In this context, it is reassuring to see that the global movement to save soil is growing at an unprecedented rate. Beyond the 3.9 billion people reached by the Conscious Planet 'Save Soil' campaign under the leadership of Sadhguru<sup>[1]</sup>, our Initiative does its part. With 721 Partners including 321 Members in June 2022, we have built on the reference to the "4 per 1000" Initiative in [the declaration of the 68 Ministers of Agriculture at the conclusion of the GFFA in January 2022 in Berlin](#), as well as in [the open letter of the 26 World Food Prize winners to the G7 countries](#). Thus, we wrote to the Ministers of Agriculture with arguments for a stronger defence of soil health as a starting point for action in the three UN Conventions that emerged from the Rio Summit in 1992. The events in which the Initiative participated at the UNCCD COP 15 in Abidjan are a recent representation of this.

With the 2050 Strategic Plan, and its Implementation Plan currently being validated, we know what the Initiative, its partners, members and friends need to do to continue, expand and strengthen our action and impact for soil health. More than ever we need your involvement at all levels to implement the 148 actions of the Implementation Plan, through the creation of partnerships, coalitions, and alliances to act and finance this action. You are the actors of the huge change we need.

To inspire you, we have brought together in a book the elements of the necessary change towards soil health, which is the goal, the tool being agroecology and the actors, the farmers and foresters. Do not hesitate to promote the reading of this book available in French, and very soon in English and Spanish.

Also to inspire action, we have prepared a special wine-growing booklet with our friends from the OIV<sup>[2]</sup>, whom I would like to thank warmly, especially Pau ROCCA, Alejandro FUENTES and Anne REUTIN<sup>[3]</sup>. Please circulate the link to this special report on your websites and social networks. We are preparing other special reports (biochar, etc...) and if you wish to participate or if you have ideas, please share them with our team (by clicking [here](#)).

To improve the visibility of the international "4 per 1000" Initiative on the internet, we would be grateful if you could add the address <https://4p1000.org/> on your respective websites.

Earlier this year, Dr Lini WOLLENBERG and Professor Saïdou Nour SALL left the Scientific and Technical Committee (STC) of the "4 per 1000" Initiative. The Executive Secretariat thanks them warmly for their tremendous work in the STC, and warmly welcomes two new experts, nominated by electronic consultation by the Consortium of Members, Dr Deborah BOSSIO, a renowned American scientist, currently working at the NGO The Nature Conservancy, and Dr Adesola OLALEYE, a Canadian-Nigerian scientist, from the University of Eswatini (Swaziland).

As I say in the newsletters, we need your support in human and financial resources. [Béatrice BRETON-ASKAR](#) is at your disposal to study all the practical details of a possible support. All support is welcome because there is no such thing as small support. The sale of the book is part of it because the royalties go entirely to the "4 per 1000" Initiative.

Take care of yourself, your loved ones and your soils for our children.

**Dr. Paul LUU**

Executive Secretary of the international "4 per 1000" Initiative

<sup>[1]</sup> A MoU was signed with 4p1000, on last 8 April

<sup>[2]</sup> A MoU was signed with 4p1000, on last 6 April

<sup>[3]</sup> Pau Rocca, Director general of OIV ; Alejandro Fuentes Espinoza, Viticulture Unit Manager at OIV and Member of the Scientific and Technical Committee of the international "4 per 1000" Initiative, and Anne Reutin, Environment & Viticulture Project Officer at OIV.



Dr. Deborah BOSSIO



Dr. Adesola OLALEYE

**Two new experts have joined the Scientific and Technical Committee of the international "4 per 1000" Initiative**

Since the meeting of the Scientific and Technical Committee (STC) of the international "4 per 1000" Initiative held in Glasgow in November 2021 on the sidelines of the COP 26 of the UNFCCC, two members left the STC, Dr. Lini WOLLENBERG and Professor Saïdou Nourou SALL. The Executive Secretariat thanks them warmly for their great work within the STC.

A call for applications was launched, the Consortium of Members then appointed, by electronic consultation, two new experts to the Scientific and Technical Committee of the "4 per 1000" Initiative:

- **Dr. Deborah BOSSIO, renowned American scientist, currently working at The Nature Conservancy NGO, and**
- **Dr Adesola OLALEYE, Canadian-Nigerian scientist, University of Swaziland.**

To learn more about CST click [here](#).

To read the biography of the 14 STC experts, click [here](#).



**In the scientific field, the 13th meeting of the Scientific and Technical Committee (STC) of the "4 per 1000" Initiative was organized in Montpellier (France) on June 6 and 7, 2022.**

Lini Wollenberg and Saidou Nourou Sall have resigned as members of the STC. The new members, Deborah Bossio and Adesola Olaleye, were welcomed.

The meeting took place in seven sessions.

- Session 1 was about scientific papers. In 2022, a special issue will be published in the international journal "Regional Environmental Change" (Springer Nature, impact factor 3.1) with the title "Sustainable management practices to increase carbon sequestration in the soil: what are their contributions to the mitigation of climate change, adaptation and food security in different ecosystems and regions of the world". The special issue will be divided into five sections from different regions of the world (America, Asia, Europe, Africa and Oceania).
- Session 2 dealt with the formative assessment of projects. The fourth call for formative evaluation of projects by the Scientific and Technical Committee (STC) of the international "4 per 1000" Initiative was launched on April 1, 2022 and closed on July 1, 2022. Projects will be evaluated by the STC during the months of July and August and the Executive Secretariat will send the report to the project leaders during the month of September.
- During Session 3 the involvement of the Initiative in different high-level actions such as ORCASA, EJP Soil, EU Mission "A Soil Deal for Europe", GSP, VERRA, ...) was discussed.
- During Session 4, the "4 per 1000" Implementation Plan was debated.
- Session 5 was on the governance of the Initiative.
- Session 6 treated of the outreach. Important events have been taken place since the last STC meeting such as EU Green week - virtual Fair, the participation of the Initiative to the «Conscious Planet» Save Soil Movement. The Initiative and the International Organisation of Vine and Wine has signed a Memorandum of Understanding. The collaborative platform and the new website were explained to the STC by the Executive Secretariat.
- In the last session the objectives proposed in last meetings were revised and the the action plan for the STC for the next period was discussed. Finally, the 6th Day of the Initiative "4 per 1000" in the framework of the UNFCCC COP 27 and the 14th STC meeting in Sharm El Cheick (Egypt) in November 2022 were planned.



## Activities of the “4 per 1000“ at UNCCD COP15 in Abidjan (May 9-20, 2022)

With the aim of promoting sustainable land management as the common denominator of the three Rio Conventions and to increase the recognition of the Initiative amongst stakeholders in the area of sustainable land management outside the climate community, the “4 per 1000” Initiative engaged in the events around the negotiations during UNCCD COP15 in Abidjan.

During three panel discussions, organized by CIFOR/ICRAF, the CA4SH Coalition and Regeneration International, we could share the vision and the finalized implementation strategy of the Initiative with various stakeholders.

During the side event, which was jointly organized under the “4 per 1000” Initiative/GIZ Soil-Climate community of practice in cooperation with the ELD Initiative, the focus was set on the harmonization of the target systems of the three Rio Conventions. Representatives of the three Conventions, the WWF, the President’s office in Rwanda and the University of Bonn pointed to the central role of harmonized target systems to enable the efficient implementation of the conventions regarding economic, administrative and monitoring efforts, the identification of regional priority areas and the mobilisation of funding. It was stressed that while the process has been started at the UN Convention’s Secretariat’s level, the final implementation relies on the engagement of the country parties. The topic will be explored further during future events, e.g. during UNFCCC COP27.

The full documentation as well as the recording of the event can be found [here](#).



### ‘Healthy Soil for a Healthy Planet: Building resilient food systems for increased food and nutrition security (Restoration)’

This UNCCD COP15 side event was held on May 12, 2022 and was organized by WWF, CGIAR, FAO, ICRAF-CIFOR, TMG, UNEP, IICA, CFS.

Healthy soil is the very foundation of our food system. Over 90 per cent of our food production depends on soil. Soil is also one of the Earth’s most important carbon sinks. Yet, it is estimated that over a third of the Earth’s surface is degraded, limiting the ability of the soil to deliver these vital ecosystem services and functions. To stop this trend, individuals, countries and companies alike must unite in their efforts to bring life back to degraded soils. One of the most efficient and cost-effective solutions to ensure food and nutrition security, address climate change and biodiversity loss is to restore degraded soils by building healthy soil ecosystems.

In recognition of this, the Coalition of Action for Soil Health (CA4SH) established during UN Food Systems summit, brought together actors to mobilise investment and strengthen the enabling environment to scale soil health, which will ultimately support the achievement of the Paris Agreement, the Agenda 2030 and the UNCCD Land Degradation Neutrality targets simultaneously. By transforming our food systems from the soil up, and expanding the use of approaches such as conservation and regenerative agriculture, agroforestry and other integrated systems, we can rebuild healthy and resilient food systems, restore degraded soils, help ensure clean water, conserve biodiversity, and support livelihoods.

The session showcased the prominent role of healthy soil in contributing to the goals of the three Rio Conventions, and in particular, the Land Degradation Neutrality targets. Speakers shared their experiences of how they are working to reverse land degradation and restore soil health. Claudia Schepp, member of the Executive Secretariat of the international “4 per 1000” Initiative and of the German Federal Office for Agriculture and Food (BLE) intervened as a speaker.

For more information, click [here](#). To see the event click [here](#) (starting at 2:20:00).



On 13th of May 2022, “4 per 1000” partner Regeneration International (RI) sent a small delegation to the 15th Convention of Parties of the United Nations Convention to Combat Desertification (UNCCD COP15) to [present Agave Agroforestry systems](#) and the work of its sister organization and “4 per 1000” member, [Vía Organica in San Miguel Allende in Mexico](#) which received pledges to implement a scalable land regeneration project on a Great Green Wall program.

“We are very excited about this outcome. It can influence the whole Sahel region where agave has already been growing for centuries and provide ongoing support to farmer-led, assisted natural regeneration projects by helping dryland herders relieve livestock suffering from drought, famine, and lethal temperatures, rehydrate landscapes, and re-carbonize soils”, said Precious Phiri and Oliver Gardiner of the RI delegation.

During the event, there were interventions from Dr. Paul Luu, the Executive Secretary, and Claudia Schepp of the international “4 per 1000” Initiative. Where they highlighted the importance of Regeneration International’s work and raised the vital need for Both RI and the “4 per 1000” to gain access to funding for scaling up regenerative agriculture globally through partners such as [Vía Organica](#) and the municipality of San Miguel Allende which have both made pledges to implement “4 per 1000” targets as partners of the Initiative – a commendable alliance between small-hold farmers and local authorities.

To view the event, click [here](#). To watch the summary of the event, click [here](#).

To see their booth on the Initiative’s Virtual Fair, it’s [here](#).



### "Healthy Soils for a Healthy Planet"

The virtual fair of the international "4 per 1000" Initiative is in full swing.

There have been 104 booths already been created and more and more are still being build. The exchange among the Partners is really taking off.

All dates and events will always be displayed at the main page ([here](#)). So it is best to look at it regularly!



**“Pour une Agriculture du Vivant” (Living Agriculture) Movement, the “Agence Bio” (Organic Agency) and the international “4 per 1000” Initiative are joining forces to initiate and implement a new agricultural and food model.**

This collaboration took concrete form with the organisation of the "Agroecology Challenges" on 12 and 13 April, bringing together on the UniLaSalle Campus in Beauvais nearly 200 actors representing the French agri-agricultural ecosystem to co-construct and accelerate a desirable agroecological transition for all actors, all sectors, all territories, and for civil society as a whole.

**What are the "Agroecological Challenges"?** The necessity and urgency of a profound overhaul of the food production, processing and distribution system in France. Today, the pioneers in agroecology have demonstrated the feasibility of this approach, while the latest IPCC report has once again reminded us of the interest of agroecology in facing the climate challenge.

To build the conditions for the emergence of a new national agricultural and food model, and to accompany the agroecological transition of all French agriculture, the Agroecology Challenges have set out to ensure the convergence of these dynamics in a federative and open approach. For the first time, farmers, researchers, cooperatives/negatives, industry players, institutions, local authorities, technical and financial partners were brought together around an open and forward-looking approach .

To find the complete press kit and the report (only in French) on the work carried out during the "Agroecology Challenges", please click [here](#).



**The 2nd edition of Neutrality, the National Conference on the Contribution to Carbon Neutrality, was held on June 2 in Paris.**

Organized by the Orygeen Institute and Everwood, and placed **under the High Patronage of the French Ministries of Agriculture and Food and of the Ecological and Solidarity Transition**, the conference brought together **33 speakers**, all **actors of the forest/wood and agricultural sectors** and **companies already committed**, and **more than 300 participants** who came to attend the conference in person or digitally.

The **Neutrality Conference** aimed to enlighten companies that wish to complement their decarbonization efforts with initiatives to contribute to carbon neutrality. **Feedback from those who are already doing so was shared**, in particular from the French agricultural and forestry sectors, which can contribute their expertise.

The international "4 per 1000" Initiative was a partner of this event.

To learn more and watch the replay of the presentations click [here](#).

**Support the International 4 per 1000 Initiative!**



**Support the "4 per 1000" Initiative by ordering the book 'Farmers have the Earth in their hands', directly on the Editions La Butineuse website by clicking [here](#).**

The ambition of this concise book, written for the general public, is to provide a simple and non-judgmental overview of today's agriculture and the solutions that will ensure the future of humanity on planet Earth. Starting from its scientific foundations and the history of its "r-evolutions", this book attempts to shed light on the issues at stake without sidestepping the disturbing questions. Agriculture is part of the solution to climate change, but too many people still ignore it.

**The English version of this book is scheduled for the end of July, and the Spanish version for the end of August.**

**All royalties from this book will be donated to the international "4 per 1000" Initiative.**

To support and donate to the "4 per 1000" Initiative, please contact Ms. Béatrice Breton-Askar, our Resource Mobilization Senior Officer: [beatrice.breton-askar@4p1000.org](mailto:beatrice.breton-askar@4p1000.org)

To view the presentation file, click [here](#). We thank you in advance for your support.





## Governments and local authorities They act!

**The Finnish Ministry of Agriculture and Forestry is providing €7.3 million in funding for 19 new 'Catch the Carbon' development projects that promote climate work in the land use sector.**

The new 'Catch the Carbon' projects will develop and pilot regional and local climate work, carbon markets and offsetting schemes in agriculture, forestry and other land use, and strengthen the knowledge base for greenhouse gas inventories.

The projects will supplement the 'Catch the Carbon' package of climate measures launched in 2020 as part of the additional measures for the land use sector under the Government Programme. The aim is to achieve an annual climate impact of at least three million tonnes of carbon dioxide equivalent by 2035. With the new funding decisions, the number of Catch the Carbon projects will rise to more than one hundred. To learn more please click [here](#).

**The NSW Government in Australia has unveiled a record \$28 million Farm Forestry package as part of the 2022/23 State Budget to bolster on-the-ground support for producers, drive innovation and promote best practice in sustainable farm forestry businesses.**

To learn more, please click [here](#).

Australia is a Partner of the international "4 per 1000" Initiative.

**Government of Canada supports farmers in reducing greenhouse gas emissions with over \$15.2 million in clean technology.**

To learn more, please click [here](#).

**Government of Canada has taken concrete actions to fight climate change in the agriculture sector.** To learn more, please click [here](#).



### The "4 per 1000" Initiative in a figure...

**721 Partners including 321 Members!** (Mai 2022)

All countries or organizations that wish join the Initiative (see [here](#) how to join) send their application to the Executive Secretary who controls the completeness.

If the application is complete, the Executive Secretary submits the list of new partners and members to be approved to the Consortium of Members or to the Bureau (depending on the time of year), at the beginning of each meeting.

After this formal approval, the new partners and members are included in the official list.

[Listing of the Consortium of Members and Forum of Partners of the Initiative](#)



## International organisations They act!

CCAFS, CGIAR research program on Climate Change, Agriculture and Food Security, published an analysis "[Ambition for Soil Organic Carbon Sequestration in the new and updated Nationally Determined Contributions 2020-2021: Analysis of Agricultural Sub-sectors in National Climate Change Strategies](#)".

This paper builds on the "[Countries' commitments to soil organic carbon in Nationally Determined Contributions](#)" analysis by Liesl Wiese and her co-authors, including members of the Scientific and Technical Committee of the "4 per 1000" Initiative.

Some key messages:

- 35 countries referred to SOC in the latest NDCs, including 22 in mitigation and 16 in adaptation contributions. This represents 21 more countries compared to the previous round of NDCs based on Wiese et al. (2021).
- 50-60% of the countries with the highest potential for reducing GHG emissions in soil carbon included mitigation measures in these subsectors in their NDCs.
- Mitigation priorities for soil carbon included wetland management (24% of 148 countries), agroforestry (23%) and grassland management (14%). Adaptation priorities similarly included wetland management (36%), agroforestry (22%) and grassland management (15%).

Data reflect analysis of NDCs available by 1 November 2021.

CCAFS, the CGIAR research program on Climate Change, Agriculture and Food Security, has also published an infobrief on livestock analysis in NDCs, titled "[Agriculture mitigation in the Nationally Determined Contributions: 2020-2021/22](#)".

**The Forest and Farm Facility provides direct financial support and technical assistance to strengthen forest and farm producer organizations** representing smallholders, rural women's groups, local communities and indigenous peoples' institutions. Collectively, forest and farm producers have the potential to achieve the Sustainable Development Goals and to respond to climate change at landscape scales. A partnership between FAO, IIED, IUCN and Agricord, the Forest and Farm Facility is funded by Finland, Germany, Norway through the Flexible Multi-Partner Mechanism of FAO, Sweden, the Netherlands, the United States of America, and IKEA. To learn more, click [here](#).

**The Global Soil Partnership (FAO) launched the Global map of black soils in May.**

A crucial data product, developed through a country-driven approach, which relies on an extensive on-the-job training programme spread over the years 2020-2021 Black soils are fundamental for food security globally and have a high potential for carbon sequestration, thus are key in the fight against climate change! Explore the map [here](#). Read the brochure [here](#). Read the press release [here](#).

To see their stand on the Initiative's Virtual Fair, it's [here](#).

**The Food and Agriculture Organization (FAO) has published "Recarbonizing global soils", a 6 volume manual that presents different sustainable soil management (SSM) practices that have a positive effect on soil organic carbon stocks worldwide**

This manual has been developed through the participatory work of more than 400 soil management experts from around the world. The document has been peer-reviewed by an Editorial Board composed of members from FAO, ITPS, UNCCD-SPI, the Scientific and Technical Committee of the international "4 per 1000" Initiative and the CIRCASA project. Check it out [here](#).

**Forests and trees can help us recover from multiple crises, new FAO report says.**

State of the World's Forests Report 2022 details three pathways we must follow to unlock forests' potential: **Halting deforestation and maintaining forests; Restoring degraded lands and expanding agroforestry; and sustainably using forests and building green value chains.** To learn more, please click [here](#).

**'Global Carbon Sequestration Potential of Agroforestry and Increased Tree Cover on Agricultural Land'**

Increased use of trees in agriculture can lead the way towards a transformation of the global food system, according to a new study released in May revealing that even small incremental increases in global tree cover on agricultural land could provide short-term respite to carbon accumulation in the atmosphere, benefiting the livelihoods of smallholder farmers, biodiversity, ecosystems, and ecosystem services.

Building on multi-year work to quantify the extent, geographic distribution, and carbon mitigation potential of agroforestry, the study entitled 'Global Carbon Sequestration Potential of Agroforestry and Increased Tree Cover on Agricultural Land'- led by scientists from the Centre for Mountain Futures of the Kunming Institute for Botany (Chinese Academy of Science), the Centre for International Forestry Research-World Agroforestry (CIFOR-ICRAF), The Nature Conservancy (TNC), and the Euro-Mediterranean Centre of Climate Change (CMCC) - is a clarion call to policymakers and institutions to promote the widespread implementation of agroforestry practices to mitigate the effects of climate change while bolstering ecosystems, restoring degraded land and enhancing food security.

To learn more, please click [here](#).

To see The Nature Conservancy's booth at the Initiative's Virtual Fair, it's [here](#).

ICRAF and The Nature Conservancy are Members of the international "4 per 1000" Initiative.

## Save the date!

### 'Engaging the development of a sustainable agriculture, guarantor of the unique health' - 10 sessions from January to December 2022

The central objective of the planet A Institute® Cycle is to create with high-level experts from the public and private sectors a rethought culture of the role of Agriculture in addressing the societal, climate and geopolitical challenges we face.

For more information on Cycle 2022, click [here](#) (in French).

### 1st Global Meeting on Zero Tillage - July 5 to 8, 2022 - Foz do Iguaçu - Parana - Brazil

This great event, promoted every two years by the Brazilian Federation of the No-Tillage System - [FEBRAPDP](#), will celebrate in 2022 the 50th anniversary of the No-Tillage System (SPD) in Latin America and the 30th anniversary of the FEBRAPDP. The main theme is the no-till system preserving the soil, life and future generations. Information [here](#).

### 5th World Congress on Agroforestry: Transitioning to a Viable World - On July 17-20, 2022, in Québec City, Canada.

Agroforestry is an essential component of the needed ecological, energetic, social and economic transition. This critical transition can and must be achieved through a participatory collaboration process that helps building bridges between research, policy decisions and field work. To learn more, click [here](#).

### The 8th Asian Local Governments for Organic Agriculture (ALGOA) Summit - July 18th-19th, 2022 physically - Goesan County, South Korea.

Information and registration [here](#).

### Global Symposium on soils for nutrition - 26-29 July 2022 - 13:00 - 16:00 CEST - Online

The Global Symposium on Soils for Nutrition "Soils, where food begins" (GSOIL4N) will be held in a virtual format from 26 to 29 July 2022. The Symposium will bring science and policy together to review the status and challenges of soil fertility in relation with crop, animal and human nutrition.

The Symposium is expected to identify critical knowledge gaps and provide the basis for discussion on solutions that can provide more nutritious agri-food systems for enhanced human health and wellbeing while protecting the environment. To learn more click [here](#).



## Public funding bodies They act!

### Living Adaptation: Indian farmers turning garbage into gold

For the last 20 years the soils in Maharashtra, India have degenerated due to stress caused by climate change and the excessive use of chemical fertilizers. This development threatens the livelihoods of small farmers in Maharashtra's rural areas. At the same time, municipal areas struggle with the amount of urban waste produced by a constantly growing population. **On behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ), the [GIZ Global Programme "Soil protection and rehabilitation for food security"](#), supports climate change adaptation measures together with the Indian government.** Turning waste into organic urban compost is an innovative solution for both cities and farmers: Municipal waste is reused and the farmers harvest better crops and improved produce, while strengthening the resilience of farmland soils.

To watch the video click [here](#).

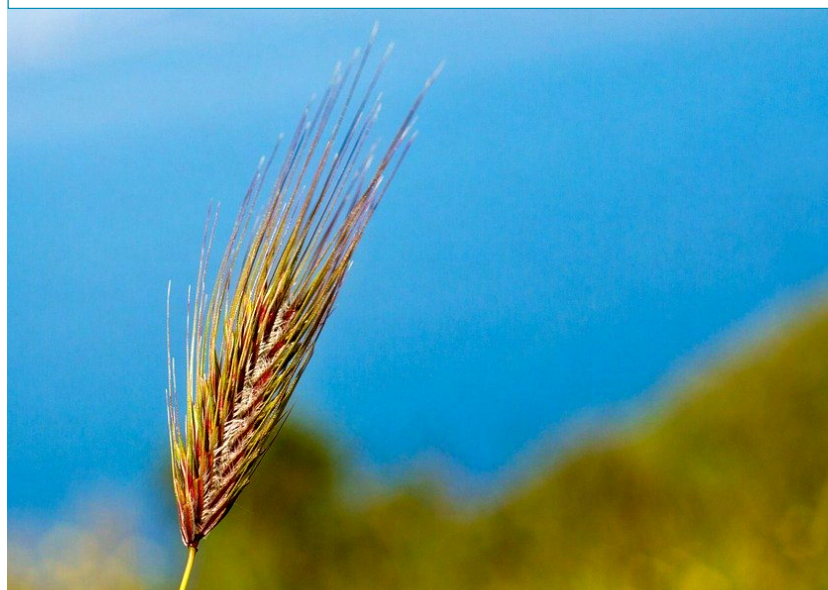


## Private funding bodies They act!

*"We want to show that the agroecological and food transition is possible. Our objective ? Move solutions forward faster than problems. When I see the wealth of initiatives, the bubbling creativity in the field: it gives confidence in the future!"* - Guilhem Soutou, Head of the Sustainable Food Axis - Daniel and Nina Carasso Foundation

The Daniel and Nina Carasso Foundation supports the audacious people of Sustainable Food who bring out more sustainable practices from seed to compost, to allow universal access to healthy food, respectful of people and ecosystems. To learn more, click [here](#).

**With farmers, communities, businesses & industries, reNature is making regenerative agroforestry mainstream.** By designing & implementing model farms and creating model schools, reNature tackles climate change and biodiversity loss while providing food and income for farmers & communities. ReNature develops many projects. To learn more, click [here](#).





## Save the date!

### 31st International Horticultural Congress - Aug 14-20, 2022 - Angers, France

Organised every four years since 1959 under the auspices of ISHS (International Society for Horticultural Science), the International Horticultural Congress (IHC) is the most important scientific event in the fields related to Horticulture. To learn more, please click [here](#).

### 'Halving nitrogen waste by 2030' - 24th-28th October 2022 - Madrid (Spain)

Agro-food systems are fuelled by nitrogen. About 80% of this valuable resource is lost to the environment before reaching our plates. We refer to this loss as nitrogen waste. The ambitious goal of halving nitrogen waste by 2030 requires important coordination of many actors: multidisciplinary scientists, farmers, industry, policy-makers, NGOs, and consumers. The XXI International N Workshop will contribute to this challenge by welcoming contributions dealing with different spatial scales (from the plot to global) and system scopes (crop, livestock, agroforestry, forestry, urban and agro-food systems). Information and registration [here](#).

### GGGWeek2022 - From October 24 to 28, 2022 - In-person and virtual - Seoul (Republic of Korea)

**World Green Growth Week 2022**  
Main themes: Public-Private Partnerships for Green & Climate Finance mobilization, Carbon Markets/Pricing development, adoption of Nature-based Solutions and Enhanced Adaptation Capacities. More information [here](#).

### The 43rd World Congress of Vine and Wine and the 20th General Assembly of the International Organisation of Vine and Wine (OIV) - From 31 October to 4 November 2022 - Ensenada, Baja California, Mexico

The 2022 Congress will focus on "Current challenges: Sustainability, Covid and Climate change". Find all the information such as registrations and topics [here](#).

### The United Nations Framework Convention on Climate Change (UNFCCC) COP 27 - 7 to 18 November 2022 - Sharm El-Sheikh (Egypt)

For more information, click [here](#).

### 6th Day of the international "4 per 1000" Initiative - November 16, 2022 - Sharm El-Sheikh (Egypt).

More information to come [here](#).



## Farmers and foresters organisations They act!

### Water management in Soil Conservation Agriculture (SCA)

The observation of the soil profiles in the ACS system shows clear changes compared to a tilled soil. These developments lead to a change in the water circulation both at the infiltration level and at depth. In addition, the increase in organic matter allows for more water storage and the surface mulch reduces evapotranspiration. All these elements show that water management in SCA must be reconsidered and that, for those who have irrigation, its management must also evolve. [This APAD 'Technical Moment'](#) provides an update to help you achieve better water management in SCA.

To see their booth on the Initiative's Virtual Fair, it's [here](#).

**Tomorrow the Earth ('Demain la Terre')** is a non-profit organization (regarding the French law of 1901) of fresh or processed fruit and vegetable producers, gathered around a common project of sustainable development. This organization was created in 2004 with the aim of bringing together companies that want to think, experiment and develop the agriculture of the future, a third way with organic and conventional farming. Tomorrow the Earth has just published its [2021 Sustainable Development Report](#).

To see their stands on the Initiative's Virtual Fair it's [here](#), [here](#) and [here](#).

Member of the international "4 per 1000" Initiative since September 2021, **the agricultural company Vicara is a small-to-medium sized italian winery that has been working its vineyards directly with sustainable techniques since 1992** and is now in conversion to organic. To learn more, please click [here](#).

The 'Organisme de Défense et de Gestion de l'AOC Ventoux' has a mission of general interest to preserve and promote the terroirs, traditions, know-how and products that come from them in Vaucluse (France). Aware of the climatic challenges and direct witnesses of the changes in the phenology of the vine already at work, the winegrowers of the AOC Ventoux and its Organisme de Défense et de Gestion (ODG) contribute to the preservation of the climate, in particular through the installation of plant cover between and under the rows of vines.

To learn more, click [here](#).



## Save the date!

**Interdrought VII, the 7th Congress on plant production in water-limited environment - November 28th to Friday, December 2nd 2022 - King Fahd Hotel, Dakar, Senegal**  
This congress to be held for the first time in Africa. More information, please click [here](#).

**The United Nations Convention on Biological Diversity (UNCBD) - COP15 (2nd part) - 5 and 17 December 2022 - Montreal (Canada)**

The conference, which was originally scheduled to take place in October 2020 in China but has been delayed four times as a result of the Covid-19 pandemic, will take place between 5 and 17 December in Montreal, the home of its organising body, the UN Convention on Biological Diversity (CBD). For more information, click [here](#).

**ISRCocoa2022 | International Symposium on Cocoa Research - 5, 6 and 7 December 2022 - Montpellier, France**

This event is organized by the International Cocoa Organization - ICCO and CIRAD. For more information, click [here](#).

**"More carbon in the soils for multiple benefits" - 1st Northern Europe "4 per 1000" Regional Meeting - June 6-8, 2023 - Helsinki, Finland**

The topics will focus on 'Healthy soils, bringing together climate change and biodiversity loss, as well as water protection and food security', 'Monitoring, reporting, and verification (MRV) of the soil carbon exchange and storage' and 'Peat soils as a special case'. This event will be open to researchers, farmers, NGOs, company representatives, and policymakers. The North Europe Regional meeting will be open in priority to partners and members of the "4 per 1000" Initiative, but also to countries and organizations friends of the Initiative. The meeting is targeted to the following countries: Finland, Sweden, Norway, Denmark, Iceland, Estonia, Latvia, Lithuania, France, Belgium, Netherlands, Luxemburg, Germany, Austria, Czech Republic, Slovakia, Hungary, Romania, Poland, Ireland, United Kingdom, Switzerland, and Ukraine. More information [here](#).

More events [here](#).



## Research and training bodies They act!

**RITTMO Agroenvironnement® is a private research center specialized in the fields of fertilization, bio-inputs and agro-environment.** Based in France, RITTMO Agroenvironnement® was created in 2001 around an innovative idea at the time: intelligently recycling organic matter from waste to make useful fertilizers for plants and soils, in short, making a sustainable circular economy before the hour. To learn more, click [here](#) (in French).

RITTMO Agroenvironnement® is a Member of the international "4 per 1000" Initiative.

**Based in Spain, 'Red REMEDIA' is a national scientific network focused on climate change mitigation in the agroforestry sector.** It addresses the challenges of the agriculture, livestock and forestry sectors from an integrated perspective.

The overall objective of 'Red REMEDIA' is to foster synergies and complementarities between scientific groups working in the field of agroforestry from a multidisciplinary perspective, recognizing the importance of integrating the different sectors (agricultural, livestock and forestry) in their different dimensions (biophysical, socio-economic and political) in a balanced way.

For more information, click [here](#).

**FairCarboN, an exploratory Priority Research Programme and Infrastructure (PEPR) with sights set on carbon neutrality**

Jointly steered by the CNRS and the INRAE, the FairCarboN exploratory Priority Research Programme and Infrastructure (Programme et Équipement Prioritaire de Recherche, or PEPR)<sup>1</sup> aims to develop the role of continental ecosystems in climate change mitigation and the attainment of carbon neutrality. Inaugurated on 11 April 2022, this PEPR has a six-year budget of €40 million, financed through France's Programme d'Investissements d'Avenir 4 (PIA4) funding mechanism. It is issuing an [initial call for proposals](#) this month and will back five target projects, to foster greater dialogue between the disciplines, locations, and parties involved.

To learn more, please click [here](#).

**Resources, INRAE's new journal**

Focused on the major challenges of our society, the review Resources offers you three times a year to take the time for analysis and knowledge based on our research results.

On the program of this second issue (to be published on April 28, 2022), scientists anticipate the scarcity of water in agriculture (with a section on agroecology as a source of solutions), place the microbiota as an ally of our health and propose management solutions for forests in the face of increasingly intense and frequent hazards.

To read the Resources review, click [here](#) (in French).

## We are all concerned!

Every single one of us can take action to get things moving forward. Together we can make a difference. Our actions, individual or collective, can make things happen.

[Join the Initiative!](#)

The Executive Secretariat needs stronger means to implement its annual roadmap and organize statutory meetings in particular of the STC or regional meetings. If you wish to contribute to our common effort, please contact the Executive Secretariat: [secretariat@4p1000.org](mailto:secretariat@4p1000.org)



## Civil Society, associations, NGO They act!

### **Agrisud International has just published its 2021 activity report.**

In 2021, despite a still difficult context due to the Covid-19 pandemic, Agrisud continued its actions in the service of VSEs and agricultural value chains as well as the agro-ecological transition of the territories. 13,767 agricultural VSEs were supported to ensure food security for families, generate income and preserve natural resources.

To find out more, read our activity report, please click [here](#).

### **REX Agri, a platform for sharing experiences between farmers**

REX Agri is a free service aimed at farmers to facilitate the transition of the agricultural model through the sharing of experiences. This project was developed within the incubator of the French interministerial digital department. In 2021, the service was perpetuated within an association selected by the French Ministries of Ecological Transition and Agriculture: 'Pour une Agriculture du Vivant' (PADV).

This project is supported by the French Ministry of Agriculture and Food and the French Ministry of Ecological Transition as part of the Ecophyto plan.

To discover the trials and innovative practices implemented by French farmers near you, click [here](#).

**Roadmap to ESG leadership ((Environmental, social and governance criteria), developed by WBCSD in collaboration with TSC, provides analysis on the opportunities and challenges that shape leading ESG performance in the food and agriculture value chain.** It presents perspectives founded on insights shared by six companies operating in the food and agriculture sector. The report builds on WBCSD's work on ESG-related risk management, as well as the models and methodologies that form the basis of TSC's ESG-focused software solutions. To learn more, please click [here](#).

Access Agriculture is an innovative Belgian non-profit organization with passionate people. Member of the international "4 per 1000" Initiative, **Access Agriculture promotes agroecological principles and rural entrepreneurship through capacity development and South-South exchange of quality farmer-to-farmer training videos in international and local languages.** Access Agriculture enables knowledge development at scale through innovative methods, online platforms, ICT tools and public-private partnership models to support last mile delivery of quality farmer-to-farmer training videos, and produced locally. To learn more, click [here](#).

To visit their booth at the Initiative's virtual fair, click [here](#).

Member of the international "4 per 1000" Initiative, **Action for Cooperative Development at the Base (ADCB) is a Togolese association that works to improve the quality of life of the population in the framework of sustainable development.**

To this end, all its activities revolve around the following objectives:

- Fight against poverty in rural areas for a sustainable development
- Participate in all instances of reflection on development problems
- Contribute to strengthening the capacities of organizations and self-management of FOs (Farmer Organisations)
- Work for the protection of the environment.

**ADCB is present at the 4p1000 Initiative Virtual Fair with a booth entitled "Restoration of the forest landscape".**

To visit their booth, click [here](#).

**With a team of experts, Orissa State Volunteers and Social Workers Association in India (OSVSWA) has been implementing agricultural livelihood projects** like crop diversification, seed system development, promotion of pulses and millets, climate smart agriculture, establishment of Agri-Horti based Farmer Producer Organizations, promotion of spineless cactus as fodder and winter fallow etc to address the poverty and hunger as well as provide better nutrition to the poor people of the state and country.

Based in India, Orissa State Volunteers and Social Workers Association (OSVSWA) joined the international "4 per 1000" Initiative in May 2022. To learn more, click [here](#).

The Executive Secretariat is still looking for a secondment related to a Communication officer and webmaster. If your institution or organization wishes to provide such a secondment, please contact Dr. Paul LUU: [paul.luu@4p1000.org](mailto:paul.luu@4p1000.org)



## Private companies - They act!

### The preservation of living soils is a fundamental commitment of Moët Hennessy in its sustainability approach.

Soils, as a complex ecosystem, are one of the earth's most precious natural resources. Regenerating soils is key to mitigating and adapting to climate change and fighting the loss of biodiversity. Above all, it ensures sustainability and resilience for the entire Wine and Spirits industry. Today, throughout viticulture and agriculture, solutions and innovations exist everywhere to manage terroirs in a more sustainable way. It is our role to accelerate this transition by sharing best practices and knowledge.

**Organized by Moët Hennessy, under the patronage of the Global Soil Partnership, the OIV and the international "4 per 1000" Initiative, the 1st WORLD LIVING SOILS FORUM "Mobilizing and acting for living soils"** was held on June 1 and 2, 2022 in Arles-en-Provence (France). The forum brought together researchers, experts, public institutions, journalists, trade associations and companies from the Food & Beverage industry for two days of conferences, round tables, masterclasses, and workshops.

[More than 100 speakers](#) shared their experiences and knowledge during the 1st WORLD LIVING SOILS FORUM.

Moët Hennessy is a Partner of the international "4 per 1000" Initiative. To see or review the different interventions, click [here](#).

### Climate Agriculture Alliance - launch of the association

Several pioneers in the field of carbon valuation in agriculture have come together to support the decarbonisation of agriculture, a key sector in the fight against climate change, and in particular to encourage the adoption of agro-ecology, by associating carbon finance mechanisms. The founding members of the association are the 8 companies Farmleap, [Gaïago](#), Terraterre, [Soil Capital](#), Carbon Farmers, Riza ag, [MyEasyFarm](#) and [Genesis](#). To learn more, click [here](#).

Gaïago, Soil Capital, MyEasyFarm and Genesis are Partners of the international "4 per 1000" Initiative.

**"We have chosen sustainable viticulture, for our crops and for our people."** Franck Bijon, General Manager of **Vignobles de la Rose SA**. The Vignobles de la Rose SA team cultivates vines on a total of 260 hectares of vineyards, divided into three properties in the Haut Médoc and Saint Estèphe appellations (Bordelais - France). To learn more, please click [here](#).

**Regenerative Shift**, a partner in the international "4 per 1000" Initiative, and **Raymond James Stadium in Tampa, Florida (USA)**, partnered to plant an **1,100ft living fence of bamboo and native plants** to stop curb jumping in the stadium parking lots with a solution that creates more life and sequesters carbon. The Golden Goddess bamboo will draw carbon from the atmosphere and the Shiny Wild Coffee will provide habitat for insects and birds, all while costing less money than an aluminum fence!

To learn more, click [here](#).

### Delivering soil testing and agronomic advice to smallholder farmers

**Based in Kenya, Crop Nutrition Laboratory Services Ltd ([Cropnuts](#)) is East Africa's leading agricultural testing laboratory & agronomy advisory services company.** Leaders in soil fertility, water quality, food safety, pesticide residues, fertilizer quality, animal feed, plant disease & nematode laboratory analysis, Cropnuts offers farm advisory services with advanced tools such as satellite imagery for precision farming, GIS applications for soil mapping & land suitability surveys.

To visit their booth at the international "4 per 1000" Initiative Virtual Fair, click [here](#).

A 30-hectare estate (vineyard, beekeeping, olive growing), **Château de la Roque Forcade** is nestled in the heart of Provence, in France, 25 minutes from Aix-en-Provence and Marseille. **The Château de la Roque Forcade is in particular vineyard and an olive grove worked by hand and in BIO.** To learn more, please click [here](#).

## Activities related to the activities of the "4 per 1000" Initiative

**In an unprecedented initiative of its kind, the Save Soil movement has helped galvanize the attention of over 3.9 billion people to the soil condition worldwide and brought 74 nations on board to #SaveSoil since 21 March, when the Indian yogi Sadhguru began the lone motorcycle journey from London to Cauvery basin (India).** On April 8, 2022, the international "4 per 1000: Soils for Food Security and Climate" Initiative and Save Soil Movement have signed MoU\*. To learn more, please click [here](#).

\*A Memorandum of Understanding (MoU) is a type of agreement between two (bilateral) or more (multilateral) parties. It expresses a convergence of will between the parties, indicating an intended common line of action. (Source Wikipedia)

### 50 millions people, 6 millions farmers, 8 millions hectares!

Andhra Pradesh Community-Managed Natural Farming (APCNF), a Systemwide Agro-Ecology Transformation, is an Initiative of Rythu Sadhikara Samstha, Government of Andhra Pradesh (India).

Rythu Sadhikara Samstha has been established in October 2014 as a not-for-profit company to create integrated institutional mechanism for all programmes, schemes and activities intended for farmer's empowerment, encompassing welfare, development, capacity enhancement, credit flow, financial support and allied empowerment activities. Rythu Sadhikara Samstha in English can be read as Farmer Empowerment Organisation.

Vijay Kumar Thallam, advisor to the Department of Agriculture and Cooperation of the State Government of Andhra Pradesh, is leading the implementation of the ZBNF\* programme in Andhra Pradesh.

To learn more about APCNF, click [here](#).

\* Zero Budget Natural Farming (ZBNF) is a set of farming methods, and also a grassroots peasant movement, which has spread to various states in India.



## Follow the "4 per 1000" Initiative on social networks!

**@4p1000 Initiative // Please Suscribe / like / share**



Facebook Page: [4p1000 Initiative](#)

[www.facebook.com/4p1000](http://www.facebook.com/4p1000) ou [fb.me/4p1000](https://fb.me/4p1000)

Facebook Group: [All 4p1000](#)

[www.facebook.com/groups/all4p1000](http://www.facebook.com/groups/all4p1000)



Linkedin: [4p1000 Initiative](#)

<https://www.linkedin.com/company/4p1000initiative/>



Twitter: [@4per1000](#) [#4p1000](#)

[www.twitter.com/4per1000](http://www.twitter.com/4per1000)



YouTube: [4p1000 Initiative](#)

[www.youtube.com/channel/UCvBmNtaHxi3PcvbUkkL\\_UQg](http://www.youtube.com/channel/UCvBmNtaHxi3PcvbUkkL_UQg)

**If you would like the "4 per 1000" Initiative to relay your publications on its own social networks, please add the following mention at the bottom of the information you publish:**

**[@4p1000initiative](#)**

### To see ...

#### Re-Thinking Food: Transforming Food Systems for People and Planet | Frank Eyhorn | TEDxIHEID - April 2022

Climate change, biodiversity loss, poverty, health issues: what we eat and how we produce our food is shaping the face of our planet and of our societies like no other human activity. The hidden costs of cheap food are mind-blowing. At the same time, food is currently one of the most powerful levers for changing things for good. No need to be dogmatic or stop enjoying food. But re-thinking the way we look at food, and re-shaping the rules of the game that determine food systems, will have an enormous impact. Frank Eyhorn is an established expert in sustainable agriculture and food systems with more than 20 years of experience in international cooperation. With a PhD in environmental science, he has conducted extensive research and published various educational materials and scientific articles. In 2020, he became the CEO of Biovision, a Swiss foundation promoting and supporting ecological development in Africa, Switzerland and globally. **To watch the TEDx click [here](#).**

[Biovision](#) is a Partner of the international "4 per 1000" Initiative.





**They joined us!**

### National & local government bodies

**Communauté de Communes du Pays Beaume Drobie - France**  
To learn more, please click [here](#).

### Private foundations of public interest

**Farm : Fondation pour l'Agriculture et la Ruralité dans le Monde - France**  
To learn more, please click [here](#).

### Farmers & Foresters organisations

**Advanced Organics - United States of America**  
To learn more, please click [here](#).

**PD Krakovany-Stráže - Slovakia**

### Research and educational bodies

**Académie de Sciences Vétérinaires de la Region de Murcia - Spain**  
To learn more, please click [here](#).

**Amazonía Emprende-Escuela Bosque - Fundación Academia de Innovación para la Sostenibilidad - Colombia**  
To learn more, please click [here](#).

**180 Degrees Consulting Lund - Sweden**  
To learn more, please click [here](#).

### Civil society & non-profit organisations

**Caisse Centrale de la Mutualité Sociale Agricole (CCMSA) - France.** To learn more, please click [here](#).

**Earth Care Ghana - Ghana.** To learn more, please click [here](#).

**Initiative AAA - Morocco.** To learn more, please click [here](#).

### Civil society & non-profit organisations

**Kidlinks Small Farm Incubator, NPC, PBO - South Africa**  
To learn more, please click [here](#).

**Lanka Organic Agricultural Movement (LOAM) - Sri Lanka**  
To learn more, please click [here](#).

**Orissa State Volunteers and Social Workers Association (OSVSWA) - India.** To learn more, please click [here](#).

**People and Nature Reconciliation - Viet Nam**  
To learn more, please click [here](#).

**The Blue Atlas Project - United States of America**  
To learn more, please click [here](#).

**Washirika Farmers Company Ltd - Uganda**

### Commercial & for-profit organisations

**Crop Nutrition Laboratory Services Limited - Kenya**  
To learn more, please click [here](#).

**Dabre Family Services International INC - United States of America.** To learn more, please click [here](#).

**Mission It's Possible - United States of America**  
To learn more, please click [here](#).

**Moët Hennessy - France**  
To learn more, please click [here](#).

**Retallack Viticulture Pty Ltd - Australia**  
To learn more, please click [here](#).

**SCEA des Domaines Georges Ortola - France**  
To learn more, please click [here](#).

[See here how to join the « 4 per 1000 » Initiative.](#)

## The international "4 per 1000: Initiative: Soils for Food Security and Climate"



### Any ideas, any suggestions...

For the next newsletter, please send us your information, your events,... **no later than September 10, 2021**. You can send an e-mail to [socialmedia.admin@4p1000.org](mailto:socialmedia.admin@4p1000.org).