



Editorial

#25 - July 2024



Dear Members and Partners,

It will soon be 10 years since COP 21 in Paris validated in its memorable Universal Agreement (adopted by 195 nations) a shared commitment to keeping the rise in global temperature below 2°C and if possible, even 1.5°C, above pre-industrial levels, by strengthening the capacity to respond to the consequences of climate change. In 2024, this rise has already exceeded the famous 1.5°C, and global greenhouse gas emissions are continuing to rise (+18.2% between 2005 and 2020) when they should have fallen drastically to enable us to achieve the objectives of the Paris Agreement. We must therefore continue, and even step up, our efforts to reduce emissions throughout the world and in all sectors.

At the same conference, developed countries pledged to mobilise USD 100 billion per year for climate action in developing countries by 2020 at the latest (a date that was later moved to 2025), in the context of significant mitigation action and transparency in implementation. For the first time in 2022 (3 years before the deadline), the total amount of financing for the fight against climate change exceeded USD 100 billion, with USD 115.9 billion*. This is a positive result, but if we look more closely, 2/3 went to mitigation efforts and 1/3 to adaptation, and only USD 10.4 billion has been devoted to agriculture, forestry and fisheries, i.e. 8.9% of the USD 115.9 billion. It can therefore be estimated that the share of funding going to agriculture is no more than 25% (forestry should account for the vast majority), i.e. around USD 2.5 billion, or just over 2% of the total. As far as funding is concerned, the result is "satisfactory" in terms of amount, but not in terms of targeting. And I'm not talking about the demands of developing countries, which would like to see this annual envelope increased to USD 1,000 billion over time.

This is the current situation, at a time when more and more of us are recognising the fantastic mitigation and adaptation potential of the agricultural sector, thanks to soils. It must be said that financial support is not necessarily going where it should.

This is also the observation that we are making at the Executive Secretariat of the Initiative, since this year we are once again having difficulties with our budget, which remains below our hopes, and above all below our needs given the scale of what we must do. We need you and your support, and today we are announcing the launch of the call for private funding, an adapted mechanism that will enable you to send us your donations and contributions (details on page 3). If you would like to contribute, please contact [Ms Béatrice BRETON-ASKAR](#). Thank you in advance for your support.

In this budgetary context, we are obliged to schedule the 8th Day of the Initiative online only, spread over two consecutive days, with a three-hour session for the Forum of Partners on the first day and a two-hour session for the Consortium of Members on the second day. The dates will be set shortly, but we are giving priority to the week of 25 to 29 November 2024, i.e. between COP 29 UNFCCC in Baku and COP 16 UNCCD in Riyadh.

During the second half of the year, we will be organising a Mediterranean regional conference in Rabat (Morocco) from 21 to 23 October 2024, with CIHEAM, OIV, IAV Hassan II (which will be hosting us on its premises), the FARM Foundation (France), CIRAD (France), INRA (Morocco), ICARDA (Lebanon), the AAA Foundation (Morocco), OCP (Morocco) and the Moroccan and French Ministries of Agriculture as co-organisers, partners and supporters.

This year also saw the renewal of some of the members of the Board, with the arrival of new representatives for countries (Norway), producer organisations (Farmers' Pride International) and NGOs (SACANI - South African Comprehensive Agroecology National Initiative), as well as the appointment of two Honorary Vice-Presidents, Ms Gabrielle BASTIEN and Mr Wolfgang ZORNBAACH.

The Initiative's Scientific and Technical Committee (STC), which is now also the interim STC of the Soil Carbon International Research Consortium set up in November 2023 following the CIRCASA project and as part of the ORCaSa project, held its 17th meeting in Montpellier from 22 to 24 May 2024, and is continuing its exciting series of seminars. Following the departure of Dr Cornelia RUMPEL and Dr Yasuhito SHIRATO, whom we would like to thank once again for their scientific contributions to the STC since 2016, two new members will be joining the STC following their nomination by the Members Consortium, which was consulted electronically. The results led to the nomination of Prof. Anna KRZYWOSZYNSKA, Associate Professor of Environmental Social Sciences, University of Oulu (Finland) and Dr Rémi CARDINAEL, soil scientist and agronomist, CIRAD researcher seconded to the Department of Plant Production Science and Technology, University of Zimbabwe. Welcome to both.

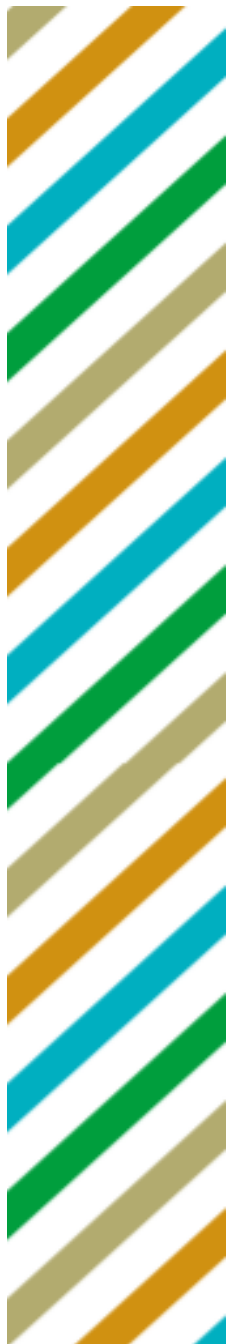
Take care of yourselves, your loved ones and our most precious common asset: our soils.

Dr. Paul LUU, Executive Secretary of the international "4 per 1000" Initiative

* OCDE (2024), Financement climatique fourni et mobilisé par les pays développés en 2013-2022, Le financement climatique et l'objectif des 100 milliards de dollars, Éditions OCDE, Paris, <https://doi.org/10.1787/9db2b91d-fr>.



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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



**Would you like to make an even greater commitment to combating climate change and ensuring food security?
Support the international "4 per 1000" Initiative to enable it to step up its action to promote the soil health of agricultural and forest soils.**

The international "4 per 1000" Initiative is **unique in its kind** and is **linked with all stakeholders who have a link with agricultural or forest soils** (5 colleges of stakeholders, an active community of more than 825 partners throughout the world, etc.).

Based on solid scientific documentation and with a Scientific and Technical Committee made up of 14 renowned experts, **the international "4 per 1000" Initiative benefits from a 360° vision and expertise on the health of agricultural and forest soils.**

The international "4 per 1000" Initiative encourages **all voluntary actors throughout the world to commit to a transition towards regenerative, productive and highly resilient agriculture.**



How to commit?

By donating via CDA (*) [Centre pour le Développement de l'Agroécologie / *Development Centre for Agroecology*], by logging into 'HELLO ASSO' website [on the CDA - "4 per 1000" 'HelloAsso' web page](#).



Who can give?

Private organisations, companies, individuals based in France or abroad, **you can all support the Initiative** and its actions to promote healthy soil.

➔ **If you are a corporate or an organisation taxpayer**, whose registered office for tax purposes is in France, you can deduct 60% (*) of the amount donated up to a limit of 5 ‰ (5 per thousand) of your company's annual turnover excluding VAT (the limit applied to all payments made). If the ceiling is exceeded, the excess can be carried forward to the next 5 financial years.

For example: a donation of €10,000 will ultimately cost your private organisation €4,000
For example: a donation of €100,000 will ultimately cost your private organisation €40,000

➔ **If you are not registered in France**, you can still donate but you will not benefit from tax deduction.

➔ **If you are an individual resident in France for tax purposes**, you can benefit from a tax reduction equal to 66% of the amount paid, up to a limit of 20% of taxable income.

For example: a donation of 100 € will, in the end, cost you 33.30 €
For example: a donation of 1,000 € will, in the end, cost you 333 €

➔ **If you are an individual not resident in France for tax purposes**, you can donate without benefiting from the tax deduction.

(*) **CDA** (Centre pour le Développement de l'Agroécologie) is an association created on 22 November 2022, in France, under the impetus of the founder and CEO of the private organisation Biosphères.
 CDA is a member of the international "4 per 1000" Initiative. The international "4 per 1000" Initiative and CDA are legally bound by a memorandum of understanding and a financial agreement, signed on 4 July 2023.
 Biosphères is a partner of the international "4 per 1000" Initiative.

.../...



Your advantages as a benefactor of "4 per 1000"?

By providing financial support to the international "4 per 1000" Initiative, you will become a benefactor/donor of "4 per 1000" and enjoy several advantages.



For more information, please contact [Mme Béatrice Breton-Askar](#).



Your support will allow us to:

- **Putting soil health even higher on the international agenda**
- **Emphasize the impact of our yearly Call for Projects** through an enhanced formative assessment and finance a "4 per 1000" AWARD prize for the winner of the "4 per 1000" yearly call for projects
- Conduct an **inventory about certifications**, available for all
- Conduct an **inventory about carbon credit schemes**, available for all
- **Deepen the scientific support to the "4 per 1000" Scientific and Technical Committee**, which would help to multiply scientific publications
- **Allow us to hire scientific consultants** working on impact measurement
- **Support the writing and publication of new "4 per 1000" books**
- **Increase the coverage of travel expenses for farmers** for them to be invited to the "4 per 1000" regional meetings worldwide.



You have questions, please contact [Ms Béatrice Breton-Askar](#).

THANK YOU FOR YOUR DONATION AND YOUR SUPPORT!



Crédits photos : Mme Georgina Smith / L'Alliance de Bioversity International & CIAT.



17th Meeting of the Scientific and Technical Committee of the “4 per 1000” Initiative

The Scientific and Technical Committee of the Initiative ([STC](#)) convened for its 17th meeting from 22nd-24th of May 2024 in Montpellier (France) and online.

Besides an introduction to their current research, the scientists elaborated the work programme of the upcoming months, which will include, i.a., the continuation of the very successful [Soil Carbon Sciences Webinar Series](#) as well as a Special Issue in the new Elsevier Journal Soil Advances with a view to the 10th anniversary of the Initiative. The morning of the 24th saw the second meeting of the Scientific Committee of the [Soil Carbon IRC](#), during which the extension of the strategic research agenda as well as the [Impact of Soils Platform](#), an online resource base around soil carbon, were discussed under the lead of Suzanne Reynders (INRAE) and Julien Demenois (CIRAD).

Since the beginning of the year, **the Scientific and Technical Committee of the international "4 per 1000" Initiative is taking up its mandate as the interim Scientific Committee of the Soil Carbon International Research Consortium (IRC)**. The first meeting took place back-to-back with the 16th STC meeting in Dubai and was a successful start to what will hopefully be a very fruitful cooperation, strengthening international collaboration in Soil Carbon Sciences.



Soil Carbon Sciences Webinar Series

After the huge success of the first three editions, the Scientific and Technical Committee (STC) of the international "4 per 1000" Initiative launched, on May 2, 2024, a new Soil Carbon Sciences Webinar Series.



‘Can Increasing Soil Organic Carbon Boost Crop Productivity?’ - 2 May 2024

Understanding the interplay between soil health and crop productivity is highly relevant as we face climate change and food security challenges. Dr. Dominic Woolf from Cornell University shared his latest findings from analysing more than 10,000 controlled field trials extrapolated to the global scale. He discussed the effectiveness of soil organic carbon sequestration compared to nitrogen fertilization in improving crop yields, especially under optimized soil management. Dr. Mauricio Cherubin from the University of Sao Paulo drew from studies in tropical regions on implementing soil carbon management techniques, resulting in improved crop productivity and livelihood.

Dr. Beverley Henry, an Adjunct Associate Professor in the School of Biology and Environmental Science, Queensland University of Technology, Australia, provided her insight. Dr. Beverley Henry is a member of the “4 per 1000” Scientific and Technical Committee.

Finally, there was discussion of the potential increase in global crop production by optimizing soil carbon levels and opportunities to use technologies and practices to achieve multiple benefits.

This webinar was moderated by Dr. Budiman Minasny, The University of Sydney, member of the "4 per 1000" Science and Technical Committee.



‘How to Measure Soil Health’ - June 6, 2024

The session has designed to present the latest scientific findings and essential knowledge for identifying crucial soil health indicators. During the session, Dr. Cristine Morgan from the Soil Health Institute shed light on a selected set of cost-effective and responsive indicators for soil health assessment, while Dr. Iêda de Carvalho Mendes from Embrapa Cerrados shared insights from Brazil's large-scale soil health evaluations, focusing on the role of soil enzymes.

Dr. Beata Madari from Embrapa's Rice and Bean research center contributed her invaluable expertise. Member of the Scientific and Technical Committee of the “4 per 1000” Initiative, Dr. Beata Madari has worked on various soil carbon determination methods and contributed to IPCC and UN initiatives.

This webinar was moderated by Dr. Budiman Minasny, The University of Sydney, member of the "4 per 1000" Science and Technical Committee.

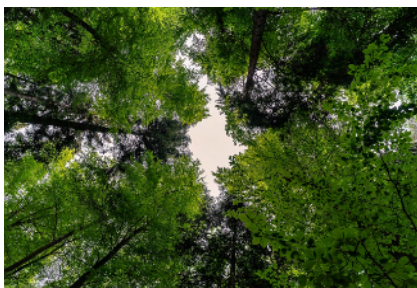
To view or replay these seminars online, click [here](#).



5th Call for formative assessment of projects by the Scientific and Technical Committee (STC) of the "4 per 1000" Initiative

[The "4 per 1000" Initiative's fifth call for formative assessment of projects](#) was launched on 15 May 2023. The aim of this call was to promote the emergence of projects that could be assessed by the Scientific and Technical Committee (STC) of the "4 per 1000" Initiative, in order to support project holders in their search for human and financial supports for implementation in the field, using [the set of criteria, indicators, methods and units of measurements developed by the STC, and approved by the Consortium of Members of the "4 per 1000" Initiative](#). After completion of the assessment process, the project holder receives a report that includes the assessment result and recommendations from the STC.

Nine projects were submitted to the fifth call; taking into account the summary report and the recommendations from the assessment of every project, the STC and the Executive Secretary of the "4 per 1000" Initiative consider that two of them are in line with the objectives of the "4 per 1000" Initiative and hope that each of these projects will be supported by appropriate funding from funders compatible with the goal of the Initiative. This information has been communicated to the project holders of these projects. The remaining projects received recommendations on how to improve the project in order to be supported by appropriate funding from funders compatible with the goal of the Initiative.



PFA-58, Forests by Heartfulness, was submitted by INGA Foundation as Modality 2.

Forests by Heartfulness is a transformative initiative with the potential to make a significant impact on local, national, and global scales. Through sustainable practices, community involvement, and a commitment to biodiversity, Forests by Heartfulness (FBH) is setting an example for ecological restoration and conservation worldwide. FBH is an ecological initiative aimed at protecting endangered ecosystems and promoting biodiversity.

By planting over a million trees, they transformed Kanha Shanti Vanam in India into a lush green oasis in six years. With more than 600 tree species and 1500 plant species, the area now supports 125 bird species. FBH plans to plant 30 million trees across India by 2027, with 18 nurseries already established. They practice organic farming and collaborate with Sammunati to support farmers. The project benefits 100,000 villagers and attracts over a million visitors annually. FBH also trains young entrepreneurs to start their own nurseries and plans to expand globally by 2027.



PFA-61, 'Make composted food biowaste from urban areas in regenerating agricultural land and combating climate change', was submitted by Alchimistes (France), as Modality 1.

Composting food waste offers multiple benefits, including renewing organic matter in soils and participating in carbon sequestration. It also contributes to soil fertility by supplying local nitrogen, replacing some nitrogen from the chemical industry and ensuring greater national sovereignty. This impact on soil health and plant fertility contributes to greater food security. The Alchimistes project aims to promote compost as a sustainable solution for fertilisation, regeneration, and carbon sequestration, integrating it into eco-

friendly agricultural transition solutions and improving economic ratios for industries and agriculture. The pilot project targets the Provence Alpes Côte d'Azur region (PACA, France) with the aim of improving soil health, enhancing soil quality, and reducing atmospheric carbon emissions. The project also aims to test the gradual replacement of chemical fertilizers with natural compost and observe its effects on soil, biodiversity, water retention, organic matter, and carbon stockage.

The Executive Secretariat of the international "4 per 1000" Initiative is working on the digitalization of project evaluation processes by the "4 per 1000" Scientific and Technical Committee (STC).

The 6th call for projects for evaluation by the STC will be launched in July 2024 on the AFRIS platform. The information will be available as every year on the Initiative website.



On June 10, 2024, the international "4 per 1000" Initiative joined the Paris Peace Forum's multi-stakeholder coalition on African agricultural systems.

During its sixth edition on November 11, 2023, the Paris Peace Forum launched the call for mobilization, "[Africa Can Be a Major Agricultural Power](#)". This initiative came in response to three critical observations hindering the development of African agriculture:

- (1) The lack of a globally shared vision aligned on African priorities for African agriculture
- (2) The massive funding deficit in the African agricultural sector and the insufficient efficiency of already existing investments
- (3) A backdrop of climate-related challenges on the continent.

The ATLAS Laboratory (Agricultural Transitions Lab for African Solutions) is the permanent structure for North-South dialogue and cooperation of the multi-stakeholder coalition of the Paris Peace Forum on African agricultural systems.



The fourth annual "4 per 1000" Virtual Fair took place between June 17 and 21, 2024.

Several partners and members of the Initiative used this opportunity to present their work on the "4 per 1000" Platform. To learn out more click [here](#).

Like last year, the Virtual Fair 2024 was again accepted as a partner event of the EU Green Week.



Invest in Soil Health – key practices and financial mechanisms

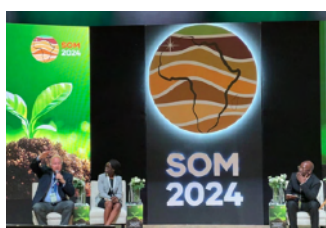
The British Society of Soil Science ([BSSS](#)), together with the international "4 per 1000" Initiative and other partners and supporters, hosted a side event at the Bonn Climate Meetings ([SB60](#)) on Friday 7 June. The event was chaired by Dr Elizabeth Stockdale, Head of Farming Systems at NIAB, and addressed the challenges of soil degradation.

The panel brought together different stakeholder groups and so had the possibility to delve into the multifaceted dimensions of soil policy, governance and the need for collaboration. The role of policy interventions in mitigating soil degradation, as well as the integration of traditional knowledge into modern governance frameworks had been discussed. Moreover, the session talked about opportunities for cross-sectoral collaborations, citizen engagement, and international cooperation in advancing soil policy agendas.

The panellists were:

- Jean-Luc Chotte, Research Director at the [IRD](#) ;
- Dr. Olga Andreeva, Programme Officer at the UNCCD ;
- Miriam G. Medel Garcia, Career Diplomat at onepoint5 ;
- Miguel Ángel Zhan Dai, Climate Policy Officer at FOUR PAWS International ;
- Lulseged Tamene Desta, Landscape Ecologist at the Alliance of Bioversity International-CIAT.

It was a very exciting session with a very active, interested audience who continued to discuss soil health issues after the event.



The 9th International Symposium on Soil Organic Matter being held from May 27 to 31 at the Mohamed VI Polytechnic University (UM6P) in Ben Guérir (Morocco).

The international "4 per 1000" Initiative is honored to have been invited, through its Executive Secretary, Dr Paul Luu who had the honor and pleasure of presenting an overview of the Initiative in 2024, in plenary during the morning of the first day, sharing the "Global Soil Organic Carbon Stocks" session with Dr. Janet Nabwami of the Global Soil Partnership presenting the "Soils Doctors" project.

This is [the 9th edition of this high-level scientific conference](#), initiated in 2007 by Dr. Abad Chabbi, which regularly takes stock of knowledge and scientific projects relating to soil organic matter. Many thanks to the organizers Prof. Joann Whalen and Prof. Ngonidzashe Chirinda for this marvellous conference, held for the first time on the African continent.



MRV systems related to Soil health in the context of Agroecology and the "4 per 1000" Initiative

The GSP Plenary Assembly was held from June 3 to 5, 2024, in person and online at FAO headquarters in Rome (Italy). The Global Soil Partnership (GSP) Plenary Assembly is the most important gathering of the partnership where crucial decisions concerning the global soil agenda are taken. It is the main platform for FAO Members and GSP partners to meet and exchange knowledge and expertise in sustainable soil management. The day of June 4 was dedicated to partner events.

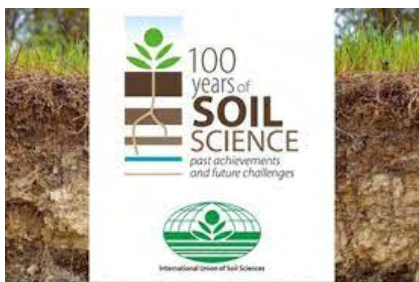
Dr. Paul Luu, Executive Secretary of the international "4 per 1000" Initiative, proposed and moderated the first side event of the Global Soil Partnership 2024 Partners' Day on MRV systems for soil health in the context of Agroecology and the "4 per 1000" Initiative, following the work by Deloitte Sustainability France.

Thanks to the valuable contributions and presentations of Eric Ceshia (INRAE - CESBIO), Maëlys Paquette (Deloitte Sustainability France), Quentin Sannié (Genesis), Laure-Sophie Schiettecatte and Christophe Besacier (FAO), this event was a great success and gathered more than 60 participants in the Ethiopian Room of FAO building.

Thank you to GSP particularly Lifeng Li, Natalia Rodríguez Eugenio, Isabelle Verbeke for assistance and support.

To find out more about this event and view the presentations, click [here](#).

To consult the MRV systems relating to soil health in the context of agroecology and the the international "4 per 1000" Initiative, click [here](#).



Centennial Celebration and Congress of the IUSS, 19-21 May 2024, Florence, Italia

Celebrating its [100th anniversary](#), the International Union of Soil Sciences convened soil scientists from around the world to reflect on past achievements, current proceedings and future challenges of soil sciences. During three days over 1400 participants, amongst those many early career scientists, introduced their research, covering all sub-disciplines.

Soil organic carbon research had a prominent role throughout the conference, leading **Dr. Claire Chenu, member of the Scientific and Technical Committee of the international "4 per 1000" Initiative, to reflect on whether there was a carbon mania** during her talk in the opening session of the conference. Remarkably, quite a number of sessions also covered questions of soil governance and social aspects related to soils.

The international "4 per 1000" Initiative, together with CA4SH and the British Soil Sciences Society organized with Dr. Claudia Schepp, a very well received session on "Soil Ambitions: Driving soil health into national and international policy", during which scientists presented their research on ongoing policy efforts around soils in Europe. Secondly, an oral presentation on the "4 per 1000" Initiative's experiences and engagement for multi-stakeholder collaboration by the Scientific and Technical Committee contributed to the discussion around inclusive soil governance.

The Initiative further prepared a video on the occasion of the Centennial Celebrations which can be found [here](#).





The Honorable Kamlesh Patel (DAAJI)

The Honorable Kamlesh Patel (DAAJI), Global Guide of Heartfulness Institute & Forests by Heartfulness, Global Ambassador of Peacebuilding and Faith in the Commonwealth and Mr. Stéphane Le Foll, President of the international "4 per 1000" Initiative, and former French Minister of Agriculture, chaired an Expert Meeting on Soil Health, last 14 May 2024.

The meeting was held under the patronage of the UNESCO Artist for Peace, Ms Guila Clara Kessous, Ambassador for Peace, at the House of Latin America in Paris.

The co-organisers of the international "4 per 1000" Initiative, Dr. Paul Luu, Ms. Béatrice Breton-Askar and Ms. Eva Vandest from Heartfulness would like to thank the inspiring Key Note Speakers: the Honourable Kamlesh Patel, Global Guide of Heartfulness Institute, Global Ambassador of Peacebuilding and Faith in the Commonwealth (coming from India) ; Mr. Stéphane Le Foll, President of the international "4 per 1000" Initiative, and former French Minister of Agriculture (2007-2012), current President of Le Mans Métropole, France ; Dr. Jean Luc Chotte, Research Director, IRD, Chairman of the French Scientific Committee on Desertification ; Dr. Paul Luu, Executive Secretary of the international "4 per 1000" Initiative and the famous panel of experts:



S Le Foll and GC Kessous



Ms. Isabelle Delannoy, founder of "L'Entreprise Symbiotique",
 Ms. Sandrine Sommer, Chief Sustainability Officer at Moët Hennessy, (LVMH group),
 Ms. Alice Legrix de la Salle, Impact & Regenerative Financing at AXA Climate,
 Ms. Diane Masure, Vice-President of APAD and Farmer,
 Dr. Cornelia Rumpel, Research Director at INRAE and CNRS, France, and
 Ms. Guila Clara Kessous for her excellent moderation of the debates and, finally, UNESCO for providing the presence of a translator.

You can watch [the titanic restoration work carried out by Heartfulness Forests by Heartfulness on the Kanha site \(near Hyderabad\) in India.](#)



The international "4 per 1000" Initiative at the 1st FAST Partners' Meeting

Dr. Paul Luu and Dr. Claudia Schepp from the Executive Secretariat of the international "4 per 1000" Initiative took part in the 1st FAST (Food Agriculture Sustainable Transformation) partners' meeting held on April 30 in Rome (Italy). The FAST Partnership meeting in FAO headquarters explored concrete ways in which the Partnership can unlock climate investments in agrifood systems for the most vulnerable. To find out more, click [here](#). Dr Claudia Schepp also attended a FAST members and board meeting on June 3 in Bonn, Germany.

The FAST Partnership brings together governments, intergovernmental organizations, civil society organizations, youth and farmers' organizations, multilateral development banks, and global and regional networks. FAST is a multi-stakeholder partnership that aims to catalyze and accelerate the transformation of agriculture and food systems by 2030 for people, climate, and nature. The partnership was developed to implement activities and achieve the objectives of the FAST Initiative, which was launched by the COP27 Presidency in 2022 in Sharm el-Sheikh, Egypt. FAST is supported by the Federal Ministry of Food and Agriculture of Germany (BMEL) and facilitated by FAO.



On 16 April 2024 a webinar on: **Regreening the Sahel - Restoring land and livelihoods** took place in the “4 per 1000” Community of Practice. The event was organized together with Peter Gubbels from Groundswell International.

Land degradation is a serious threat in Africa, particularly in the Sahel where the combination of climate change, increased population, loss of tree and vegetative cover, and intensified land use is undermining the natural resource base on which rural communities depend.

The speakers Peter Gubbels (Groundswell International), Richard Ouedraogo and Pierre Omer Ouedraogo (SPONG) told us about their work in Western Africa and presented innovative regreening practices for a regeneration and restoration of the lands.

More information [here](#), and to watch the whole recording [here](#).



Orygen Institute and Everwood, in partnership with ADEME, organized the 4th edition of Neutrality, the National Conference on Contribution to Carbon Neutrality on Thursday June 6, 2024 at the Ministry of Labor, Health and Solidarity in Paris (France).

The [Neutrality Conference](#) aims to enlighten companies that wish to complement their decarbonization efforts with initiatives to contribute to carbon neutrality.

This unique event in France, dedicated to meetings and the sharing of experiences between peers, brought together, in a hybrid format, both face-to-face and live, companies, experts and holders of biological sequestration projects in the forestry-wood and agricultural sectors, around round tables and keynotes. Neutrality's ambition is to promote solutions that contribute to carbon neutrality, and to showcase inspiring initiatives to encourage more and more companies to join the movement. The international “4 per 1000” Initiative was a partner of this conference.

To find out more about the program and watch the replay, click [here](#).



"4 questions to ... "

**Ms. Karen Ross
Secretary of the California Department
of Food and Agriculture**



Photo: CDFA Secretary Karen Ross

" ... This initiative has brought broad-based recognition to the power of the soil and it allows us to learn from one another. And that is the best way forward."

1/ Ms. Karen Ross, could you introduce yourself in a few words?

It has been my honor to serve two Governors as California's Secretary of Food and Agriculture since early 2011. But, I never forget my upbringing, values and life experiences rooted in farming in western Nebraska. I am first and foremost a farmer's daughter and a farmer's sister!

2/ As Secretary of the California Department of Food and Agriculture, what are the main actions you take in connection with the international '4 per 1000' Initiative: Soils for Food Security and Climate'?

The rôle of the department is to safeguard California's unique specialty crop and bountiful agricultural production from invasive pests and animal diseases ; provide inspection services to ensure safe, high quality products in an equitable marketplace ; and promote climate smart agricultural practices to foster resiliency in our productions systems for future generations.

With the leadership of Governor Newsom and the Legislature in recent years, CDFA has been able to provide farmers and ranchers incentive grants to transition to climate smart ag practices. Grant programs administered by the department foster healthy lifestyle practices by broadening access for ALL Californians to the healthy, nutritious foods we grow here.

Additional CDFA programs supplement traditional food support programs administered by other government agencies, including the Farm to School Program, the California Nutrition Incentive Program, and investments in refrigeration grants to support more access to fresh produce.

Agency programs support small and historically underserved farmers making the transition to climate smart ag practices and also increase local demand with grants to school systems to increase institutional procurement of locally grown goods as well as consumer incentive coupons to be redeemed at farmers markets to keep consumer spending in local economies – all while supporting access and opportunities for improved nutrition for healthy people!

3/ What does the international "4 per 1000" Initiative represent for you?

The "4 per 1000" Initiative has generated so much global momentum because it focuses on soil health by increasing organic matter and carbon in our soil in a way that will allow us to continue to grow food in a rapidly changing climate. The Initiative offers a way for every farmer and many other stakeholders to take an action to address climate, sequester carbon, and be a part of the solution. This resonates with so many countries because it offers hope that regardless of where we grow or what we grow, we can be a part of positive change and ensure that stewardship of our soils, biodiversity and ecosystems will create resiliency for future generations.

4/ What message do you want to convey to the "4 per 1000" Partners and Members?

I am grateful for the vision and inclusive leadership this initiative has provided for developing and implementing the practices that allow for place-based applications to achieve outcomes that work for farmers, ranchers and communities. This initiative has brought broad-based recognition to the power of the soil and it allows us to learn from one another. And that is the best way forward.

Save the date!

27th Session of the Committee on Forestry (COFO) - 22-26 July 2024 - FAO headquarters, Rome, Italy, hybrid format

The biennial sessions of COFO bring together high-level representatives, heads of forest services, government officials and partner organizations to identify emerging policy and technical guidance, seek solutions, and advise on future strategy and action. COFO 27 will be held in conjunction with the 9th World Forest Week (WFW 2024) under the theme "Accelerating Forest Solutions through Innovation."

To learn more [here](#).

FairCarboN, Carbon economics for agricultural and food systems: issues, solutions and public policies - September 12, 2024 - campus Agro - Paris - Saclay, Palaiseau, France

Registration is now open for the one-day conference on carbon economics for agricultural and food systems!

This day, funded by PEPR FairCarboN, invites you to discuss economics and carbon, through the question: How does economics shed light on climate issues? with a focus on greenhouse gas (GHG) emissions mitigation and carbon storage in the agricultural and food sectors.

Information and registration [here](#).

Global Symposium on Soil Information and Data - 25-28 September 2024 - Nanjing, China

This event is organised by FAO and its Global Soil Partnership (GSP) with the Institute of Soil Science, Chinese Academy of Sciences (ISSCAS).

The symposium will serve as an international forum for global players – from policymakers to researchers, and practitioners – to engage in the crucial area of soil data and information. Emphasising the significance of data-driven decision-making, GSID24 aims to catalyze the development and implementation of policies grounded in robust soil data, thereby enhancing the efficacy of global efforts towards sustainable development and climate resilience.

More information [here](#).



Our Partners and Members act!

The Ministry of Agriculture and Rural Development of the Socialist Republic of Vietnam, in collaboration with the Mekong Delta province of Hậu Giang on Tuesday launched in late 2023 a project on developing one million hectares of high-quality, low-emission rice linked with green growth in the Mekong Delta region by 2030.

[The project](#) aims to increase value, sustainably develop the country's rice industry, increase incomes for rice farmers, protect the environment, and contribute to realising Việt Nam's environment commitment.

Promoting linkage of organic agricultural production chain

Currently in the Socialist Republic of Vietnam, there are 62 localities engaging in organic agricultural production or transitioning to organic cultivation, covering hundreds of thousands of hectares. Over 7,000 farmers participate in organic agriculture, along with 60 business units involved in distribution, and export of organic agricultural products. Recently, the National Agricultural Promotion Center has developed several models of organic agricultural value chain linkage to increase value and ensure sustainable development.

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

At the opening session of the [12th session of the Plenary Assembly of the Global Soil Partnership](#) (GSP), held from June 3 to 5, 2024 in Rome, **the Minister of Agriculture, Maritime Fisheries, Rural Development and Water and Forests of Morocco, Mr. Mohammed Sadiki, highlighted Morocco's actions in soil fertility management, including the national launch of a 1 million hectare conservation agriculture program aimed at sustainable soil management.** Mr. Mohammed Sadiki also emphasized the need to produce more with fewer natural resources, stressing the crucial importance of soil health for food security, sustainable development and climate resilience.

The Moroccan Ministry of Agriculture, Maritime Fishing, Rural Development and Water and Forests runs several programs, notably on climate change and agricultural research.

To find out more, click [here](#).

The UK government's Department for Environment, Food and Rural Affairs (DEFRA) has extended its Sustainable Farming Incentive scheme.

Farmers can be paid to manage land sustainably to benefit the environment and support food production.

To find out more, click [here](#).

The Ministry of Agriculture, Forestry and Fisheries of Japan ([MAFF](#)) has formulated a biodiversity strategy and is promoting the conservation of biodiversity in the agriculture, forestry and fisheries industries and agricultural, mountainous, and fishing villages through various measures.

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



Our Partners and Members act!

Representatives from the International Fertilizer Development Center (IFDC) participated in the Africa Fertilizer and Soil Health (AFSH) Summit, held May 7-9 in Nairobi, Kenya. The event, organized and facilitated by the African Union, brought together farmers, experts, policymakers, researchers, and representatives of international organizations, all dedicated to the pursuit of sustainable and productive agriculture in Africa. [IFDC representatives presented case studies and success stories from several projects across the African continent.](#)



OIV launches the Centenary Photo Contest – Pau Roca

In the framework of the [OIV centenary](#) and the [International Year of Vine and Wine](#), the OIV proudly announces the launch of the “2024 Centenary photo contest - Pau Roca”, dedicated to honouring the legacy of Mr. Pau Roca, the former Director General who served from 2019 to 2023. Mr Roca, who recently passed away, dedicated his tenure to addressing one of the foremost challenges confronting the

vine and wine sector: Climate change. In recognition of his invaluable contribution to the organisation and the vine and wine sector, as well as in remembrance of his remarkable leadership, the OIV, with the sponsorship of Vinos de la Luz, is proud to launch this photo contest under the theme **"The vine and wine sector facing climate change"**.

The deadline for submitting applications is 15 August - 18H CEST. No applications will be accepted after the deadline.

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

The Alliance of Bioversity & CIAT strives to make food and agriculture systems more sustainable, efficient and inclusive, through sustainably funded science, research-based solutions and inclusive knowledge generation. The Alliance works on various themes, such as agrobiodiversity. To find out more, click [here](#).

The Alliance of Bioversity & CIAT is part of [CGIAR](#), a member of the international “4 per 1000” Initiative.

How Can AI and Deeper Roots Help Soil to Store more Carbon?

[A recent study highlighted in Molecular Plant, led by Angela Fernando of the Alliance of Bioversity & CIAT](#), explores innovative ways to boost soil carbon storage through deeper root systems and AI technology. By increasing soil carbon, farmers not only lower emissions but also improve food production and combat the effects of climate change.

SoilFER: discover the new brochure!

FAO with the financial support of Department of State - United States of America

With the aim of strengthening agricultural resilience in Central America and sub-Saharan Africa, the Soil Mapping for Resilient Agrifood Systems (SoilFER) has emerged as an innovative initiative. Developed by [FAO](#) with the financial support of Department of State - United States of America, SoilFER dives into the depths of soil data to inform crucial policy decisions and fertilizer recommendations, from national strategies to individual field interventions.

Explore [the new brochure](#) to find out more about the project.

How to create agroforestry systems that work for farmers

To read the Q&A with scientist Andrew, lead scientist for the Center for International Forestry Research and World Agroforestry (CIFOR-ICRAF) and its country coordinator for Brazil, click [here](#).

In Tanzania, pesticides are taking a toll on crops and the food people eat, as well as on their physical health. **In a project backed by AFD, non-governmental organizations, including CARI, are supporting farmers in the production of organic crops**, in a bid to shore up food security and improve food quality. To learn more, please click [here](#).

AFD and CARI are members of the international “4 per 1000” Initiative.

Save the date!

To mark its 80th anniversary, the IRD is organizing the Science4Action international forum on October 7, 2024 at the Palais du Pharo in Marseille (France)

This event will bring together high-level speakers from all five continents - scientists, committed young people, entrepreneurs, decision-makers, representatives of international organizations, public institutions and civil society - to promote dialogue between research and development.

Admission is free with registration [here](#).

World Living Soils Forum - October 9 and 10, 2024 - Arles, France

Moët Hennessy and ChangeNOW will co-organize the next World Living Soils Forum, an international event dedicated to soil conservation. For two days, experts and speakers will share knowledge, best practices and innovations to protect and regenerate the soil in a wide scale of fields.

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

Mediterranean Regional Meeting of the international "4 per 1000" Initiative - from the evening of October 21 to 23, 2024 - Rabat, Morocco

This regional meeting is organized by the international "4 per 1000" Initiative with CIHEAM, OIV, IAV Hassan II (which will be hosting us on its premises), the FARM Foundation (France), CIRAD (France), INRA (Morocco), ICARDA (Lebanon), the AAA Foundation (Morocco), OCP (Morocco) and the Moroccan and French Ministries of Agriculture as co-organisers, partners and supporters.

The main objectives of this event are:

- To deliberate on the potential, challenges, opportunities, and strategies for soil C sequestration, soil health and agroecology around the Mediterranean Sea
- To propose an implementation pathway from policy to action through a regional "4 per 1000" roadmap.

More information [here](#).



Our Partners and Members act!

Led by the Daniel and Nina Caruso Foundation and AgroParistech, **TETRAA** (Territoires en Transition Agroécologique et Alimentaire) supports 9 regions in France to strengthen the social and economic sustainability of their agricultural and food systems.

The 'Pays Cœur d'Hérault' (Occitanie - France), a territory taking part in the TETRAA program, has worked with local radio station, 'Radio Pays d'Hérault', to produce [portraits of men and women farmers from all horizons](#) (viticulture, market gardening, livestock farming, etc.). They talk about their daily lives, their practices and their difficulties, but also about their pride, their passion for this profession and their commitment to the agricultural transition.

Making an impact on the planet's soils

Currently, one-third of global soils are degraded and depleted in carbon. [The Impact4Soil platform](#) is here to drive cooperation and knowledge sharing on soil carbon at an international level.

Impact4Soil was created as part of the [ORCasa project](#), a Horizon Europe program project coordinated by INRAE to bring together international stakeholders working on soil carbon sequestration.

To find out more, read the CIRAD article [here](#).

Launch of the ePOP 2024 international competition: young people take action for the environment

From June 5 to September 12, 2024, IRD and RFI Planète Radio are organizing the 6th edition of the video competition "Show how they feel", as part of the 'ePOP - Petites Ondes Participatives' project. The competition invites young people from all over the world to use their smartphones to capture the testimonies of those who are confronting the impacts of climate and environmental change on a daily basis, through a short 3-minute film. Find out more [here](#).

"25 sequences for teaching about soils"

The French Association for the Study of Soil (AFES) coordinated with a collective of 27 teachers and trainers, the production of "25 sequences for teaching soils" published by AFES and the 'RMT Sols et Territoires' by Editions Educagri. "25 sequences for teaching soils" is a collection of educational guides, structured in 4 parts:

- the discovery of the soil
- soil life
- water in the ground; the functioning of the ground
- land uses.

To find out more, click [here](#) (in French).

AFES is the French branch of the International Union of Soil Science (IUSS).

For over 20 years, **APAD**, Association pour la Promotion d'une Agriculture Durable, has been promoting Soil Conservation Agriculture (SCA). An association under the French Law of 1901, recognized as being in the public interest, APAD is managed by a Board of Directors made up of 100% farmers.

To watch APAD's 2023-2024 activity report on video, click [here](#).

Save the date!**ISADAE 2024 - The International Conference on the Impacts of Soil Amendments on Dryland Agro-Ecosystems - October 28-30, 2024 - Reims, France**

Recognizing the importance of healthy soils, the ISADAE 2024 conference aims to bring together researchers, PhD students, and policy-makers to facilitate the exchange of research findings and experiences, assess various approaches to producing and applying soil amendments. ISADAE 2024 also aims to foster international cooperation in developing strategies and projects for sustainable soil management in dryland agro-ecosystems. More information [here](#).

The United Nations Convention on Biological Diversity (UNCBD - COP16) - 21 October to 1 November 2024 - Colombia. Information [here](#).**European Mission Soil Week 2024 (EUSO) - 12-14 November 2024 - Bruxelles, Belgium**

More information [here](#).

On 14 November, there will be an exclusive side event, open to Mission Soil funded projects only, featuring cluster meetings on data and knowledge management, soil indicators and monitoring, as well as communication and stakeholder engagement.

The United Nations Framework Convention on Climate Change (UNFCCC - COP29) - 11 to 22 November 2024 - Bakou, Azerbaijan.

More information to come [here](#).

The 8th Day of the international "4 per 1000" Initiative will be held online between November 25 and 29, 2024.

More information to come.

The UNCCD COP16 (United Nations Convention to Combat Desertification) - 2-13 December 2024 - Riyadh, Saudi Arabia. Find out more [here](#).

Note that a side event could be organized by the "4 per 1000" International Initiative during the UNCCD (to be confirmed).

**Our Partners and Members act!**

Based in Chile, the LEMU Cooperative seeks to create local development based on the care and regeneration of nature, from the collection of seeds to the reforestation of plants to recover the forest and its ecological and cultural functions. An Indigenous Nursery Network in Kurarewe, the LEMU Cooperative forms an indigenous, local and intercultural reforestation community. To find out more, click [here](#).

A sustainable & Holistic Approach to Food Systems Transformation

Farmer's Pride International is a pioneering agricultural enterprise committed to revolutionizing the farming landscape in Africa through its Rural and Urban Agriculture Innovative Production Program ([RUIAPP](#)). It is an Agriculture program with a projected budget of \$171 million in 5 years. The company aims to establish a sustainable model for high-value, globally demanded cross-border value chain development crops.

This initiative encompasses various critical aspects of agriculture, including agroecology farming activities, involvement of women and young people, gender empowerment, self-help microfinance credit schemes, policy influence and advocacy, trade barriers removal advocacy, crop selection, farming, value addition, processing and exports, value chain development, market access, as well as climate change mitigation and resilience.

Based in Thiés, Senegal, the National Federation for Organic Agriculture ([FENAB](#)) is an apolitical, non-denominational and non-profit association. **Through its various projects, FENAB works for the recognition of organic ecological agriculture in national agricultural policy and the development of agrobiological research in Senegal.**

Created in March 2008, FENAB supports its member family farms in becoming genuine organic agricultural enterprises, in order to satisfy national demand for organic products and to be able to export surplus production, with a view to improving their incomes and living conditions and achieving sustainable development.

"What is Agroforestry?" - Patrick Worms, President of International Union for Agroforestry (IUAf)

Agroforestry offers farmers diverse ecosystem services and reduced reliance on costly inputs. It creates robust agroecosystems with critical elements such as nutrient recycling, soil conservation, and climate extreme mitigation. This makes agroforestry crucial for sustaining global agricultural productivity, regional ecosystem functionality, and rural livelihoods. To watch the video, click [here](#).

A new project to promote sustainable agricultural development in drylands

Carried out by the CARI association, the general objective of the "PASS-LCD" project is sustainable agricultural development in dry areas, combining population security and environmental conservation, through active collaboration between civil society and political players.

To discover the PASS-LCD project, click [here](#).



Our Partners and Members act!

Eligible farmers in the United States have an opportunity to participate in a new project to increase their incomes and enhance the environment through expanded agroforestry plantings in 30 states.

The Nature Conservancy (TNC) and multiple partners are launching a 5-year project to catalyze significant private investments into the agroforestry industry while increasing farmers' incomes and delivering environmental benefits such as enhanced carbon sequestration, soil health, biodiversity and water quality.

Run by The Nature Conservancy, this Agroforestry Project Aims for Climate Solutions on Ag Lands by providing training, planning and funds for 12,140 hectares (30,000 acres) of new agroforestry plantings in the U.S.

The ['Expanding Agroforestry Production & Markets for Producer Profitability and Climate Stabilization'](#) project is funded through the USDA's Partnerships for Climate-Smart Commodities initiative.

In 2023, AGRISUD International continued its action for "Entrepreneurship against poverty":

- * 38 projects carried out in 14 countries
- * 4 million euros committed
- * 16,927 family agricultural VSEs (very small businesses) supported
- * 84,635 people lifted out of poverty...

To find out more, [read AGRISUD international's 2023 activity report](#).



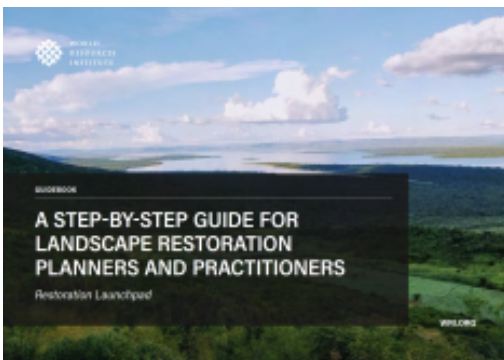
In the United States, Nationwide Partnership Advances Regenerative Agriculture in Cotton

Opportunities to advance sustainable cotton farming in the United States are growing thanks to a nationwide partnership led by the Soil Health Institute's United States Regenerative Cotton Fund (USRCF).

The fund's holistic approach to advance economic insights, soil health measurement, and education has made significant progress in the U.S. Cotton Belt since its establishment, engaging more than 1,000 cotton farmers and their advisors. Its efforts support adoption of management systems to improve soil health, the foundation for regenerative agriculture.

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

Soil Health Institute is a member of the international "4 per 1000" Initiative.



Step-by-Step Guide for Restoration Planners and Practitioners

[A new guidebook from World Resources Institute presents a step-by-step process for planning and implementing a landscape approach to restoration projects](#). It identifies the five essential stages of every project: Scope, Design, Finance, Implement, and Monitor. Each stage is outlined with key steps and a checklist to help planners track their progress and ensure that each topic has been taken into consideration. These checklists can be adapted and implemented by planners and practitioners in a variety of ecosystems, including grasslands, pasturelands, farmlands, coastal zones, wetlands, and peatlands.

Using Artificial Intelligence to Map the Earth's Forests

[World Resources Institute](#) and Meta launch a global map of tree canopy height at a 1-meter resolution, allowing the detection of single trees at a global scale.

In an effort to advance open source forest monitoring, all canopy height data and artificial intelligence models are free and publicly available. Learn more [here](#).

10 principles of regenerative land management by Régénération Canada

Through 10 insightful blog posts, [Régénération Canada peel back the layers of regenerative agriculture, revealing the 10 guiding principles that drive their mission](#).



Our Partners and Members act!

WBCSD publishes new Nature-based Solutions Map

The [Nature-based Solutions Map](#) is a tool designed to help companies identify the types of Nature-based Solutions (NbS) that best address their priority challenges and opportunities, enabling them to build stronger business cases for using NbS.

The World Business Council for Sustainable Development ([WBCSD](#)) is a global community of over 220 of the world's leading businesses, representing a combined revenue of more than USD\$8.5 trillion and 19 million employees. WBCSD is a Partner of the international "4 per 1000" Initiative.



Genesis wins "My Com For Impact" competition

The ["My Com For Impact"](#) program organized by BNP Paribas and Publicis France rewards entrepreneurs who innovate to have a positive impact on society or the environment.

It rewards the work of the entire [GENESIS](#) team, committed to measuring land regeneration and soil protection.

Europe's leading soil carbon platform expands supply chain services

Danish regenerative agriculture finance and technology company Agreena has supported farmers across 19 European countries in their transition of more than 2-million hectares of arable cropland to sustainable farming practices. Enhancing soil organic carbon stocks and connecting farmers to the voluntary carbon market, the company has been a pioneer in providing growers with a new income stream through carbon farming. Leveraging its technology stack, Agreena is now working to support companies to decarbonise across the agricultural value chain as they move towards their net zero targets.

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

Rethinking farming, food production and how we finance it

By Vincent Nobilet, Managing director, Agribusiness, Trade and Sustainable Commodity Finance at Societe Generale, Yannick Ouaknine, Global Head of Sustainability Research at Bernstein, and Eric Schoumsky, Head of Natural Capital Solutions at Societe Generale. To read the article, click [here](#).

Large-scale reforestation and agroecology project in Guatemala

The mountain range of Cerro San Gil, bordering Guatemala, Honduras, and Belize is a major water source and one of the most beautiful biodiversity treasures on the Caribbean coast. But this region has been severely threatened by the impact of human activities as rural communities are continually pushed further upslope and forced to search for arable land. Cattle ranching, slash-and-burn farming techniques and monoculture have exacerbated this problem by stripping the soil of its fertility. Implemented by local NGO Fundaeco, Livelihoods agroforestry project in Cerro San Gil is a large-scale reforestation and agroecology project to couple natural resources preservation and improved livelihoods for local Maya communities. Launched in 2014, the project aims for the plantation of a total of 4 million trees and plants of various species (citrus, coffee, cardamom, cocoa, mahogany, laurel, cedar, etc.) over 2,000 hectares of land. To learn more [here](#).

Why data is crucial in regenerative agriculture?

[Find out in this special report](#) how data is impacting regenerative agriculture and enabling agricultural chains to make the right decisions to restore ecosystems. This special report on regenerative agriculture was produced by My Easy Farm, a partner of the international "4 per 1000" Initiative.



How seaweed is helping farming face a new future

Acadian Plant Health™, a global leader in biostimulant technologies, brings effective and sustainable marine-derived solutions to farmers, contributing to regenerative agriculture by helping to improve the health of agricultural soils.

In Blue Horizons, a new branded series presented by the World Ocean Council and produced by BBC StoryWorks Commercial Productions, an article produced for Acadian Plant Health, explores how the ocean is connected with each and every one of our lives. Something as simple as seaweed can help shift global agriculture from being the world's largest driver of soil degradation to one of its greatest restorers.

To see the Blue Horizons series, click [here](#). To read the Acadian Plant Health™ press release, click [here](#).



Our Partners and Members act!

Gold Standard Foundation has just published "[Soil organic carbon Activity Module - Biostimulants for soil revitalisation](#)," developed in collaboration by Gaïago and South Pole, under Gold Standard's Soil Organic Carbon (SOC) Framework Methodology.

This is great news for farmers aiming to transition to regenerative agricultural practices, as this activity module helps quantify and monitor greenhouse gas emissions and soil organic carbon changes resulting from the application of biostimulant(s) for soil revitalisation in agricultural systems.

In addition, [Gaïago](#) and South Pole are registering the first Gold Standard regenerative agriculture project in Europe, applying the SOC Framework Methodology and the newly published activity module for biostimulants. The Gold Standard Foundation and the Gaïago company are respectively a Member and Partner of the international "4 per 1000" Initiative.

Kaoka company committed against deforestation

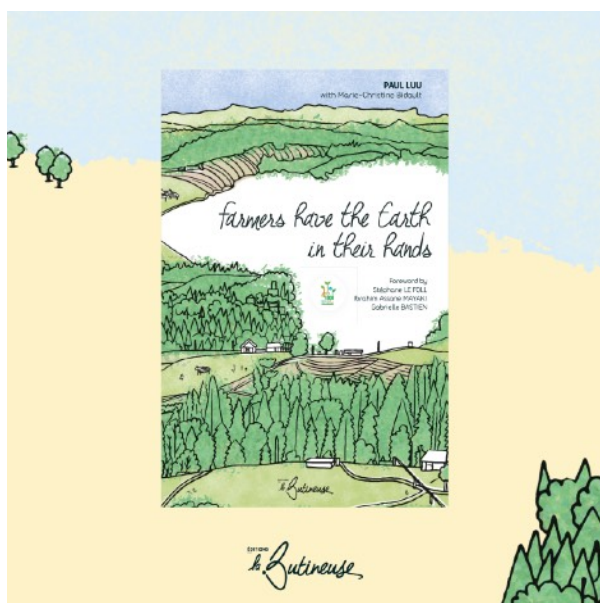
Today, forest preservation remains one of the most effective levers in the fight against climate change. As an early advocate of environmental issues, Kaoka has been working for several years against deforestation.

To guarantee that the cocoa in its chocolates is not responsible for deforestation, Kaoka has drawn up a stringent set of standards. Of course, these standards have been co-constructed with its producer organisations partners, with the support of agro-ecology research bodies. This document constitutes a system of guarantees which enables us to control various points throughout the cocoa production chain.

To learn out more 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](#).

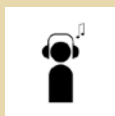
The ambition of this concise book, written for the general public, is to provide a simple and non-judgmental overview of today's agriculture and the solutions that will ensure the future of humanity on planet Earth. Starting from its scientific foundations and the history of its "r-evolutions", this 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.

This book is also available in French and Spanish versions.

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 by e-mail: [here](#).

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



Read ... Watch ... Listen ...



Restore season II: Films from the frontiers of hope

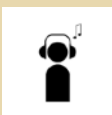
Our soil is degrading, droughts increasing and once fertile land turning into desert. But there are glimmers of hope: [watch this documentary series to explore seven places where people are reviving land, coasts and rivers](#). These are the seven new UN World Restoration Flagships.

The international "4 per 1000" Initiative is a partner of the UN Decade on Ecosystem Restoration.



Six Inches of Soil, a documentary feature film

The inspiring story of British farmers standing up against the industrial food system and transforming the way they produce food - to heal the soil, benefit our health and provide for local communities. Click [here](#) to watch.



A living soil - Season 4 Ep. 3 [Podcast]

The soil is the habitat of millions of living organisms, which are indicators and actors of its health. [In this third episode, go to the Brazilian Amazon to meet farmers who are restoring degraded land using agroforestry](#). Little by little, the plant cover returns and life in the soil is reborn. With Raphaël Marichal, ecologist at CIRAD and Livia Navegantes, professor of agronomy at the Federal University of Pará (Brazil).



Soil biodiversity: a practical guide to help farmers preserve it!

The French IUCN Committee, the AGIR NC association (Agroforesters for Resilience Initiatives) and the French Polynesia Department of Agriculture have published a practical guide in French, entitled "Boostez vos cultures" (Boost your crops) for farmers, as part of the PROTEGE program. [The guide](#) explains how to use mycorrhizae and soil micro-organisms to improve soil fertility and protect crops without resorting to synthetic products.



Activities related to the international "4 per 1000" Initiative

Soil Mission calls (work programme 2024)

The call for proposal on the Soil Mission work programme 2024 has been published. These calls include 9 topics for 13 projects and a total budget of 134.5 Million Euros. Topics included: soil health in Living Labs(LL), LL in urban areas, dynamic monitoring of soil erosion, systems to quantify nitrogen fluxes, pollinators and key ecosystem functions, soil biodiversity for healthy cropping systems, high spatial-resolution monitoring approaches for carbon farming, forest peatsoils, soil health in Africa. The calls will be presented in 25.4.24 in Soil Mission Info day. Calls will be open on 8.5.2024 with deadline: 8.10.24.

Calls can be found in [this document](#) (pages 268-299).





They have joined the international "4 per 1000" Initiative!

(between March and May 2024)

Civil society & non-profit organisations

MADE (Multi Dimensional Action for Development)
- Nepal. Find out more [here](#).

Global MapAid - Ethiopia. Find out more [here](#).

Farmers & Foresters organisations

COOPERATIVA LEMU - Chile. Find out more [here](#).

Commercial & for-profit organisations

HappyFarm Global Ltd - United Kingdom
Find out more [here](#).

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

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

829 Partners including 366 Members! (May 2024)

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](#)



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 [here](#).



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

@4p1000initiative // Please Suscribe / like / share



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4per1000 <https://www.instagram.com/4per1000/?igsh=MWg3dTFreXJvcHY3aw%3D%3D>

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**



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



<https://4p1000.org>



Any ideas, any suggestions...

For the next newsletter, please send us your information, your events, ... **no later than September 10, 2024.**

You can send an e-mail to socialmedia.admin@4p1000.org.