

Editorial



Dear Partners and Members,

As we write this editorial, our thoughts are with all those who suffer the consequences of conflicts around the world and who are forced into exile, even temporarily. Beyond the human disaster and the humanitarian crisis that strikes populations and the direct economic consequences, there are consequences that are not well evaluated. Agricultural soils subjected to warfare are compacted, damaged, polluted and degraded in many ways and will have difficulty recovering their full production capacity. This is particularly damaging when it comes to the best soils on the planet, such as the black soils or Chernosoils of Ukraine and Russia. In the short term, it is the 2022 harvests that are threatened, harvests or more precisely "non-harvests" that will have an impact on the food security not only of these countries, but also of the net grain importing countries. And what about the impact on climate change, as the whole world worries about the food crisis, and revives intensive agricultural production, considering soil health and carbon sequestration in the soil as secondary. We think of all our Ukrainian Members and Partners...

This new crisis must nevertheless encourage us to act more than ever for the restoration and regeneration of soils, in order to contribute to the fight against climate change, to improve food security, and to restore biodiversity. To do this, we are counting on you, who make up our ever-growing network, with 699 Partners to date, including 310 Members, and membership continues to grow. We are grateful for each new membership which reinforces the mobilisation of all types of actors and at all levels. Together we are stronger to act.

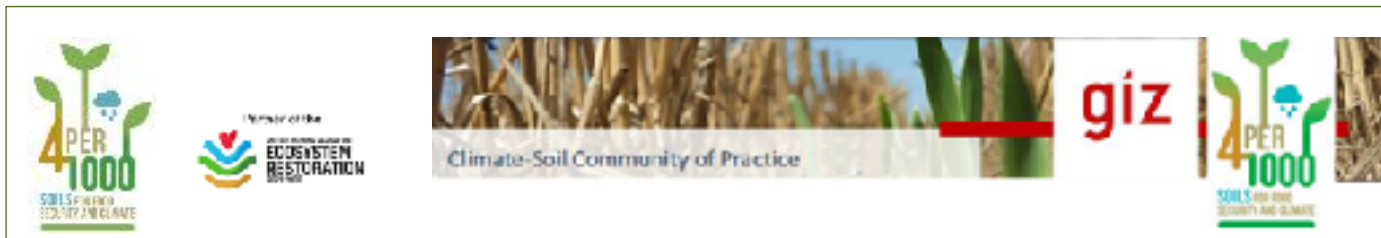
In this year 2022, on the basis of the document validated by the Consortium of Members in Glasgow last November, the Implementation Plan of the initiative, which is intended to implement the 2050 Strategic Plan in an operational way, will be proposed for validation in the coming weeks. The Board has already worked twice on the intermediate versions and is continuing this work in collaboration with the Executive Secretariat. This first quarter of 2022 has also seen the inauguration of our new website, which we hope will be better adapted to your expectations. Please do not hesitate to send us your remarks and comments.

Finally, we hope that 2022 will be the year of the resumption of the regional meetings, for the moment, the health situation allows us to anticipate a resumption perhaps at the end of the year or at the beginning of 2023. We are nevertheless preparing the 6th "4 per 1000" Day which should be held on 16 November, in Sharm El-Sheikh, if the conditions are right. We want to make 2022 the year of "Action for Soil Health", particularly in terms of the three major United Nations Conventions that came out of the Rio Conference in 1992, 30 years ago: Climate Change, Biodiversity and Desertification. To achieve this goal, to organise our "4 per 1000" Day in Egypt and to do all the things we plan to do this year, we need your support more than ever. Please contact Béatrice BRETON-ASKAR (beatrice.breton-askar@4p1000.org) to discuss the practicalities of your support. All support is welcome as there is no such thing as a small amount of support.

I would like to remind you, as I usually do, that this newsletter is yours and that you can send us the information you wish to share with our network (please use the following address: socialmedia.admin@4p1000.org).

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

Dr. Paul LUU, Executive Secretary



The Climate-Soil Community of Practice is jointly organized by the "4 per 1000" Initiative and the GIZ sector project on soil protection. It now comprises around 450 practitioners who exchange information on a regular basis. The aim is to foster collaboration between all those interested in or working with the climate potential of sustainable land management and soil-carbon sequestration, and to find tangible ways to improve and implement them. Events on specific topics are held regularly, and information like papers or success stories can be shared and, questions asked, on the community's electronic platform. All information and the possibility to register can be found [here](#).

The Climate-Soil Community of Practice, which is jointly organized by the international "4 per 1000" Initiative and the GIZ, applied for a side-event during UNCCD COP 15 in Abidjan in May 2022. The aim of the event is to highlight synergies between countries' SOC-related commitments to the three Rio Convention, as the integration of Land Degradation Neutrality (LDN) targets into Nationally Determined Contributions (NDCs) may unlock resources to achieve LDN targets while raising the ambition or increasing transparency of NDCs in the land use sector.

The virtual fair of the "4 per 1000" Initiative

The virtual fair of the "4 per 1000" Initiative took place for the first time last year. Numerous members opened virtual stands and used the opportunities to network and get to know each other. Since the fair was such a great success, it was decided to make it a permanent institution. All the partners, members and friends of the Initiative have the opportunity to present themselves and their work permanently on a stand page, which will facilitate collaboration amongst the members and finally the formation of alliances to work on specific objectives. During the EU green week, the virtual fair will turn into a lively meetings place, as participants will have the chance to present their projects and organizations during several thematic or regional events. Please have a look at the virtual fair [here](#).

Climate Resilient Agriculture in Africa: Sustainable technological and financial solutions
FOOD, AGRICULTURE AND LIVELIHOODS WEEK

ON FEBRUARY 22, 2022
10:00 - 2:00 GMT (GMT+4)
TERRA AUCTORUM - SUSTAINABILITY DISTRICT

PANEL 1 - MODERATED BY ZEPH GRIGG

- Dr. Zeph Grigg (Moderator)
- Dr. Paul Luu (Executive Secretary of the International "4 per 1000" Initiative)
- Dr. Mwanuzi Mwanuzi (Executive Director of Terra Auctorum)
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PANEL 2 - MODERATED BY MWANUZI MWANUZI

- Dr. Mwanuzi Mwanuzi (Moderator)
- Dr. Mwanuzi Mwanuzi (Executive Director of Terra Auctorum)
- Dr. Mwanuzi Mwanuzi (Executive Director of Terra Auctorum)
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PANEL 3 - MODERATED BY MWANUZI MWANUZI

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On February 22, 2022, the AAA Initiative organized an event titled "Climate Resilient Agriculture in Africa: Sustainable technological and financial solutions".

Paul Luu, Executive Secretary of the International "4 per 1000" Initiative participated in it.

This event is available by clicking [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



Paul Luu, Stéphane Le Foll, Pau Rocca

Signature of a 'Memorandum of Understanding' between the OIV (International Vine and Wine Office) and the International "4 per 1000" Initiative

On 6 April, a MoU* (Memorandum of Understanding) was officially signed between the OIV (International Office of Vine and Wine) and the international "4 per 1000" Initiative in the presence of Mr. Stéphane Le Foll, President of "4 per 1000", Mr. Paul Luu, Executive Secretary and Mr. Pau Rocca, Director General of the OIV, in their premises in Paris. The objective of this MoU is to strengthen cooperation between the two organisations and to identify areas of mutual interest, in particular to develop a better understanding of the relationship between soils and vines, etc.

Another MoU was signed on 18 February 2022 between the "4 per 1000" Initiative and the AAA (African Agriculture Adaptation to Climate Change) Initiative Foundation, based in Morocco. This MoU formalises years of joint exchange and work and will intend to jointly define and advance a shared agenda on soil health, soil carbon and agricultural innovations.

Contact person: beatrice.breton-askar@4p1000.org

*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)



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

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



Sadhguru & the «4 per 1000» Initiative in Paris Hôtel Meridien Etoile on 8 April 2022 17:30-19:30 CEST



To raise awareness about the disaster of soil depletion around the world, and to discuss the prospects of improving soil health, the international "4 per 1000" Initiative and the Conscious Planet - Save Soil Movement confirmed their partnership in a scientific and philosophical exchange, under the aegis of the Permanent Representation of India to UNESCO.

This philosophical and scientific exchange took place on Friday, April 8, 2022 in Paris.

Sadhguru, Founder of the [Isha Foundation](#) and the '[Conscious Planet - Save Soil Movement](#)' spoke with :

Paul Luu, Executive Secretary of the international "4 per 1000" Initiative,

Claire Chenu, Director of the [European EJP Soils Project](#), Special Ambassador for the International Year of Soils 2015, Researcher and Professor at AgroParisTech and Member of the Scientific and Technical Committee of the international "4 per 1000" Initiative, and

Jean-François Soussana, Vice President for International Affairs at [INRAE](#), [IPCC](#) Expert, and Member of the Scientific and Technical Committee of the international "4 per 1000" Initiative.

The following topics were discussed:

1. Reminder of the urgency of the situation: soils are disappearing and becoming poorer all over the world, because of human activities, even though they are the basis of 90% of our food and of all life on Earth.
2. The main principles of the biological functioning of a soil, a large part of which is still poorly understood by science.
3. The solutions inspired by nature to revitalize and regenerate the soil through agriculture are also solutions to fight against global warming and improve food security.

To watch the conference, click [here](#).





GFFA 2022

Global Forum for Food and Agriculture 2022


Hosted by the German Federal Ministry of Food and Agriculture (BMEL), the Global Forum for Food and Agriculture 2022 (GFFA) was held from January 24 to 28, 2022 in Germany.

The "4 per 1000" Initiative was involved in the organization of the expert panel [“Soil is a diamond – The importance of soil and its restoration”](#) which took place on January 25, and also participated.

The core concern of this panel is to raise awareness for the importance of soil health and its crosscutting effects on eco-system functioning and human wellbeing.

In the framework of **GFFA 2022**, Mr Cem Özdemir, German Minister of Agriculture organized the 14th Berlin Agriculture Ministers’ Conference, with the theme: "Sustainable Land Use: Food Security Starts with the Soil". **68 countries signed the Final Communiqué and thus share the objectives and ambition of the "4 per 1000" Initiative.**

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



Call for projects for formative evaluation by the Scientific and Technical Committee of the international "4 per 1000" Initiative

The 4th call for projects for formative evaluation by the Scientific and Technical Committee of the international "4 per 1000" Initiative opened on April 1st. The deadline for submitting projects is June 1st, 2022, 12:00 CET.

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

The third call for projects for formative evaluation was open from May 15 to July 18, 2021.

17 projects were received, 12 of which were complete. At the end of the selection process, four projects were selected as being in line with the objectives of the "4 per 1000" Initiative. The Scientific and Technical Committee and the Executive Secretary of the Initiative hope that these projects will be supported by appropriate funding from donors who share the Initiative's objectives. These projects are:

- PFA_30_2021_Nursery Demo Farm_MOZAMBIQUE: Namaita Central Food Security Nursery and Demonstration Farm (N.C.F.S.N.D.F.). Main aim is to promote agroecology/agroforestry farms with a cashew orchard at its core.
- PFA_35_2021_REGAGR _THE NETHERLANDS: Soil Heroes Foundation - Regenerative Agriculture Experience Field. The aim is to prove to farmers that adopting regenerative farming practices will solve their most pressing issues, among which is soil’s water retention capacity.
- PFA_40_2021_HELLERUD _NORWAY: Conventional to Carbon: Updating Hellerud Farm’s Paradigms (C.C.U.H.F.P). The project is the conversion of Hellerud Farm in Skjetten in Norway (30m NE of Oslo) from conventional grain and grass production to regenerative (carbon farming), with a focus on documentation and optimisation of the process to benefit others.
- PFA_41_2021_AZURA _MAROCCO: Compostage et valorisation des déchets agricoles dans la région de Souss-Massa à trois finalités: assurer une faible émission de système de production de la tomate dans les fermes AZURA pour adopter une approche d'économie circulaire et réhabiliter l'écosystème arganier (AZURA 4 ADAPTATION ATTENUATION, A4AA). The objective is to compost of annual waste which totals 83,000 tons.



**‘Farmers have the Earth in Their Hands’
The first book of the International "4 per 1000" Initiative by
‘Éditions La Butineuse’.**

You can pre-order the book, whose working title is "*Farmers have the Earth in Their Hands*", directly on the publisher's website by clicking [here](#) and promote it to your various audiences.

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.

To contact the Editions 'La Butineuse', click [here](#).



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

699 Partners including 310 Members! (March 2021)

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](#)



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



Governments and local authorities - They act!

Published research on soil carbon storage in Yamanashi, Japan

Member of the international "4 per 1000" Initiative, [Yamanashi Prefecture](#) is the number one producer of grapes and peaches in all of Japan. A study on soil carbon storage in Yamanashi was conducted by Kazutaka Naito (Yamanashi Prefectural Agritechnology Center).

The carbon content found in the biochar derived from branches pruned from peach trees and grape vines was approximately 4 per 1000 (0.4%) of the carbon content found in the soil of orchards in Yamanashi. The carbon storage technology that utilizes this biochar was found to increase soil carbon storage at the same rate (4 per 1000 or 0.4%), successfully contributing to the suppression of global warming. These findings are consistent with the theory that an annual increase of 0.4% of carbon in the soil can reduce atmospheric carbon dioxide to virtually zero.

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



Biochar in the making - Photo: Yamanashi Prefecture



Carbonisation test - Photo: Yamanashi Prefecture

Study "Transition(s) 2050, Decide now, Act 4 Climate" - ADEME

"We will not be able to achieve carbon neutrality in France without the contribution of the agricultural and food sector", underlined the experts from ADEME (French Agency for Ecological Transition) during a conference at the Salon de l'Agriculture in Paris on March 1. This is one of the conclusions of the study "Transition(s) 2050, Decide now, Act 4 Climate" led by ADEME.

The French Agency for Ecological Transition wished to bring to the debate four consistent and contrasting reference pathways to take France to carbon neutrality.

This unprecedented forward looking exercise is based on two years work, the involvement of about one hundred ADEME employees and regular discussions with a scientific committee and external partners and service providers, who are specialists in different fields. To learn more, please click [here](#).

ADEME (French Agency for Ecological Transition) and the start-up ChangeNOW organized in Angers (France) from March 27th to April 1st 2022, the 1st edition of the [Great ecological challenge](#) "Anticipating 2050 means acting now! In what environment will we live in 2050?".

ADEME has built four prospective scenarios to project us to 2050. They all lead to carbon neutrality but take different paths, each with its own logic, interests and limits. This unique event offered to the economic actors, public and private organizations, to clarify these prospective scenarios, to debate them and to project themselves concretely to allow us to build the path. To watch the Biodiversity and Agriculture conference, click [here](#) (in French).

Canada announces new international climate finance funding for nature-based solutions.

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

On March 22, 2022, the **Canada's Minister of Agriculture and Agri-Food, the Honourable Marie-Claude Bibeau, announced an investment of up to \$103,400 for the Organic Federation of Canada to enable a new collaboration that will promote sustainability and growth for Canada's organics industry.** To learn more, please click [here](#).

"4 questions to ..."**Mr Cem Özdemir****Federal Minister of Food and Agriculture of Germany**

Photo Bundesregierung Steffen Kugler

"I would like to thank the other members and partners of the "4 per 1000" Initiative for their commitment and contributions."

1/ Mr. Cem Özdemir, could you introduce yourself in a few words?

I have been the Federal Minister of Food and Agriculture in Germany since December 2021. Before that, I was active in domestic and European politics for many years. I have been a member of the German Green Party since 1981 and was party chair from 2008 to 2018. I have always focused on topics such as climate change mitigation, better environmental health and how to make our lives more sustainable.

2/ As German Minister of Agriculture, what are the main actions you take?

As German Minister of Food and Agriculture, I am dedicated to transforming our food systems towards the goal of sustainable development. I focus on food security, improving animal welfare and creating good prospects in our rural regions. I am also responsible for building strong and environmentally friendly agricultural, forestry and fisheries sectors. One of my main goals concerning climate action is to reduce greenhouse-gas emissions by 65 percent of 1990 levels by 2030. With regard to the land use sector, I am focusing on making the use of resources more efficient and, for example, promoting carbon storage in forests and soils.

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

The "4 per 1000" Initiative is one of the key players in promoting soil health and agro-ecological farming practices in order to meet the pressing challenges of soil degradation, food insecurity and climate change. Its extensive and diverse network holds great potential, as it enables all the different groups of stakeholders from around the world to join forces, to exchange knowledge and to take action on the ground.

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

As the topic of soil health is gaining momentum in the international debate, we as members and partners of "4 per 1000" should use the opportunity to actively advocate for soil health and carbon sequestration in the international fora that are due to take place in the coming months, especially the UNFCCC COP 27 (United Nations Framework Convention on Climate Change), the UNCCD COP15 (United Nations Convention to Combat Desertification) and UNCBD COP15 (Biodiversity Convention). Let's make sure we include agro-ecology in our decision-making regarding agricultural policies and invest in interdisciplinary research on soil health. In Germany, for example, we are currently doing a broad-based model project called [HumusPlus](#).

I would like to thank the other members and partners of the "4 per 1000" Initiative for their commitment and contributions. My ministry and I will continue to support the initiative's goals and we extend our hand to everyone willing to join the initiative's cause.

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).

MOOC "Soil and Climate: Issues, processes and strategies to protect and increase soil carbon stocks" - 2nd session - April 11 to May 22, 2022

At the end of this course, you will be able to show the central place of soils and their agricultural or forestry uses on the climate, and to support and develop forms of agriculture that can meet the challenges of climate change and security. food (from an operational point of view). This online course (French) is aimed at anyone who wants to improve their understanding of the role of agriculture and forestry in relation to climate. To learn more, click [here](#) (in French).

The United Nations Convention to Combat Desertification (UNCCD) - COP 15, will be held in Abidjan (Ivory Coast) from 9 to 20 May 2022. For more information, click [here](#).

6th European Agroforestry Conference, EURAF2022 – Nuoro (Sardinia), 16th-20th May 2022

Agroforestry for the Green Deal transition. Research and innovation towards the sustainable development of agriculture and forestry
More information, click [here](#).

ChangeNOW, the world's largest event for the Planet - May 19, 20 and 21, 2022 - Paris (and online), Grand Palais éphémère and Eiffel Tower
Information and ticketing [here](#).



Public funding bodies They act!

Call for projects - AFD

On the occasion of the 'European Union - African Union Summit' of February 17 and 18, 2022, the French Development Agency (AFD) launched a call for projects from civil society organizations for an amount of 8 million euros. to support the vegetable protein sectors in the countries of the Great Green Wall (GMV) with the aim of food security. Proposals are due April 18. To learn more, click [here](#) (in French).



International organisations They act!

Forest and landscape restoration and sustainable land management in the Sahel: the Food and Agriculture Organization of the United Nations (FAO) equips six rural communities in Burkina Faso and Niger.

These achievements are part of the implementation of the project "Forest and Landscape Restoration (FLR) and Sustainable Land Management (SLM) in the Sahel" funded by the French Global Environment Facility (FFEM). To learn more, click [here](#).

The Global Soil Organic Carbon Sequestration Potential Map (GSOCseq) has been launched!

Thanks to the submissions of national experts appointed by FAO members, it is now possible to identify the regions, soil types and farming systems with greater potential to increase Soil Organic Carbon (SOC) stocks. To learn more, click [here](#).

Making sandy soils agriculturally productive, land-case Makueni County, Kenya

Making sandy soils agriculturally productive land with financial support from [the Nordic Development Fund](#) through its Nordic Climate Facility. Jomo Kenyatta University of Agriculture and Technology (JKUAT), JKUAT Enterprises Ltd (JKUATES), The Alliance of Bioversity International and International Center for Tropical of Agriculture ([Alliance Bioversity-CIAT](#)), Swedish University of Agricultural Sciences (SLU), and SWRT Solutions LLC., have carried out a project to increase farm system resilience, crop production and carbon accumulation in sandy soils.

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

Crunching the numbers on the state of forests

[On International Day of Forests, Robert Nasi, CIFOR-ICRAF managing director, details a sustainable path forward.](#) Eliminating emissions from deforestation and increasing carbon removals by promoting agroforestry and landscape restoration could reduce global net emissions by 30 percent. CIFOR and ICRAF are CGIAR Research Centers.

[The International Organisation of Vine and Wine \(OIV\) is an intergovernmental organisation of a scientific and technical nature of recognised competence for its works concerning vines, wine, wine-based beverages, table grapes, raisins and other vine-based products.](#)

The OIV is a Member of the international "4 per 1000" Initiative.

Save the date!

“Biofunctool: soil health assessment indicators” training (in French) - From May 30 to June 1, 2022 - UMR ECO&SOLS in Montpellier (France).
The main objective of this training is to present and support participants in the implementation of Biofunctool® indicators to assess soil health in the field. More information [here](#).

EU Green Week 2022 - From 30 May to 5 June 2022. More information [here](#).

World living soils forum - June 1st & 2nd, 2022 - Arles-en-Provence (France)
Moët Hennessy launches the first edition of the World living soils forum "Mobilize and act for living soils". For more information and to register, click [here](#).

‘Neutrality’, the National Conference of the Voluntary Carbon Contribution - June 2, 2022

The Orygeen Institut and Everwood are organizing the 2nd edition of the National Conference of the Voluntary Carbon Contribution. The objective: to inform on the carbon contribution methods used in France and to share feedback from companies committed to fighting climate change - personalities, actors and recognized experts in the sector. The international « 4 per 1000 » Initiative is a partner of this event. Informations and registration [here](#).

The Scientific and Technical Committee of the International “4 per 1000” Initiative will meet on June 6 and 7, 2022 - Montpellier (France).

As part of the French Presidency of the European Union, an event co-organized by the Embassy of France in Washington DC, the Consulate General of France in Chicago and the international "4 per 1000" Initiative will be held in June 2022 in Washington DC (USA) and online (details to come [here](#)).



Farmers and foresters organisations They act!

Partner of the international "4 per 1000" Initiative, 'Green Rush Organic Farms' is a regenerative agriculture industrial hemp farming organization. 'Green Rush Organic Farms' also founded the NEXT-GEN FARMERS project, which trains communities and farmers across the United States of America on organic farming practices, the importance of soil health which is a critical component of food security and climate change. To learn more, click [here](#).

Based in Canada, 'Wild Child Generation' is an organization that provides regenerative permaculture consulting for both residential and commercial projects, focusing around driving transformative change and reversing the effects of climate issues. To learn more, click [here](#).

Partner of the international "4 per 1000" Initiative, Sigfito Agroenvases SL is a non-profit company based in Madrid (Spain) which was created with the aim of organizing a collection system for agricultural containers to give them a treatment correct environment. For more information, click [here](#) (in Spanish).



Research and training bodies They act!

[After their presentation to the Scientific and Technical Council and to the Steering Committee, the first results of the “4 per 1000” Overseas Study were summarized in the intermediate report validated by ADEME and published in February.](#) This progress report comes 15 months after the start of the study. It takes stock of the activities carried out, presents the 1st results on the biophysical dimension of carbon storage in overseas soils and presents the work prospects for the next 14 months. You can also find information on the '[Sharing knowledge on carbon sequestration in overseas soils](#)' stand of the Virtual Fair of the "4 per 1000" Initiative.

African and French institutions partner up through TSARA, a research plan for food and agricultural systems

On the occasion of the 2022 Paris International Agricultural Show, CIRAD, INRAE and their African partners launched the TSARA initiative - Transforming food systems and agriculture through research in partnership with Africa. TSARA aims to face major challenges in the fields of agriculture, food and the environment in a context of climate change. To learn more, click [here](#).

Save the date!

8th International Symposium on Soil Organic Matter - Seoul, Korea - June 26-30, 2022

The theme proposed in Seoul in the context of an unprecedented environmental and climatic crisis is of major importance for our community and the scientific community in general. For more information, click [here](#).

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. More informations [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, please click [here](#).

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](#).

The United Nations Convention on Biological Diversity (UNCBD) - COP 15 (2nd part) will be held in Kunming (China) in the third quarter of 2022 (dates to be confirmed).

More information, click [here](#).



Research and training bodies They act!

Because of its multiple co-benefits, soil organic carbon is at the crossroads of several Sustainable Development Goals and the United Nations Conventions on Climate, Biodiversity and Desertification.

The DATA4C+ project is focussed on interoperability of databases on soil carbon. DATA4C+ is coordinated by CIRAD, conducted in partnership with INRAe and IRD, and receives financial support from the French Research Agency. The DATA4C+ project aims to :

- Define good practice rules for describing the data contained in soil carbon databases and providing them in a homogeneous manner
- Analyze the computer and legal issues to interoperability between soil carbon databases and soil management methods in order to design solutions to alleviate them
- Experiment the implementation of the methodological solutions formulated by the project in a French overseas department
- Share and disseminate internationally on the project.

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

'PedaVita OZ' is a Slovak non-profit research and development organization, which cooperates with universities and state-funded research institutions, develops in particular products to support the soil microbiome on a natural basis, raises awareness about the importance of the microbiome for soil formation, soil water retention, water purification, nutrient formation and retention, atmospheric carbon sequestration in soil. 'PedaVita OZ' offers educational activities aimed at professionals, the general public and children. To learn more, click [here](#).

Created in 1934, the French Association for Soil Studies (Afes) is the French branch of the International Union of Soil Science (IUSS) which brings together the world's soil scientific community. It has also been part of the Global Soil Partnership since September 2020, and is a Partner of the international "4 per 1000" Initiative.

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



Save the date!

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 - From 7 to 18 November 2022 - Sharm El-Sheikh (Egypt).

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

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](#).

ISRCococa2022 | 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 events [here](#).



Civil Society, associations, NGO They act!

Bareebo is a local Cambodian NGO doing community development and climate change mitigation work in Banan District, Battambang Province, Cambodia. Bareebo realizes the following projects: rooftop rainwater harvesting, homescale biological-sand-water filters, organic agriculture, community bank, an organic market selling farmers organic products, an organic community farm, and Bareebo assisted the communities it works with to form a farmer cooperative in 2020. To learn more, please click [here](#).

Regeneration International launches the 'Billion Agave' project.

The 'Billion Agave' Project is a game-changing ecosystem-regeneration strategy recently adopted by several innovative Mexican farms in the high-desert region of Guanajuato. This strategy combines the growing of agave plants and nitrogen-fixing companion treespecies (such as mesquite), with holistic rotational grazing of livestock. The result is a high-biomass, high forage-yielding system that works well even on degraded, semi-arid lands. To learn more, click [here](#).

Rural Reconstruction and Development Society (RRDS) is a voluntary organization started by a group of likeminded social workers in the year 1991 **to reach out to the poor and marginal farmers in the remote parts of rural areas of Nellore District, Andhra Pradesh (India).** RRDS works irrespective of caste, creed, color, religion and sex. To learn more, please click [here](#).

Based in Beijing, China, the China Biodiversity Conservation and Green Development Foundation (CBCGDF) is a Member of the international "4 per 1000" Initiative. CBCGDF carries out many projects. To learn more, click [here](#).

Business readiness to step up action on nature – trends & insights on corporate reporting

WBCSD undertook a baseline analysis with the aim of providing insights into how a subset of 55 members who are already active with respect to nature are currently performing related to the nature-positive "building blocks". Real examples also serve to guide other businesses as they identify and take the next steps on their nature-positive journey. To learn more and download the white paper, click [here](#).

How to Manage the Global Land Squeeze? Produce, Protect, Reduce, Restore

[The 'World Resources Institute' shares a new blog analyzing how we manage the global land squeeze to produce, protect, reduce, and restore.](#)

The 'World Resources Institute' shares a four-part approach that aims to address growing demand for land in a manner that is good for people, planet and prosperity for all.

Based in the United States, the NGO Global Wellbeing Institute (GWI) envisions a world in which all people - present and future - have the opportunity to thrive. GWI's mission is to empower changemakers to create wellness so that we can all live well on this planet. Partner of the international "4 per 1000" Initiative, GWI has developed several initiatives. To learn more, click [here](#).



Private companies - They act!

"Regenerative agriculture: what financing mechanisms can trigger the transition?"

Our planet is at the heart of an unprecedented climate crisis. Agriculture, when it is regenerative, can become a positive solution to environmental issues, while ensuring our food security.

Farmers cannot undertake this transition alone. Financial actors, as well as all stakeholders in agricultural value chains, must join forces to provide financing solutions to make this happen. On February 22, **AXA and AXA Climate organized a webinar "Regenerative agriculture: what financing mechanisms can trigger the transition?"** with the participation of Paul Luu, Executive Secretary of the international "4 per 1000" Initiative. To view the event, click [here](#) (in French).

In January 2022, AXA Climate joined the "4 per 1000" Initiative as a Partner.

The French company GENESIS ([Greenback](#)) measures the impact of agricultural practices on the soil with a tool for assessing and monitoring soils to improve their condition, yield and resistance to risks, designed by its engineers. To guarantee the independence of its rating and strengthen its reliability, GENESIS relies on the skills of Land Experts by signing a partnership with the Confederation of Land Experts. This partnership covers the deployment of sampling on a national scale and the implementation of soil health diagnoses for agricultural land.

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

Nestlé France and the French Livestock Institute (IDELE), respectively a Partner and a Member of the International "4 per 1000" Initiative, have signed a partnership to deploy the "Low Carbon Dairy Farm" approach, supported by the dairy interprofessional organization (Cniel), among the Group's milk producers and suppliers in France. This approach is part of Nestlé's overall strategy to reduce greenhouse gas emissions across all of its activities to reach zero net emissions by 2050. For more information, click [here](#) (in French).

A family business since 1974, **the Brioche Pasquier group** specializes in the industrial production of pastries, cakes and dry bread products. The company also has a production and sales unit for animal feed.

Supporting the agricultural Transition towards an agro-ecological model is one of the company's strategic priorities, and it has committed to a sustainable approach to its supplies and, since 2019, has been developing an agro-ecological wheat supply chain with one of its historical suppliers.

The Brioche Pasquier group has joined the international "4 per 1000" Initiative as a Partner and is a founding member of the association 'Pour Une Agriculture du Vivant' since 2018.

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

Novasol Experts, the start-up that deciphers soil biodiversity

Partner of the international "4 per 1000" Initiative, the start-up [Novasol Experts](#) supports field actors and soil users in their efforts to characterize and manage urban and rural systems in a sustainable way, based on an evaluation of the ecological quality of soils. Novasol Experts has many links with INRAE. To learn more and read the interview of Charles Guillard, president of Novasol Experts, by INRAE, click [here](#) (in French).

Save the date!

"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, Russia, France, Belgium, Netherlands, Luxemburg, Germany, Austria, Czech Republic, Slovakia, Hungary, Romania, Poland, Ireland, United Kingdom, Switzerland, and Ukraine.

More informations [here](#).



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To see ...

Agroforestry | Paula Costa & Valter Ziantoni | TEDxCampinas - February 17, 2022

Passionate about forests, Paula Costa and Valter Ziantoni from the Brazilian company PRETATERRA, a Partner of the international "4 per 1000" Initiative, participated in a TEDx on agroforestry.

Paula Costa is a specialist in agroforestry systems and silviculture of native and exotic species. Specialist in management and agroforestry, Valter Ziantoni has been working for more than 15 years in agroforestry projects.

To watch the TEDx, click [here](#).

Asmeret Asefaw Berhe: How can soil's superpowers help us fight climate change? - TED Radio - March 11, 2022

Earth's soil can store vast amounts of carbon. Biogeochemist Asmeret Asefaw Berhe says soil could be a powerful tool for fighting climate change - if only we stopped treating it like dirt. To watch, please click [here](#).

Green week | Agroecology and soil health (in French) - Radio Canada - November 2021

95% of our food comes from the soil, but with the intensification of agriculture, the planet's arable land is degrading at an alarming rate. Farmers, scientists and even large multinationals are now taking an interest in soil health and trying to reverse this trend. In the background, there is a conviction: we must nourish the soil, rather than the plant. And that requires a complete change of vision and practices. To watch, click [here](#).

Green week | Soil, a living environment (in French) - Radio Canada - November 2021

Soil is teeming with life. In a spoonful of earth, there are more living organisms than there are humans on the planet! But all of these little creatures are challenged by modern farming practices, such as the overuse of fertilizers and pesticides. How to do things differently? Farmers take inspiration from nature and keep their soil covered at all times to nurture the microbial life in their fields. To watch, click [here](#).



They joined us!

Farmers & Foresters organisations

Green Rush Organic Farms - Etats-Unis

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

Wild Child Generation - Canada

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

Research and training bodies

PedaVita OZ - Slovakia

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

Civil society & non-profit organisations

Centre d'Encadrement et d'Appui en Faveur des Personnes Démunies - Democratic Republic of Congo.

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

China Biodiversity Conservation and Green Development Foundation (CBCGDF) - China

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

Rural Reconstruction and Development Society - India.

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

Sepenya association - France

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

Private companies

AXA Climate - France

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

Private companies

European Federation for Agricultural Recycling - France. To learn more, please click [here](#).

Grupo Avinea SA - Argentine

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

GTSD Holding - France

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

Horizom - France

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

IEVA Group - France

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

NetCarbon - France

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

PASQUIER SA - France

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

Pierre Fabre Agronomie - France

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

TexasRealFood Inc. - United States of America

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

Yuime Inc. - Japan

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

Živá Záhrada s.r.o., r.s.p. - Slovakia

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



www.4p1000.org

Any ideas, any suggestions...

For the next newsletter, please send us your information, your events,... **no later than June 10, 2021**. You can send an e-mail to socialmedia.admin@4p1000.org.