



Editorial

#13

July 2021

Dear Partners and Members,

The first six months of 2021 have just come to an end, and as expected, the preparatory meetings for the major meetings of the second half of the year (UN Summit on Food Systems, COP 15 of the Biodiversity Convention and COP 26 of the Climate Change Convention) have been taking place at a fast pace. In this context, important and significant milestones have been reached, notably through the "[White Paper/Wiphala on Indigenous Peoples' Food Systems](#)" and the "[Policy Recommendations - Agroecological and Other Innovative Approaches to Sustainable Agriculture and Food Systems for Improved Food Security and Nutrition](#)" of the Committee on Food Security, both published by FAO. Not surprisingly, the first reminds us of the vital role played by indigenous peoples in preserving the environment (particularly biodiversity, land and water) and in developing, based on ancestral knowledge, good practices for the sustainable management of natural resources, including land, for the benefit of their food systems. The second underlines, if need be, the necessary relevance of the agro-ecological approach, which is both rooted in the traditional know-how of local populations but also perfectly innovative in many respects for our modern societies, in order to rethink our modes of production and our food. These are positive signals that can give a new impetus to act at the grassroots level in search of concrete results, without necessarily looking back, but drawing on traditional achievements to see further ahead and redesign our future, that of our agriculture and food systems.

This is likely to be one of the key themes of our **5th "4 per 1000" Initiative Day**, which should be held face-to-face (but not forgetting to facilitate virtual participation for those who cannot travel) on Scottish soil in Glasgow on 10 November, if the situation on the pandemic front continues to improve. We sincerely hope that you, **our 644 partners, including 289 members**, will be able to take part in this moment of exchange and discussion, under the presidency of Mr Stéphane LE FOLL, but also under the vice-presidency of Mrs Gabrielle BASTIEN, elected on 31 March by the Consortium of Members against four other candidates who did not lose out, and of Mr Ibrahim MAYAKI.

Our President and our two Vice-Presidents who did us the honour, in the presence of Mrs Catherine GESLAIN-LANEELE, Director Life 3 at the Secretariat General of the Council of Europe, to officially open, on 3 May, the Virtual Fair of the "4 for 1000" Initiative within the framework of the European Union's Green Week, of which we are a partner. This virtual fair, which ended on 11 June, culminated on 5 June with a "world restoration tour" for the official launch of the United Nations Decade for Ecosystem Restoration, organised by Béatrice BRETON-ASKAR, and brought together no less than 120 exhibitors on our collaborative platform. The success of this event led us to decide to perpetuate this mode of presentation beyond the end of Green Week, and even to encourage all our partners and members who have not yet done so to open a stand to share their experiences, but also to visit the stands already open. Julia KLEMME, Joachim GAINARD and especially Marc BERNARD were the tireless artisans of this event and remain at your disposal to help you open your stand. May all those who contributed to the success of the fair and its events be warmly thanked. Of course, all the videos of the events that marked this first edition of the "4 per 1000" virtual fair (the inauguration on 3 May, the "Restoration World Tour" on 1st June and the conclusion and summary meeting on 11 June 2021) are online on [our YouTube channel](#).

Thank you for your messages of support, particularly on our social networks, especially since the adoption of our Strategic Plan to 2050. You know that this support is precious to us and that the **Executive Secretariat is constantly looking for human and financial resources** to operate and continue its work. Please continue to spread the word about the Initiative and do not hesitate to ask us to study with Béatrice BRETON-ASKAR (beatrice.breton-askar@4p1000.org) the practicalities of this support if you can, whatever the form and the level, because there is no small contribution.

Finally, don't forget that **this newsletter is yours**, and that your proposals, information and "save-the-date" for your events have a full place in it. Please contact the following address: socialmedia.admin@4p1000.org. The same goes for our social networks which are fully open to you: FaceBook, Twitter, LinkedIn, and our YouTube channel.

While waiting for a gradual and confirmed return to normalcy, take care of yourself, your loved ones and always our soils.

Dr. Paul LUU, Executive Secretary



11th Scientific and Technical Committee meeting of the international "4 per 1000" Initiative

In the scientific field, the 11th meeting of the Scientific and Technical Committee of the "4 per 1000" Initiative was organized virtually on June 16 and 17, 2021. The meeting took place in seven sessions.

Session 1 was about scientific papers. In 2021, a special issue will be published in the international journal "Regional Environmental Change" (Springer Nature, impact factor 3.1) with the title "Sustainable management practices to increase carbon sequestration in the soil: what are their contributions to the mitigation of climate change, adaptation and food security in different ecosystems and regions of the world". The special issue will be divided into five sections from different regions of the world (America, Asia, Europe, Africa and Oceania). The publication of other papers related to Covid-19 pandemic and Regenerative Agriculture were also discussed. A revised version of the reference document of criteria and indicators of the "4 per 1000" Initiative was presented by the ad hoc working group. Rene Zamora-Cristales (World Resources Institute) made a presentation of the 'AURORA' tool for calculating the restoration index.

Session 2 dealt with the formative assessment of projects. The third call was launched on May 15, 2021 and the deadline will be in July 15, 2021 (more information [here](#)). The end of the call is scheduled for the end of 2021. The relations with funders established in the last months were presented.

During **Session 3** the involvement of the Initiative in different high-level actions was discussed. Different presentations were given on IRC on soil carbon sequestration in agriculture, SOCCROP soil indicator Project, EJP Soil Project, GSP meetings and the index of regeneration.

During **Session 4**, the Strategic Plan of the "4 per 1000" Initiative, the involvement of the Scientific and Technical Committee in the Task-Forces and in the Delphi study were discussed.

Last sessions were on the governance and outreach of the Initiative and the action plan for the next period.



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

644 Partners and Members! (Juin 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](#)



"4 per 1000" Virtual Fair EU Green Week

As part of the European Union's Green Week, the international "4 per 1000" Initiative organized a Virtual Fair from May 3 to June 13, 2021 on the theme "Reducing Air Pollution and Greenhouse Gases by Improving Soil Health!".

More than 120 organizations participated in the "4 per 1000" Initiative Virtual Fair!

This event, which will remain online in the coming months, allowed Partners and Members of the Initiative to create a stand to present their activities and projects, to share information, to connect and to exchange with other exhibitors or visitors. .

Three important moments punctuated the Virtual Fair of the International "4 per 1000" Initiative:

- **The Official Opening on May 3, 2021** in the presence of Catherine Geslain-Lanéelle, Director Life 3 at the General Secretariat of the Council of the European Union, Stéphane Le Foll, President of the International "4 per 1000" Initiative, Dr. Ibrahim Mayaki, Vice-President of the "4 per 1000" Initiative, Executive Secretary of NEPAD, and Gabrielle Bastien, Vice-President of the "4 per 1000" Initiative, Founder and Co-Director of Regeneration Canada. To watch the official opening of the Virtual Fair, click [here](#).

- On June 1, 2021, in partnership with [the United Nations Decade for the Restoration of Ecosystems 2021-2030](#), the event "**A world tour of restoration from the virtual Fair" 4 per 1000 "**", presented the diversity of the work and solutions of Members, Partners and friends of the International "4 per 1000" Initiative. With:

Ms. Béatrice Breton-Askar, Resource Mobilization Senior Officer at the Executive Secretariat of the "4 per 1000" Initiative (Moderator)
 Mr. Marc Bernard, Network and Global Facilities Coordinator at the Executive Secretariat of the "4 per 1000" Initiative
 Mr. Antonious Petro, Co-Director at Regeneration Canada
 Ms. Paula Ponteli Fernandes Costa and Mr. Valter Ziantoni, Founders at PretaTerra
 Ms. Hélène Chambaut, Environmental Engineer at IDELE
 Mr. Patrick Kaka, Director and Mr. Marcel Tshikuta Mulombo, Program Manager at GIERI
 Mr. Joseph Chipimpha Mughogho, Program Manager at Simpson Foundation
 Dr. Nandini Joshi, Senior Research Officer at BAIF Development Research Foundation
 Ms. Josephine Wen Ning Chen, Chairman of HomelandGreen Limited
 And Dr. Paul Luu, Executive Secretary of the "4 per 1000" Initiative.

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

- The closing and review meeting was held on June 11, 2021. For more information, click [here](#).

The Fair remains active. You can always use [the event and the page to introduce yourself and your work, to show what you do](#) (section: request a stand).

For information ...

Le On April 28, the European Parliament adopted a Resolution on soil protection.

To learn more, click [here](#). The European Parliament is not a partner of the International "4 per 1000" Initiative.

Global Applications of Soil Erosion Modelling Tracker (GASEMT)

[The GASEMT database of the European Soil Data Center \(ESDAC\)](#) provides comprehensive insights into the state-of-the-art of soil erosion models and model applications worldwide. This database intends to support the upcoming country-based United Nations global soil-erosion assessment in addition to helping to inform soil erosion research priorities by building a foundation for future targeted, in-depth analyses. GASEMT is an open-source database available to the entire user-community. GASEMT is a result of reviewing 8471 scientific articles, selecting 3030 records and extracting 49 fields relevant to modelling. It is a collective effort of 67 soil-erosion modelers from 25 countries. The European Commission is not a partner of the International "4 per 1000" Initiative.



On May 27th, **Paul Luu, Executive Secretary of the International "4 per 1000" Initiative**, was interviewed about carbon sequestration in soils at the global digital event organized by [ChangeNOW](#). The next day, **Stéphane Le Foll, President of the "4 per 1000" Initiative** gave an interview about the documentary "[Kiss The Ground](#)".



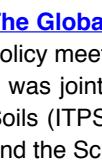
Co-organized by '[Pour Une Agriculture du Vivant](#)', '[Ver de Terre Production](#)' and '[Arbre et Paysage 66'](#), in partnership with the International Initiative "4 per 1000", the Mediterranean Basin Agroecology Meetings were held from 20 to 23 May 2021 in Elne (France).

Paul Luu, Executive Secretary of the International Initiative "4 per 1000", presented an **assessment and the perspectives of "4 per 1000"** 5 years after its launch.

To learn more and watch the presentations, click [here](#) (in French).



In the end of April, [GIZ Sectoral Project Soil Protection](#) together with [the international "4 per 1000" Initiative](#) organized a **Workshop on Monitoring climate benefits of sustainable land management with a focus on Soil Organic Carbon** under the cover of the Climate-Soil Community of Practice (CoP). This workshop consisted of 3 sessions, put special attention to different methodological approaches including remote sensing, farmer-led monitoring in the field, monitoring and upscaling of soil organic carbon with a stratification approach, as well as institutional challenges in applying them. Please find out more about the Community of Practices and the last event [here](#).



[The Global Symposium on Soil Biodiversity \(GSOBI21\), 'Keep soil alive, protect soil biodiversity'](#) will be a science-policy meeting, was held virtually from April 19 to 22, 2021. It was jointly organized by the UN FAO and its Global Soil Partnership (GSP), the Intergovernmental Technical Panel on Soils (ITPS), together with the UN Convention on Biological Diversity (CBD), the Global Soil Biodiversity Initiative (GSBI) and the Science-Policy Interface of the United Nations Convention to Combat Desertification (SPI UNCCD). Check out the full list of publication [here](#).



The journal 'Frontiers in Soil Science' launches a new section "[Soil Organic Matter Dynamics and Carbon Sequestration](#)". The Editorial Board is composed in particular of Cornelia Rumpel (CNRS), President of the Scientific and Technical Committee of the International "4 per 1000" Initiative, Lydie Stella-Koutika (CRDPI), member of the Scientific and Technical Committee of the Initiative, Rémi Cardinael (INRA Montpellier), Julien Demenois (Cirad)...

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

"4 questions to ..."

Gabrielle Bastien
Vice President of the international
"4 per 1000" Initiative

"In order to bring about real systemic change in the way our lands are managed, it is essential to address issues of social justice and racial equity in order to ensure the inclusion of marginalised people in this movement."



1/ Gabrielle Bastien, could you introduce yourself in a few words?

I am the founder and co-director of [Regeneration Canada](#), a non-profit organization dedicated to promoting soil regeneration in Canada to mitigate climate change and support healthy agri-food systems. With a multi-stakeholder approach, we are dedicated to informing, connecting, and mobilizing diverse stakeholders to play their part in contributing to soil health. Our [Living Soils Symposium](#) and our [interactive map of regenerating farms in Canada](#) are some of our best-known initiatives, as well as our many educational and outreach activities.

2/ As Vice President of the international "4 per 1000" Initiative, what are the main actions you take?

As Vice President of the "4 per 1000" Initiative, I act as an ambassador for the Initiative to a wide range of stakeholders, particularly in North America but also around the world. I am determined to help attract new members to the Initiative's network, mobilize more organizations to contribute to the cause and develop new partnerships. My role also involves providing support and advice on the strategic directions of "4 per 1000", as well as facilitating International and regional meetings. In other words, I ensure the smooth running of the Initiative and contribute to its outreach.

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

The International "4 per 1000" Initiative is, in my opinion, a major player in the expansion of the soil regeneration movement as a solution to climate change on a global scale. Its ability to popularise a little-known scientific concept through its name has, in my opinion, helped make the concept of soil carbon sequestration accessible to a variety of audiences. Then, its ability to bring together a large number of diverse stakeholders provides excellent opportunities for mobilisation and exchange, which are necessary for the advancement of knowledge and action. On a personal level, it is also an organization that has played an important role in my journey in this movement. All in all, I see "4 per 1000" as having the potential to continue to play a major role in ensuring that our soils contribute to the climate solution as well as to food security.

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

In order to bring about real systemic change in the way our lands are managed, it is essential to address issues of social justice and racial equity in order to ensure the inclusion of marginalised people in this movement. A lot of groundwork needs to be done here, as the current system discriminates against many people who have little or no access to resources and land. My message is therefore an invitation to Members and Partners to seek diversity, equity and inclusion in their organisational model, since this movement must be accessible to all to generate real change. I extend my gratitude to all of you for your dedication to this important work. We all have an important role to play and by working together we will get there!

Save the date!

"Understanding the Amazon" - Free online event from July 19 to 22, 2021

The Brazilian Federation of Direct Seeding (FEBRAPDP) in collaboration with the company Agri-REX, is organizing an event that will help to recognize the complexity of the Amazon and will allow to broaden discussions on its preservation.

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

All conferences will be pre-recorded and translated into several languages.

The Soil at Risk symposium - June, 30, 2021 - Online event.

The symposium invites researchers, farmers, businesses and decision-makers to answer vital questions together: How do we safeguard the soil for future generations? What kind of cultivation practices for soil regeneration are needed?

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

MOOC "Soil and Climate: Issues, processes and strategies to protect and increase soil carbon stocks" - May 10 / July 20, 2021

The aim of the MOOC is to illustrate the central role of soils and the impacts of their agricultural or forestry uses on the climate.

From an operational standpoint, its objective is to equip rural and forestry actors to support and develop forms of agriculture that can meet the challenges of climate change and food security. This online course (in English and French) is aimed at anyone who wants to improve their understanding of the role of agriculture and forestry in relation to climate.

It lasts 6 weeks and [registrations are open until July 7, 2021](#).



Governments and local authorities They act!

Mr McConalogue, Irish Minister for Agriculture, Food and the Sea, launches €10 million Soil Sampling and Analysis Programme.

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

On April 30, Mr. Julien Denormandie, French Minister of Agriculture and Food, announced the financing of carbon assessments for French farmers who wish to do so, as part of the France Relance plan.

Endowed with 10 million euros from the France Relance plan, the "Good Carbon Diagnosis" system is now available to all farmers who have been established for less than 5 years. Agriculture, and primarily agricultural soils, is a major carbon sink. This is why France Relance offers each newly settled farmer the opportunity to build an adapted carbon strategy; generating environmental value and offering proposals for creating economic value. To learn more, click [here](#) (in French).

The Canadian government is making agriculture one of the pillars of its climate commitment. To learn more, please click [here](#).

"What better way to help farmers grow more produce than to set up modern and efficient soil laboratories around the country?"

On June 2, on the occasion of the 70th anniversary celebration of the Bureau of Soils and Water Management (BSWM), [the Philippine Department of Agriculture Secretary William Dar, ordered the establishment of national laboratories and regional soils through the National Soil Health Program](#) (P523.575-million funding).

The National Soil Health Program, which will be implemented from 2021 to 2023 by the BSWM, aims to institutionalize the national soil monitoring and rejuvenation program. It also intends to establish soil health monitoring through mobile soil laboratories, strengthen partnerships with various stakeholders, and initiate production and improvement in soil analysis.



International organisations They act!

'How to recycle organics and to feed our soils? A compost journey across Europe!'

[European Compost Organisation \(ECN\)](#) celebrated International Compost Awareness Week (ICAW) with an online event on May 5th with a composting journey through Europe.

ECN showed how organic materials are recycled and used as compost in agriculture, viticulture and gardening from Norway to Greece from Portugal to Romania.

For more information, click [here](#). To watch the video of the event, click [here](#).

Save the date!

The United Nations Pre-Summit on Food Systems will take place on July 26-27, 2021.

More information by clicking [here](#).

The Soil Health Institute's 6th Annual Virtual Meeting will be held online on August 11-12.

Sessions will feature leading soil scientists and agricultural experts discussing today's most pressing issues in soil science and their benefits to farmers and the environment. For more details and to register for free, click [here](#).

Eurosoil 2020: Connecting people and soil - From 23 to 27 august 2021 - Online event.

The "4 per 1000" Initiative will co-organize with Desertnet International a session titled "The "Agricultural fields - Opportunities and limits of carbon and water storage" featuring oral and poster presentations.

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

The International Union for Conservation of Nature (IUCN) and the French government have agreed to hold the IUCN World Conservation Congress 2020 from 3 to 11 September 2021, virtually and in Marseille (France).

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

Global Symposium on Salt-Affected Soils - October 27 to 29, 2021 Tashkent (Uzbekistan).

FAO, the Global Soil Partnership and its Intergovernmental Technical Panel on Soils (ITPS) together with the Republic of Uzbekistan, will be organizing the Global Symposium on Salt-Affected Soils.

More information [here](#).

The UN Biodiversity Conference (COP 15) - October 11 to 24, 2021, in China.

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



International organisations They act!

Virtual tour of the Alliance Bioversity International - CIAT Genebanks
Watch this [video](#) to learn what goes on behind the scenes to conserve of some of the world's most diverse collections of beans, cassava, forages and bananas.

Earth is our spaceship and we are its crew

FAO's new Goodwill Ambassador, [astronaut Thomas Pesquet, calls us to act against climate change](#).

FAO and the European Space Agency unite to support countries in achieving the SDGs

A new Memorandum of Understanding enhances the use of Earth observation data for food and agriculture statistics. To learn more, please click [here](#).

Africa's soils are under threat with 40% under degradation, especially due to soil erosion, soil nutrient depletion, soil organic matter decline as well as soil biodiversity loss. The "Boosting Africa's Soils" booklet reaffirms that agriculture should remain high on the development agenda in Africa and the need for a paradigm shift in the way Africa's soils are managed. To read the booklet produced by the FAO, click [here](#).

Do you know that it can take up to 1,000 years to produce just 2-3 cm of soil? Soil erosion poses a very real threat to global food security. Find out more about the effects of soil erosion and the ways we can prevent it in [the video "Stop soil erosion, keep soil where it belongs!"](#).

Understand more about the role of Soil in Carbon Cycling, and discover how soils contribute to the fight against climate change in this infographic proposed by FAO.

On April 29, **The Global Environment Facility** brought together partner agencies and climate experts to discuss ways to increase collective ambition related to climate change adaptation.

"*Climate change adaptation is a rapidly evolving field, and we are continuously seeking to establish good practices to enhance adaptation impact*", said David Fonseca, the GEF director of programs.

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



Private funding bodies They act!

On April 22, 2021, Earth Day, [HSH Prince Albert II of Monaco called for a collective mobilisation for the protection of the environment](#), hoping that each and every one of us will become fully aware that Humanity and Earth are inextricably linked.



Farmers and foresters organisations. They act!

Soil protection action in the framework of the "4 per 1000" Initiative, this is the theme proposed by ['Demain la Terre - Tomorrow the Earth'](#) on the occasion of the Virtual Fair of the "4 per 1000" Initiative. To learn more, click [here](#).

The National Association of Conservation Agriculture of Mexico (ANAC) participated in the Virtual Fair of the International "4 per 1000" Initiative. To visit their stand on the topic of Soil Conservation, click [here](#).

Member of the International "4 per 1000" Initiative, the **National Federation of Farmers' Unions (FNSEA)** has published its policy report **"Turning the climate challenge into an opportunity for agriculture"**. To learn more and view the report, click [here](#) (in French).

Agroforestry Kenya is a registered national umbrella platform that brings together farmers' organizations promoting and practicing agroforestry. The primary clients of the organization are the farmers particularly the small scale producers. The platform also brings together individual professionals and value chain actors promoting the agroforestry science, extension and practice in the country. To learn more, please click [here](#).

On the occasion of the Virtual Fair of the International Initiative "4 per 1000", **the association of Andean nutritional food producers Mushuk Yuyay (APROSANAMY)** presented the project **"Restorative forest of Guayraloma - healthy ecosystems for a soil healthy"**. To learn more and find out about the actions carried out by this association of Ecuadorian producers, click [here](#).

Member of the International Initiative "4 per 1000", the **French Livestock Institute** participated on June 1st, in the event: **" A Restoration World Tour from the "4 per 1000" virtual Fair"**. This event was organized by the "4 per 1000" Initiative on the occasion of the launch of the United Nations Decade for Ecosystem Restoration. To visit the stand of the French Livestock Institute, click [here](#).

The APAD (Association for the Promotion of Sustainable Agriculture) with the support of the **French Ministry of Agriculture and Food**, has developed a guide **"The keys to success for starting your transition into Soil Conservation Agriculture"**. To download this guide for free (in French), click [here](#).

Save the date!

The 5th "4 per 1000" Initiative Day will be held on Wednesday 10 November 2021 during COP26.

More info to come [here](#).

The UK will host the 26th UN Climate Change Conference of the Parties (COP26) at the Scottish Event Campus (SEC) in Glasgow on 1 - 12 November 2021. More information [here](#).

International Meetings of Living Agriculture - November 2021 (dates to come) - Montpellier - France
Co-organized by *Ver de Terre Production* and *Pour une Agriculture du Vivant*, in close collaboration with members of *Cirad*, the 2nd edition of the meetings will highlight the work of the agronomist Lucien Séguy. The Meetings will be structured around a **3-day program of conferences and training sessions** with researchers, agronomists and farmers. These conferences and trainings are intended for all the actors of the agricultural and food sector: scientists, farmers, students, restaurant owners, distributors... in order to better understand the stakes and the possibilities that a living soil offers. These meetings will be filmed and broadcast live for free on the YouTube channel so that as many people as possible can learn. For more information, click [here](#) (in French).

The 2nd South American regional meeting of the "4 per 1000" Initiative which was to take place in Goiânia (Brazil) in June 2020 is postponed in **May / June 2022, still in Goiânia**. For more information, click [here](#).

More events [here](#)



Research and training bodies They act!

Agroecology: a key piece to climate adaptation and mitigation?

The Alliance of Bioversity International and CIAT, CCAFS (CGIAR research program on Climate Change, Agriculture and Food Security), and IRD have published a review entitled "[Agroecology: a key piece to climate adaptation & mitigation?](#)".

You can also visit [the CGIAR booth at the Virtual Fair of the International "4 per 1000" Initiative](#) to read a short summary of the report.

Agricultural practices based on optimal management of organic resources

CaSA (Soil Carbon for Sustainable Agriculture in Africa) is a network of African and European researchers, mainly French-speaking, engaged in the study and promotion of soil carbon.

The CaSA network promotes agricultural practices based on optimal management of organic resources. These practices aim to strengthen soil fertility and carbon storage capacity, while contributing to the food security of local populations.

The "Soil Carbon for Sustainable Agriculture in Africa" (CaSA) network presents, at the Virtual Fair of the "4 per 1000" Initiative, [some examples of the research work of its members](#).

Cirad (French Agricultural Research Centre for International Development) presented three projects at the "4 for 1000" Initiative Virtual Fair:

- ["4 per 1000" Ultramarine: Sharing knowledge on carbon sequestration in overseas soils](#)
- Agroecology and Safe food System Transitions in South-East Asia ([ASSET](#))
- Soil restoration and multifunctionality of degraded forest landscapes in Côte d'Ivoire ([TERRI4SOL](#))

An international partnership platform to address knowledge and implementation gaps for agroecological transitions

[The Partnership Platform for Agroecological Transformation](#) was launched on 3 June 2021, alongside the 48th plenary session of the Committee on World Food Security (CFS).

This new initiative is supported by several research and development institutions, including CIRAD. It aims to better assess the performance of agro-ecological systems in a wide range of contexts in order to transform agricultural and food systems through agro-ecology.



Civil Society, associations, NGO They act!

Soil Health Institute, the non-profit charged with safeguarding and enhancing the vitality and productivity of soils, recently concluded the Healthy Soils for Sustainable Cotton Farmer Showcase, a series of eight online discussions with U.S. cotton farmers and soil health experts highlighting the challenges and positive impact soil health management systems can have on agricultural productivity and farm profitability. More than 950 participants, including cotton farmers, crop consultants and other interested parties, attended the virtual showcases.

You can watch the entire series on demand by clicking [here](#).

Soil organic carbon, texture, and aggregate stability influence the capacity of the soil to capture, transmit, store, and release water. Water holding capacity and water infiltration were measured by the [Soil Health Institute](#) at 124 long-term agricultural research sites where conventional systems were compared with soil health management systems. Results were used to evaluate the sensitivity of measurements to reduced tillage, cover cropping, crop rotation, and adding organic amendments. To learn more, click [here](#).

GTAE's member organisations - Agrisud International, AVSF, Cari and GRET – undertook the development of a handbook in partnership with AgroParisTech, Cirad and IRD.

The Working Group on Agroecological Transitions (GTAE), created in early 2016 by GRET, AVSF, Agrisud and CARI, has set itself the objective of building a common methodology for the assessment.

Agrisud International has published its 2020 activity report. **14,435 family farms were supported in 2020, bringing the cumulative number to 75,424 since 1992.** 4 new projects were started or appraised in Morocco, Madagascar, Laos and Ivory Coast. To read the activity report, click [here](#).

Join **Brazilian American Environmental Artist Alana Lea** on a visual journey of Solutions Activism. The story begins in 2009, when she returned to Brazil for the first time since leaving as a baby, then launching an eco-textile line to spread awareness of the Atlantic Rainforest among her friends in North America. By 2010 she was able to give the first 1,000 native species trees to a community of smallholders in Cunha, São Paulo to restore their degraded pastures. The project grew, receiving recognition as a “citizen initiative that mitigates the effects of global warming” by the French Ministry of Environment after the Paris Conference of Parties, COP21. She then began to create a series of environmental art banners to present at COP 22 and COP 23, the Global Climate Action Summit, and the World Agroforestry Congress. Alana Lea celebrates a decade of supporting smallholders to restore degraded landscapes in Central and South America, with the U.S. non-profit [iGiveTrees](#). To watch the video, click [here](#).

This video was created in April, for the Planetary Health Alliance Meeting and Festival, co-hosted by the University of São Paulo.

'Pour une agriculture du Vivant' has created the Regeneration Index.

It is an agroecological score that allows, with and for the farmer, to evaluate in a simple and quick way the health of soils, the vitality of ecosystems and the diversity of landscapes. Available in open-source since May 17th, it allows to evaluate the health of soils and the vitality of an ecosystem. To learn more, click [here](#) (in French).

Kikandwa Environmental Association (KEA) is a developmental community based organisation in Uganda founded in 1999 with purpose of addressing rural development issues and natural resource management. As part of the International "4 per 1000" Initiative Virtual Fair, **KEA presented the "Forest Village for Ecosystem and Soil Restoration in Uganda" project.** To learn more, click [here](#).



Civil Society, associations, NGO They act!

ADIF (Association for the Development of Women's Initiatives /ASBL) was founded in 2003 in the city of Kindu in the Democratic Republic of Congo, on the initiative of people who wanted to contribute to the improvement of the living conditions of the Congolese population in urban and rural areas. ADIF presented its project: "Agroforestry and livestock support to farming households in Kailo territory and the Bateke plateau in the Democratic Republic of Congo" at the Virtual Fair of the International Initiative "4 per 1000". To learn more, please click [here](#).

The Consortium Cursa Development NGO (ONG-CCD) is an organization which partly deals with the producers of natural vanilla in Madagascar in order to perpetuate the sector in the service of sustainable development (beneficiary population of the sector, inclusive economic growth of the Country and soil health preservation for food security and climate change). On the occasion of the Virtual Fair of the "4 per 1000" Initiative, the NGO-CCD created a [stand](#) "Support to the vanilla sector, planting that respects the health of the soil through the soil moisture conservation system".

BAIF Development Research Foundation is an organization governed by Gandhian values and a blend of development research, capacity building and improved quality of life. BAIF has transformed the rural landscape through application of simple but effective technologies drawing from the traditional wisdom of the rural poor... To visit their stand " Soil restoration for achieving sustainable livelihoods, climate change adaptation and mitigation" (project presentations, videos...), click [here](#).

As a member of the International "4 per 1000" Initiative, **Simpson Foundation (Malawi)** works with rural resource poor smallholder farmers with less than 0.5 hectares of land, vulnerable and exposed to impacts of climate change. They experience 5 months of critical food shortages from November to March and survive on casual labor. Simpson Foundation identifies and provides soft as a revolving capital to enable farmers to set up field schools to demonstrate and disseminate the comparative advantages of tillage farming systems to other farmers.

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

Promoting Regenerative Farming and Low Carbon Footprint Consumption in Hong Kong

HomelandGreen is a Hong Kong based charitable organization established by a small group of volunteers on 17 June 2013, World Day to Combat Desertification, with the motto 'Be just to the earth; for the sake of all beings.' To this date, HomelandGreen only has less than ten active members, mostly full-time career workers and a few retirees. HomelandGreen receives no public fund and run all programs from our its reserves.

HomelandGreen organizes voluntary tree planting activities to help combat desertification in Inner Mongolia and promote regenerative farming in Hong Kong. To learn more, visit their stand at the "4 per 1000" Initiative Virtual Fair, by clicking [here](#).

At the 4p1000 Virtual Fair, **Regeneration Canada** showcased some of their on-the-ground activities. [Visit their booth](#) "Promoting land management practices that regenerate soil health and sequester carbon to reverse climate change and support a healthy food system".

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



Private companies They act!

The Brazilian company [PRETATERRA](#) develops replicable designs of regenerative agroforestry systems, combining scientific data, empirical information and traditional knowledge with technological innovations, building a new productive paradigm that is sustainable, resilient and long-lasting.

PRETATERRA presents some of these activities on [its stand at the Virtual Fair of the "4 per 1000" Initiative](#).

McDonald's France, because of its supply volumes and the surface area required to produce its raw materials, is fully aware of the driving force it can have. It is in this context that the company has been working for over 20 years to change its practices, mobilise its ecosystem and innovate to contribute to the ecological transition. McDonald's France now has a clear course:

- To reduce its greenhouse gas emissions per transaction by 35%, across its entire scope of activity by 2030 compared to 2005
- Contribute to France's carbon neutrality by 2050.

To achieve this, [McDonald's France is encouraging the deployment of agroecological practices that improve the quality of agricultural soils and meet the objective of 4% per year](#). This is why at the end of 2020, McDonald's France officially became a partner of the International "4 per 1000" Initiative.

[Tiserin Capital Management](#), [One CGIAR](#) and USAID's Kenya Investment Mechanism (USAID-KIM) have joined forces to develop and launch ADAPTA, the region's first climate adaptation credit facility directed to the agribusiness value chain.

The [ADAPTA pilot project](#) will support smallholder farmers and Agri-SMEs in Kenya by providing the right type of lending solutions together with climate adaptation solutions that reduce their risk profile and enable them to invest and raise their profitability. Women, youth, and vulnerable rural farming communities will be targeted to improve their farms' resilience and productivity. To learn more, please click [here](#).

Supporting farmers to regenerate soils and biodiversity.

[Livelihoods Venture](#) focuses on regenerative agriculture: an innovative approach that restores soil health while maintaining yields, and invests in a first project in Europe. Carried out in partnership with the Brittany Region, a pioneer in regenerative agriculture, the Regional Chamber of Agriculture and the local Sols d'Armorique association, the "Sols de Bretagne" project will support around one hundred farmers in the transition towards regenerative agriculture. The project will also allow 140,000 tonnes of CO₂ to be sequestered over 10 years. To learn more, click [here](#) (in French).

[Biodiversal](#), management company for regenerative agriculture projects, has just published its first report "Joining the Symphony 2020-2030", and has created a stand entitled "Biodiversal: where regenerative crops and coffee meet" at the Virtual Fair of the "4 per 1000" Initiative. To visit it and read the Biodiversal's first report, click [here](#).

Founded by Patricia Heizal Nagginda, **Climate Operation (Uganda)** provides education about the climate crisis, involve youths in climate related activism and share experiences and stories about sustainability.

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





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

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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:

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To see ...

Documentary on Holistic Management - Allan Savory, Founder and President of the Savory Institute - May, 2018

This in-depth documentary explores Allan Savory of the [Savory Institute](#) and how he has used Holistic Management to completely transform his land in Zimbabwe.

This documentary was produced by Trevor Langham and his crew at Fig Multimedia Tech in Zimbabwe.

What is Regenerative Agriculture?

Regenerative agriculture can help us stop climate change. It can also help us produce more nutritious food, more resilient crops, and less wasted water. Too good to be true? Watch [this video to discover what is regenerative agriculture and why it's so important](#).

Funded by the European Union, [EIT Food](#) is helping farmers and businesses across Europe to transition to regenerative agriculture.

Changing Paradigms - Regenerative Agriculture: a Solution to our Global Crisis? - Full Documentary - May, 2021

"[Changing Paradigms](#)" explores the power of regenerative agriculture in improving the natural environment, human health, and reliable profit in sheep farming.

Kindly keep the soil alive!

Andy Murray is an entomologist, writer and macro photographer, specialised in documenting the lives and incredible beauty of soil mesofauna. His main goal is to make society understand, value and protect those little animals that live in soil. The purpose of [this video](#) is to support new ways of looking at the creatures that live in soil, and to value the hidden beauty of these little animals. The video was presented during the opening session of the [Global Symposium on Soil Biodiversity](#), on the 19th of April 2021.



They joined us!

Private funding bodies

reNature Foundation - Netherlands

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

Farmers & Foresters organisations

Agriculteurs Composteurs de France - France

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

Alentejo Regional Winegrowing Commission - Portugal. To learn more, click [here](#).

Chambre d'Agriculture de Nouvelle Calédonie - France. To learn more, click [here](#).

Civil society & non-profit organisations

Action pour le Développement Coopératif à la Base (ADCB) - Togo. To learn more, click [here](#).

Auberge Nonque - France. To learn more, click [here](#).

Contour Lines Corp - Guatemala

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

Fundacion Tierra Nueva - Colombia

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

Greentable e.V. - Germany. To learn more, click [here](#).

Soil Centric - United States of America

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

Stichting Soil Heroes Foundation - Netherlands

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

The Compost Council of Canada - Canada

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

Private companies

AMC Agricommerce - France

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

CarbonLock AB - Sweden

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

Cultivons-Nous - France

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

Envirolizer - United Kingdom

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

Green Restoration Ireland Cooperative Society Ltd - Ireland. To learn more, click [here](#).

Healthy Soil BV - Netherlands

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

Pernod Ricard - France

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

NetZero - France

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

SCEA Domaines Cormeil Figeac Magnan - France

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Timac Agro Swiss S.A. - Switzerland

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

Viñedos Orgánicos Emiliana - Chile

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

Ward Agricultural Consultants Ltd - Ireland

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

Zero Impact - Spain

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

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.

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



Any ideas, any suggestions...

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