



MINISTÈRE
DE L'ENSEIGNEMENT
SUPÉRIEUR,
DE LA RECHERCHE
ET DE L'INNOVATION

*Liberté
Égalité
Fraternité*

March 21, 2022



Conference on Citizen Engagement in European Missions

Information Booklet

europe2022.fr

esr.gouv.fr/pfue

www.missions22.eu

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Welcoming address by Frédérique Vidal, Minister of Higher Education, Research and Innovation

The efforts made over the last two years have enabled Europe to develop ambitious programmes in the fields of higher education, research and innovation, with the launch of major new initiatives such as the European universities, the European Innovation Council and the European Missions. This is further amplified by the establishment of a new cooperation framework, since we are now relying on a renewed governance of the European research and education areas. The French Presidency is therefore taking place at a key moment, since an implementation phase is now beginning which commits us to making the ambitions of European cooperation a reality.

In terms of higher education, research and innovation, the French Presidency follows three objectives :

- . Promoting European knowledge policies to support economic recovery and the green and digital transitions, by strengthening synergies between higher education, research, innovation and services to society;

- . Affirming the international dimension of these policies in order to contribute to the deployment of European power in the world and to reinforce the attractiveness of Europe for teachers, researchers and students;

- . Finally, to deepen the sense of European belonging, by supporting European universities in their action to transmit the European way of life and by removing obstacles to transnational cooperation between institutions in Europe.

In this context, nearly one hundred events will be organised in France, at ministerial level but also by all the French higher education and research establishments and organisations, to highlight the Europe of research and universities during this Presidency.

I hope that the conference on citizen engagement in the European Missions will raise awareness among civil society and research institutions of this ambitious and innovative new mechanism, based on participation and the resolution of concrete objectives for 2030.

On behalf of the French Presidency of the Council of the European Union, I am proud to welcome you to the Palais d'Iéna in Paris to encourage citizen engagement in the European Missions.

Programme

7h45 Arrival of the participants

8h30 **Opening of the conference.** Hemicycle

Introduction by the moderators: **Sylvain Bourmeau**, journalist (France Culture and AOC), **Caroline Broué**, journalist (France Culture)

Marie-Claire Martel, Vice-President of the *CESE* in charge of citizen participation

Frédérique Vidal, Minister for Higher Education, Research and Innovation (France) (*)

Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth (*)

Petr Gazdík, Minister of Education and Sports (Czech Republic) (*)

Anna Ekström, Minister of Education (Sweden) (*)

(*) remote intervention

9h05 **Plenary session 1.** Hemicycle

Moderation: **Sylvain Bourmeau**, journalist (France Culture and AOC), **Caroline Broué**, journalist (France Culture)

Opening lecture (1). Citizen engagement in research. Why and how?

Frédéric Worms, philosopher, Director of the École normale supérieure (ENS-PSL)

Opening conference (2). Open Science and Citizen Engagement : European Perspectives.

Edith Heard, Professor at the Collège de France (Chair of Epigenetics and Cellular Memory), Director General of the European Molecular Biology Laboratory (EMBL)

9h45 **Plenary session 2.** Hemicycle

Round table. **Engagement practices and the « deliberative/participatory turn » in research.**

Moderation : **Sylvain Bourmeau**, journalist (France Culture and AOC), **Caroline Broué**, journalist (France Culture)

Frédérique Chlous, Professor at the National Museum of Natural History

Ângela Guimarães, coordinator of the competence centre on participation and deliberative democracy, European Commission Joint Research Centre (JRC)

Yves Mathieu, co-director of the agency Missions Publiques

Jana Kolar, Chair of the ESFRI Board (European Research Infrastructure Forum)

Nicolas Ngo, Head of the Science and Society Department at the General Directorate for Research and Innovation from the French Ministry for Higher Education, Research and Innovation

10h45 Break

11h **Workshops session** (5 parallel workshops in the CESE workshop rooms)

- **Workshop 1** (s 301). « **Adaptation** »

Adapting to climate change: helping at least 150 regions and communities in the European Union to become resilient to climate change by 2030.

Coordination: **Sylvane Casademont**, Director, IHEST - Institut des Hautes Études pour la Science et la Technologie.

- **Workshop 2** (s 225). « **Cancer** »

Improving the lives of more than 3 million people by 2030 by developing prevention, treatment and quality of life.

Coordination: **Christine Chomienne**, Professor Emeritus Inserm-University of Paris, Vice-President of the « Cancer » Mission Council.

- **Workshop 3** (s 245). « **Oceans and Inland Waters** »

Restoring our ocean and aquatic environment by 2030.

Coordination: **François Galgani**, researcher, oceanographer and biologist, member of the Assembly of the "Oceans" Mission.

- **Workshop 4** (hemicycle). « **Cities** »

Climate Neutral and Smart Cities. Establish more than 100 climate neutral and smart cities by 2030 and encourage all other cities to follow suit by 2050.

Coordination: **Françoise Guaspere-Gal**, European Policy Officer at the Representation of Île-de-France to the EU, member of the Assembly of the « Cities » Mission.

- **Workshop 5** (s 249). « **Soils** »

A pact for healthy soils in Europe. Creating 100 "living laboratories" and "beacons" to lead the transition to healthy soils by 2030.

Coordination: **Jean-François Soussana**, INRAE vice-president in charge of international policy, member of the "Soil" Mission Council.

12h45 Break

Hemicycle: presentation of the immersive film *Data of the future* - 27 minutes film directed by Pascal Goblot. Coproduction Escalenta / Universcience, 2021 - 2 sessions

14h00 **Plenary session 3.** Hemicycle

Round table. **European Missions and Foundations. What actions can be taken to encourage citizen involvement in research?**

Moderation : **Sylvain Bourmeau**, journalist (France Culture and AOC)

Delphine Moralis, Philea Philanthropy European Association

Virginie Troit, Executive Director of the French Red Cross Foundation

Romain Troublé, Director, Tara Foundation

14h45 **Plenary session 4.** Hemicycle

European Youth Missions. Youth for European Missions. Youth, environment, community, inclusion, participation and engagement.

Moderation : **Sylvain Bourmeau**, journalist (France Culture and AOC).

Coordination: Emilie Frenkiel, Lecturer in Political Science, Université Paris Est Créteil (UPEC)

Interventions by students from the University of Paris Est Créteil, Amandine Orsini, professor at the University of Saint-Louis (Brussels), Open Source Politics and the CNAJEP.

15h45 Coffee break

16h15 **Plenary session 5.** Hemicycle

Moderation : **Sylvain Bourmeau**, journalist (France Culture and AOC)

Restitution of the workshops (10-15 minutes per workshop).

17h25 **Plenary session 6.** Hemicycle

Moderation: **Sylvain Bourmeau**, journalist (France Culture and AOC)

Concluding remarks (1). **Bruno Maquart**, President of Universcience, on behalf of the ECSITE Presidency.

Concluding remarks (2). **Pascal Lamy**, Chairman of the Oceans Mission Board and author of the report : *Investing in the European future we want, Report of the independent High Level Group on maximising the impact of EU Research & Innovation Programmes* (2017) (remote intervention)

17h40 **Closing ceremony.** Hemicycle

Moderation: **Sylvain Bourmeau**, journalist (France Culture and AOC)

François Houllier, President of IFREMER, Allenvi and the Scientific Council of the Missions22 Conference

Jean-Éric Paquet, Director General for Research and Innovation (RTD), European Commission

Claire Giry, Director General for Research and Innovation (DGRI), on behalf of the French Presidency.

18h End of the conference.

Scientific Advisory Board of the Conference

Frédérique Chlous (Muséum national d'Histoire naturelle), Emilie Frenkiel (Université Paris-Est Créteil), Edith Heard (EMBL – European Molecular Biology Laboratory), François Houllier, Chair (Ifremer), Walter Ricciardi (Università Cattolica del Sacro Cuore in Rome), Jean-Pascal van Ypersele de Strihou (Université de Louvain-la-Neuve)

Linguistic regime: French/English

A classic interpreting system is available in plenary sessions. Workshops and side-events are monolingual but benefit from a Systran automatic translation - only the "Cities" workshop benefits from a classic interpreting system.

A French/English automatic translation supported by the Systran system will be available in webstreaming

Workshops

Workshop 1. "Adaptation"

Adapting to climate change: helping at least 150 EU regions and communities to become resilient to climate change by 2030.

Room 301

Coordination : **Ms. Sylvane Casademont**, Director of the Institute of Advanced studies for Science and Technology (IHEST).

Climate change is going to deeply impact our society and our way of life. The Climate change Adaptation mission aims to help regions and communities to foster the engagement of citizens and stakeholders on the topic of climate change in applied research. The workshop, through examples of selected European and French projects, aims to deliver for researchers and stakeholders pieces of advice and key success factors in facilitating citizen's engagement.

Objectives:

- Update all participants on the Adaptation to Climate Change Mission and clarify the term adaptation and what is meant by citizen engagement (sequence 1),
- Discuss examples and experiments of citizen engagement in France and Europe and learn from them to promote citizen engagement in the Mission (sequence 2),
- Identification by the workshop participants the conditions for success to be proposed to the PFUE to foster citizen engagement (sequence 3).

The organisations involved in the workshop :

Institut des Hautes Etudes pour la Science et la Technologie (IHEST), Commissariat à l'énergie atomique et aux énergies alternatives (CEA), Centre de coopération internationale en recherche agronomique pour le développement (CIRAD), Institut Pasteur, Université Paris 1, France Asia Boost, Thalès, C2 Stratégies, CCSTI Science et animation Toulouse, Syndicat national des espaces, Secrétariat général pour l'investissement (SGPI).

Workshop 2. "Cancer"

Improve the lives of more than 3 million people by 2030 by expanding prevention, treatment and quality of life.

Room 225

Coordination: **Ms. Christine Chomienne**, Professor Emeritus Inserm-University of Paris, Vice-President of the Council of the "Cancer" Mission

Moderator: **Mr. Thierry Guerrier**, journalist

The Horizon Europe Mission on Cancer embodies a true mission approach by integrating innovative approaches to research, public health, data sharing, digital policies, and citizen engagement to jointly achieve with the Europe's Beating Cancer Plan an ambitious goal of improving the lives of more than 3 million people by 2030, through prevention, cure and for those affected by cancer including their families, to live longer and better. The Mission on Cancer **puts citizens and patients at the center of R&I policy** at EU and national level in a structured and meaningful way, which will drive future policymaking towards impactful actions.

The aim of this workshop is to define the necessary framework to facilitate the engagement of a given EU citizen to these future Cancer Mission actions at the European and national level.

To achieve this, the agenda will provide a presentation of the Mission concept and examples of citizen engagement in cancer actions. The measures required to facilitate the dialogue and co-constructions of R&I projects with all stakeholders and citizens will be discussed in two successive sessions using as case studies Cancer Mission intervention areas, where citizens and cancer survivors will play a central role in Horizon Europe and national future Cancer Mission actions. At the end of each session, the audience will prioritize the identified measures. Though the main language will be French, an English translation will be provided.

This workshop has been prepared by the following associations and organisations:

Institut National du Cancer (INCa), Institut Cancer AVIESAN (ITMO Cancer), Ligue Nationale contre le Cancer, Fondation ARC pour la recherche sur le cancer, Arbre des connaissances, UNAPECLE, Image for Margo (FR), Kickcancer (BE), Fondatioun Kriibskrank Kanner (LUX), CCI-Europe, European League against Cancer (ECL Youth Ambassadors).

Workshop 3. "Ocean and waters"

Restoring our ocean and aquatic environment by 2030.

Room 245

Coordination: **M. François Galgani**, Researcher, Oceanographer and Biologist, member of the Assembly of the "Oceans" Mission.

In 2021, the European Commission has launched the mission "Restoring our oceans and waters by 2030". This mission will build on key EU policy and regulatory initiatives (Green Deal, Common Fisheries Policy, Marine Strategy Framework Directive and Water Framework Directive). By 2030, the mission has five overarching objectives: (i) closing the knowledge and knowledge gap, (ii) regenerating marine and freshwater ecosystems, (iii) achieving zero pollution, (iv) de-carbonising our oceans and (v) reorganising governance. In order to demonstrate in a first phase that the specific objectives of the mission are achievable, pilot actions, or demonstrators, will be implemented. In the second phase (after 2025), the mission will support the scaling up of projects across the EU. These demonstrators will be complemented by enabling actions, in particular a digital ocean and water knowledge system (**European Digital Twin Ocean**) and public mobilisation, engagement and awareness, in order to better monitor, predict and value the health of the aquatic system as a whole.

Mobilising and empowering citizens to jointly design and implement solutions is one of the main elements of the Oceans and Waters Mission. It will connect European citizens and communities with the ocean, seas and waters, facilitate broad ownership and education. The workshop is dedicated to citizen engagement in the scientific programmes of the Oceans and Waters mission, for which the strategic and operational modalities, as well as the priorities, remain to be defined. The development of a tool promoting participatory science, directly linked to the other initiatives of the Mission, would allow to coordinate and harmonise all actions in Europe and to serve as an interface between the scientific community and the public. This tool, which could take the form of a digital platform, should facilitate the integration of citizen actions into the Digital Twin Ocean (DTO), one of the major scientific and technical components of the Mission.

Objectives:

The workshop will introduce the basic concepts of the Mission, define the needs for a strong involvement of citizens, and discuss operational modalities and solutions (digital platform, twin ocean modules, integration of citizen actions in the approaches of scientific institutes, networking of associative organisations, etc.).

Workshop 4. "Cities"

Climate neutral and smart cities. Establish more than 100 climate-neutral and smart cities by 2030 and encourage all other cities to follow suit by 2050.

Hemicycle

Coordination: **Ms. Françoise Guaspere-Gal**, Senior policy advisor at the Representation of Île-de-France to the EU, member of the Assembly of the "Cities" Mission.

In the framework of Horizon Europe, the European research and innovation programme 2021-2027, the European Commission has proposed the creation of the concept of "Missions" in order to draw the attention of citizens on European initiatives and to concretely address their needs. One of these Missions specifically targets local and regional public authorities: the Mission on Climate-Neutral and Smart Cities (Cities Mission) aims to support 100 cities in becoming climate neutral by 2030. This workshop will bring together representatives of the European Commission, French and European economic and political decision-makers, researchers, experts, representatives of local and regional authorities and civil society, to discuss citizen engagement in the framework of the Cities Mission. The main objective of the exchanges is to enrich the work of the Mission's platform – NetZeroCities - which will provide support to cities committed to reaching climate neutrality by 2030.

Questions will be put to the audience, in the room and online, through the use of an interactive platform (Slido), the responses of which will be the subject of discussion by the panels. Participants should take into account citizens' wishes and recommendations so that the development of low-carbon cities can be efficiently delivered by and for all. The participation of youth to this Mission will be a key issue, especially as 2022 is the European Year of Youth.

The workshop will be organised in three interactive sessions:

- . The first part of the workshop will give a definition of citizen participation and the forms it can take in the low-carbon city context, allowing us to go beyond common belief.
- . In the second part, the experiences of European cities and associations will be presented, demonstrating the interest of these participants in enriching projects and encouraging innovation, especially user-oriented innovations. The actors will present the barriers already identified and their expectations of the Mission platform.
- . These questions will be addressed in the third part of the workshop, in particular by the scientific community, that will present its work to inform the reflections and further enrich the initiatives being developed by the Mission platform.

Workshop 5. "Soils"

A pact for healthy soils in Europe: create 100 "living laboratories" and "beacons" to lead the transition to healthy soils by 2030.

Room 229

Coordination: **Mr. Jean-François Soussana**, INRAE, Vice-president in charge of international policy, member of the Soil Mission Council

This session will discuss civic engagement on soils in the context of the recently launched EU Soil Deal Mission. Nathalie Sauze (Mission Manager, DG Agriculture and Rural Development) will introduce the Soil Deal Mission. Three dimensions of citizen engagement on soils will then be discussed through panel discussions bringing together scientists, NGOs, foundations and local authorities from several EU countries.

In a first roundtable, perceptions by the citizens of soil related challenges in Europe will be discussed, showing how the citizens and the stakeholders engage about soil issues, which conflicts arise (e.g. about land take, soil pollution) and how science based citizen engagement supports the development of solutions and of public policies.

In a second roundtable, participatory research and citizen research examples will be highlighted showing the emergence of national citizen research networks, of living laboratories and of local initiatives creating actionable knowledge supporting the restoration of soil health.

Citizen's education on soils and capacity building will be exemplified in the last roundtable, including the role of online courses, of the recently launched EU soil observatory and of hands-on work with schools. Based on the three roundtables, recommendations will be made in order to further develop civic engagement on soils through the Soil Deal Mission.

Civil Society and Research Forum: list of Ideas Initiators (*porteurs d'idées*), stands and side-events

Association L'Arbre des Connaissances

Presentation

L'Arbre des Connaissances (ADC) is an association of researchers which works to strengthen the links between science and society and contribute to the emancipation and the development of young people. At the crossroad between research, culture and education, the association creates exchange spaces for young people and science through 3 innovative projects: the immersion of young people in research during a whole school year (Apprentice Researchers), a webzine on scientific information on addictions (MAAD Digital) and the creation and free distribution of role-playing games to interest young people in science through debate (Play to Debate). These projects are proposed to researchers, teachers and cultural professionals. The association supports them in the development and implementation of interprofessional projects in the territories for young people aged 13 and over.

Stand

« Fostering the engagement of scientists and young people in science-society relations »

The Arbre des Connaissances stand will give you the opportunity to find out more about the association's three schemes: Apprentis Chercheurs, Play to Debate and MAAD Digital, and to discuss the projects with the team of employees and the researchers involved in the governance.

Association des Conseils en Innovation

Presentation

The « Association des Conseils en Innovation » is made up of more than 70 companies working in the field of innovation consulting, representing more than 5,000 employees. In addition to highlighting the expertise of its members, the ACI is committed to defending and promoting the innovation consulting profession, as well as enhancing the value of innovation as a vector of economic growth and societal performance. Its experts regularly produce technical deliverables (white papers, practical guides, expert articles, etc.) for public and private players in innovation ecosystems. They work on four subjects: public innovation policies and their evaluation, innovation strategies, innovative collaborative projects and fiscal financing of innovation (CIR, CII). The ICA has also established several partnerships, in particular with the « Médiation des entreprises » and « Bpifrance ». Find the list of members on : <https://www.asso-conseils-innovation.org/fr/l-association>.

Website : www.asso-conseils-innovation.org.

Stand and side-event

« #jesuisEUcolo »

Europe is becoming a lever for putting into practice citizens' ideas for the ecological transition, which can be translated into research and innovation. Its Horizon Europe programme, endowed with 95.5 billion euros, has set itself the objective of involving citizens more in its work. The Association of Innovation Councils is launching an unprecedented consultation. Called « #jesuisEUcolo », it places the citizen at the heart of the European Union's research and

innovation dynamic. The aim is to involve French citizens in defining the future environmental and ecological priorities of the Horizon Europe research and innovation programme. To do so, they are invited to :

- propose, via a participatory platform, research topics that could be financed by the European Union.
- exchange, debate and prioritise the research topics of tomorrow during citizens' debates organised in the regions.

Finally, the contributions will be summarised in a white paper which will be submitted to the European authorities, i.e. the European Commission and its representation in France, the European Parliament and the French Presidency of the Council of the European Union.

To contribute : www.jesuiseucolo.org.

French Association for the Study of Soil (AFES)

Presentation

The French Association for Soil Studies (<https://www.afes.fr/>) brings together all those interested in the various aspects of soil studies. It works to facilitate the exchange of knowledge about soils in order to contribute to the preservation of this natural environment and this fundamental but threatened resource. Its actions are divided into three areas :

- **Promoting knowledge in soil sciences** : through the journal *Étude et gestion des sols* and the provision of more than 1,200 documentary and educational resources.
- **Recognising the soil science skills** of both experienced experts and young researchers.
- **Promoting exchanges between civil society players and experts** by organising events aimed at various audiences (World Soil Day, Soil Study Days).

Faced with the profusion of information disseminated in the media, and in a context of strong increases in the pressures exerted on soils, AFES, as a learned society, plays an essential role as a direct and reliable channel between research and civil society.

Stand

« Let's mobilise around soil as a non-renewable resource ! » (AFES), in partnership with INRAE.

Participatory science and research for soil knowledge

Participatory science and research are forms of scientific knowledge production in which civil society actors participate, along with researchers, on an individual or collective basis, in an active and deliberate manner (Charter of Participatory Science and Research in France, 2017).

Soil, essential for us all

Soil and its management are now more than ever the subject of multiple challenges (food security, climate change, environment, health, etc.). Soil mobilises us.

Participatory soil research

Participatory soil research is part of a process that began more than 10 years ago. In 2016, INRAE set up a working group bringing together scientists and civil society organisations and in 2021, it joined forces with AFES to help disseminate its work. This group has :

- Identified priority themes and enabled the emergence of new participatory projects: www.inrae.fr/actualites/sciences-participatives-au-service-sols
- Made an inventory of current participatory science projects on soils that cover all the issues: they concern the identification of soils and their physico-chemical or biological properties, some target agricultural or urbanised areas, others all areas: www.afes.fr/actions/recherches-participatives/porteurs-de-projets-recherche-participative
- Organised a first symposium in partnership with Ademe and the OFB, which brought together scientific and social players on 24 November 2021 at the Cité des sciences et de l'industrie in Paris : www.afes.fr/actions/recherches-participatives/le-colloque-annuel

Association The Climate Fresk (La Fresque du Climat)

Presentation

The Climate Fresk is a NGO that carries out a fun workshop of the same name, based on collective intelligence and which content is drawn from the IPCC reports. During 3 hours, guided by a facilitator, 5 to 8 participants lay out 42 cards on a table to highlight the causes and consequences of climate change and to acquire a systemic vision of the phenomenon. They then discuss their emotions - a key element in triggering action - and their potential for action and impact. The tool has demonstrated its relevance and its ability to scale up, with already more than 320,000 participants in 3 years, 15,000 facilitators trained, in 35 languages and across 50 countries. This exponential growth has been achieved thanks to a conversion rate of 5 to 10% of participants who become facilitators themselves, true ambassadors of climate education.

<https://fresqueduclimat.org>

Stand

« The Climate Fresk »

The Climate Fresk invites you to discover the concept of the workshop that has mobilised more than 320,000 participants in 3 years on the systemic understanding of climate change and trained 15,000 facilitators committed to exchanging on the subject with their relatives, colleagues, elected officials, students and more generally civil society. We will present a quiz version of the workshop, which highlights the systemic aspect created by the collective intelligence of the participants and will give you a taste of the workshop itself, and we will offer you the opportunity to try the workshop directly. Several facilitators will be present to facilitate and share with you the concept of the workshop and their experience in raising awareness about climate change with various audiences.

Side-event

Interactive conference: Feedback from the Climate Fresk on the development and dissemination of a tool to raise awareness of a large number of people, in a short time and in a qualitative way, on an identified issue.

The event will be divided into 3 parts:

30 minutes - Exchange between several speakers on the history of the Climate Fresk, the tool, its specific characteristics and educational objectives, the association's mode of operation, the various target audiences, the programmes launched by the association to promote deployment, the obstacles identified and resolved, and the prospects for development.

15 minutes: question and answer session

15 minutes: demonstration of the fresco, in interaction with the audience, to show the workshop's pedagogical approach based on collective intelligence and transformative learning.

It will be shown that it is possible to create simple disruptive tools that can be scaled up and enable rapid societal change, raising awareness of climate change and encouraging action at all levels of society.

CNAJEP

Presentation

Committee for National and International Relations between Youth and Non-Formal Education Organisations, the CNAJEP is a coordination body which brings together more than 70 national youth and non-formal education movements which themselves represent 500,000 young people in various projects.

Cnajep is an observatory and a laboratory of ideas on youth, popular education and related public policies. Therefore, the Cnajep is key for making proposals, questioning on youth and popular education and it is involved in the dynamics of co-construction of public policies.

The Cnajep also participates in the territorial animation through a network of regional committees (the CRAJEP) located throughout the territory. As a founding member of the European Youth Forum, the Cnajep as a National Youth Council is also particularly involved in citizenship and youth policy issues at the European level.

For more information: www.cnajep.asso.fr

Stand

« Engaging together for a sustainable and inclusive Europe »

Provox is the portal of the Structured Dialogue in France.

The Structured Dialogue or EU Youth Dialogue is an institutionalised process at the European level. Unique in its kind, it aims at improving public policies by promoting discussion between young people and policy makers.

If you want to know more about the Structured Dialogue method and the new campaign, don't miss the stand "A sustainable and inclusive Europe"!

Keeping one priority in mind, answering the question: How can the voice of young people be taken into account in the building of public policies? This stand will introduce the process but also more specifically the campaign that has just been launched on the two European youth objectives n°3 "Inclusive Societies" and n°10 "A Green and Sustainable Europe". The representatives of the stand will be present to answer all the questions of the participants! The public will also be able to interact with the two young ambassadors of this campaign.

Croix-Rouge française

Presentation

The French Red Cross is a French humanitarian aid organisation founded in 1864. Its aim is to help people in difficulty in France and abroad. Its main missions are emergency, first aid, social action, training, health and international action.

Recognised as a public utility since 1945, the French Red Cross is one of the 191 national societies of the International Red Cross and Red Crescent Movement. It has more than 60,579 volunteers¹ and 16,000 employees². Its network is made up of 1,019 local branches, 108 departmental and territorial delegations and 573 social, medico-social and health establishments, spread throughout France, including the overseas departments and territories. The French Red Cross is also present in 27 countries to develop specific programmes to improve access to water, food security and the health of vulnerable people.

Animation

Deliberative game: Leaf/Cord/Laundry pegs in English and French

With: Hannah Gregor, French presidency Ambassador, Axel Sengenès-Cros, Youth Officer, Inès Meurisse, European Affairs Officer, Institutional Partnerships Department.

Place : Forum

European Commission

Presentation

The EU's overall political goals are developed collectively by its institutions, including the European Commission. The Commission includes 27 Commissioners, collectively known as 'the college'. Together they take decisions on the Commission's political and strategic direction. The Commission is supported by the Commission services, which are organised into policy departments, known as Directorates-General (DGs), which are responsible for different policy areas. DGs prepare, develop, implement and manage EU policy, law, and funding programmes. In addition, service departments deal with particular administrative issues. Executive agencies manage programmes set up by the Commission.

Stand

« EU missions: with and for citizens »

The Commission's booth presents the citizens' engagement initiatives conducted by the European Commission within the scope of EU missions, as well as the Competence Centre on Deliberative Democracy led by the Joint Research Centre. You will find information on the activities planned by each Mission and the tools available through the Competence Centre.

Website of Missions: https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/eu-missions-horizon-europe_en#studies

European Network of Living Labs (ENoLL)

Presentation

The European Network of Living Labs (ENoLL) is an international non-profit association which **aims to promote and enhance user-driven innovation ecosystems, more precise the Living Labs concept globally**. ENoLL focuses on facilitating knowledge exchange, joint actions and project partnerships among its historically labelled +480 members, promoting EU policies, promoting living labs and enabling their implementation worldwide. ENoLL is organized in Action Oriented Task forces and Working groups, among these particularly relevant are: Energy and Environment, Mobility, Rural Living Labs, Social Impact of AI, the Joint Working Group with the EC on Digital sustainability, including Zero pollution and the working group with JRC on Living Labs as a regulatory tool.

Stand

« ENoLL: empower everyone to innovate »

Living Labs (LL) are more and more recognized as an important tool for tackling the wicked problems facing our society, that need collaboration between industry, universities, government and citizens to find and to impact the society as well.

The key of LLs is the involvement, from the very first moment, of end-users (which in many cases are individual citizens). LL put people (citizens, users) at the centre and empower innovation with scientific knowledge and research data, but also test, experiment, validate, pilot and disseminate helping scaling up innovation and having also an important role in the social acceptance of technology. LL are innovation ecosystem orchestrators as they involve such a large range of actors, with the LL at the core of interactions.

At the stand there will be presentations of solutions from ENoLL, The City of Eindhoven- The Nederland, Krakow Technology Park- Poland, SOFIA DEVELOPMENT ASSOCIATION- Bulgaria, Hellenic Institute of Transport – CERTH -Greece, GAIA Cluster Bilbao - Spain, University of Limerick – Ireland, Forum Vriium Helsinki – Finland, Thess-AHALL / AUTH Medical Physics & Digital Innovation Lab, Greece.

Tara Ocean Foundation

Presentation

The Tara Ocean Foundation is the first foundation of public utility dedicated to the Ocean in France. It has two main missions: to explore the Ocean in order to understand it better and to share scientific knowledge about the Ocean in order to create a collective awareness among citizens.

For 18 years, it has been developing high-level ocean science, in collaboration with top international research laboratories, to explore, understand and anticipate the upheavals linked to climatic and environmental risks as well as the impacts of various forms of pollution.

To make the Ocean a common responsibility and to preserve it, the Tara Ocean Foundation also strives to make as many people as possible aware of ocean science and to educate the younger generations.

www.fondationtaraocean.org

Stand

« Discovering marine sciences »

The Tara Ocean Foundation will run a double workshop to discover the Science of the Ocean. The two workshops echo each other to explain the links between marine micro-biodiversity and microplastics.

The first workshop will give the public the opportunity to discover the marine microbiome, a world that is essential to life on Earth. These little-known marine micro-organisms play an essential role in the oceanic ecosystem: they capture atmospheric carbon dioxide, constitute the first link in any food chain and represent more than two-thirds of the marine biomass. The Tara Ocean Foundation has developed new resources as part of the Microbiomes Mission: videos, infographics, magazine... as well as a new tool in collaboration with the citizen oceanography programme Plankton Planet, the Curiosity microscope.

A user-friendly and innovative microscope to support sustainable citizen oceanography, providing essential new knowledge about the invisible people of the Ocean.

The second workshop will focus on a threat that is increasingly weighing on these marine ecosystems: plastic pollution. Thanks to its educational kit, and echoing the Ocean Lab of the first workshop, the Foundation will present the diversity of plastic materials, the sources of pollution on land, the phenomenon of fragmentation and its impact on the microbiome and the marine food chains.

This double workshop will thus provide an overview of the field of action of the Tara Ocean Foundation: the study of the invisible world of the Ocean, its role, the dangers that threaten it and, above all, the search for collective solutions that are equal to the challenge, but will also, thanks to the Plankton Planet consortium, bring about a new type of dialogue between science and citizens around the Ocean.

Side-event

« Participatory science. Plastic under the microscope »

Plastique under the microscope (*Plastique à la loupe* (PAL)) is an educational participatory science operation developed by the Tara Ocean Foundation, in partnership with CEDRE and CNRS since 2019 and aimed at secondary school students. It aims to build up an unprecedented database on plastics (macro, meso and micro) found on beaches and riverbanks in mainland France and overseas. The database thus created is currently feeding scientific research, French and European databases, and contributing to political decision-making. Each year, at the end of the school year, the pupils receive a report from the scientists who analysed the samples sent by the classes.

In particular, it can be a source of information on plastic pollution in their territories and a source of inspiration for action for mayors and local elected representatives. The data collected by the 30 academies involved in PAL during the 2021-2022 school year, i.e. more than 300 schools and around 17,000 young people.

This round table will aim to share the originality and success of this experiment with the public present on site or online.

<https://plastiquealaloupe.fondationtaraocean.org>

Grenoble INP – UGA

Presentation

The Grenoble Institute of Engineering and Management (Grenoble INP-UGA) is an institution of higher education and research that brings together 8 engineering and management schools within the Grenoble-Alpes University.

It is in Grenoble, in March 2021, on the occasion of the bi-annual dialogue of Unite! (the Alliance of European Universities of which Grenoble INP-UGA is a member) that the idea of launching the European Universities Community (EUC) initiative was born.

Subsequently, six other French higher education institutions (through the European University Alliances they represent) agreed on the importance of the contribution of the Alliances to the Conference on the Future of Europe and gave content to the European Universities Community.

These are Sciences Po for CIVICA; the University of Montpellier for CHARM-EU; CY Cergy Paris Université for EUTOPIA; the Technological University of Troyes for EUT+; the University of Poitiers for E2CU; and, finally, the University of Savoie-Mont Blanc for UNITA.

Stand

« Initiative European Universities Community (EUC) »

The European Universities Community (EUC) project is a grassroots initiative bringing together students, student representatives, academic and administrative staff from European Universities. The initiative aims to make the student voice heard in the context of the Conference on the Future of Europe launched by the European Commission, the European Parliament and the European Council on 9 May 2021. Cofoe is expected to reach conclusions in May 2022 and to contribute to defining guidelines for the future of Europe. Initiated by a core group of 7 French universities, the EUC project quickly opened up to all European higher education and research institutions, particularly those that make up the European University Alliances.

The objectives of EUC

- To make the student voice heard on 10 issues of concern to the EU at the Conference on the Future of Europe (see the 10 issues here);
- To encourage student engagement in European Universities;
- Strengthening collaboration between European University Alliances;
- Increasing the impact and visibility of the European Universities Initiative;
- Laying the foundations for long-term action to strengthen the place of young people in the European democratic process.

How?

Students can participate in one or more of the following actions to make their voice heard:

- Action 1 : Contribute to Cofoe's multilingual digital platform;
- Action 2 : Participate in the Inaugural Session of the European Students' Assembly (Action reserved for students from European Universities);

- Action 3: Draft a Manifesto on the Future of Universities in Europe;
- Action 4: Promote multilingualism and multiculturalism through participation in academic and pedagogical projects.

Ifremer

Presentation

Recognised worldwide as one of the leading institutes in marine science and technology, Ifremer is committed to sustainable development and open science. It conducts research, innovates, and produces expertise to protect and restore the ocean, exploit its resources responsibly, share knowledge and marine data in order to create new opportunities, and support economic players in the maritime world in their efforts to develop activities that respect the marine environment.

Present on all the French and overseas seaboard, its laboratories are located on some twenty sites in the three major oceans. On behalf of the State, it operates the French Oceanographic Fleet for the benefit of the national scientific community. It designs its own state-of-the-art vessels and equipment to explore and observe the ocean, from the coast to the deep sea and from the abyss to the interface with the atmosphere.

Open to the international scientific community, its 1,500 researchers, engineers and technicians are advancing knowledge; they are helping to inform public policy and propose innovative solutions for a sustainable blue economy. Their mission is also to raise public awareness of maritime issues.

In 2021, Ifremer created its Stakeholder Committee. This new governance body, composed of 23 members, is a tool for regular and in-depth dialogue with civil society, beyond the stakeholders already involved.

Website : www.ifremer.fr

Side-event

« Citizen engagement in the European Missions: feedback on the Starfish 2030 citizen consultation »

In 2020, as part of the Starfish 2030 Mission, Pascal Lamy, President of the Mission Board Oceans, wanted to consult European citizens to gather their opinions on the five areas of work proposed by the Mission's Committee of Experts, which brought together scientists, representatives of civil society and economic sectors. In addition to France, ten European countries responded: Denmark, Estonia, Finland, Ireland, Italy, Norway, Poland, Portugal, Romania and Sweden.

In France, Ifremer was entrusted with the implementation of this survey and was supported by more than 40 partners. An online questionnaire collected 6,600 responses in 20 days.

Analysis of these responses revealed a strong desire for commitment and a strong need for knowledge. Ifremer intends to learn from this interest in the health of the aquatic system and has asked its new Stakeholder Committee about the follow-up to this consultation

After a presentation of the results of the survey by Chances Conseil, the members of Ifremer's Stakeholder Committee will be invited to discuss the advisability of including such a process in the long term and how to translate the expression of societal expectations into Ifremer's activities.

Agenda :

- Introductory remarks, by **François Houllier**, President - Director General of Ifremer.
- The origin of the Starfish 2030 citizen consultation, by Geneviève Pons, member of the Mission and co-chair of the Stakeholder Committee.
- Survey methodology and main results, by Fabrice Krzeminski - Chances Conseil.
- Round table: the follow-up to the Starfish 2030 citizen consultation, by the Ifremer Stakeholder Committee.

Speakers from the Stakeholder Committee: Sébastien Treyer, co-président du CPP, David Guillerme, Sarah Lelong, Céline Liret, Marie-Noëlle Tine-Dyevre

INRAE

Presentation

INRAE, the French National Research Institute for Agriculture, Food and the Environment (<https://www.inrae.fr/>), is a major player in research and innovation created on 1 January 2020. A research institute resulting from the merger between INRA and Irstea, it brings together a community of 12,000 people, with 273 research, service and experimental units located in 18 centres throughout France.

INRAE is one of the world's leading research organisations in agricultural and food sciences, plant and animal sciences, and environmental ecology. As the world's leading research organisation specialising in the "agriculture-food-environment" cluster, INRAE's ambition is to be a key player in the transitions needed to meet the major global challenges. Faced with population growth, climate change, resource scarcity and declining biodiversity, INRAE is building solutions for multi-performing agriculture, quality food and sustainable management of resources and ecosystems.

Stand

« Participatory sciences and soils: the structuring of the French community ».

Participatory science and research for soil knowledge

Participatory science and research are forms of scientific knowledge production in which civil society actors participate, along with researchers, on an individual or collective basis, in an active and deliberate manner (Charter of Participatory Science and Research in France, 2017).

Soil, essential for us all

As the seat of multiple vital functions for the planet and its inhabitants, today more than ever, soil and its management are the subject of multiple challenges (food security, climate change, environment, health...).

Participatory soil research

Participatory soil research is part of a process that began more than 10 years ago. In 2016, INRAE set up a working group bringing together scientists and civil society organisations and in 2021, it joined forces with AFES to help disseminate its work. This group has :

- Identified priority themes and enabled the emergence of new participatory projects: www.inrae.fr/actualites/sciences-participatives-au-service-sols.

- Made an inventory of current participatory science projects on soils that cover all the issues: they concern the identification of soils and their physico-chemical or biological properties, some target agricultural or urbanised areas, others all areas: www.afes.fr/actions/recherches-participatives/porteurs-de-projets-recherche-participative.
- Organised a first symposium in partnership with Ademe and the OFB, which brought together scientific and social players on 24 November 2021 at the Cité des sciences et de l'industrie in Paris: www.afes.fr/actions/recherches-participatives/le-colloque-annuel.

National Museum of Natural History

Presentation

The National Museum of Natural History is a scientific institution that studies the Earth and living things from the most remote periods of the past to the present day, while questioning our future. It contributes to the production, development and sharing of knowledge on the geological and biological diversity of the Earth, on the diversity of cultures and societies and on the history of the planet.

To this end, it develops synergies between fundamental and applied research, expertise, enhancement, enrichment, conservation and availability of collections and data, training, including teaching, educational activities and the dissemination of scientific and technical culture for all audiences.

The Museum thus shares its knowledge while working to conserve biodiversity and heritage, whether natural or cultural. Some 2,500 employees, researchers, caretakers, librarians, taxidermists, collection managers, engineers, veterinarians, museologists, etc., are working on this task within the Museum and in the field.

Stand

« Participatory science at the Museum: a partnership between citizens and researchers at the heart of society's issues »

Participatory sciences are at the heart of the values and different missions of the Museum, as an institution of research, expertise, teaching, conservation of collections and dissemination of knowledge, in the service of the major issues of society. Because they combine research and citizens in an original way, they have a unique potential to produce new knowledge, to engage citizens and provide them with the means to act, to transform relations between researchers and citizens, and to work towards a democracy of knowledge. They thus contribute both to renewing the Museum's scientific issues and to anchoring its commitment to the transformation of society in the face of major contemporary challenges.

The Museum has a historical tradition of several centuries of collaboration between scientists and amateurs, and has been a pioneer in the development of participatory science programmes, particularly dedicated to the observation of biodiversity. Today, a wide variety of participatory projects have emerged within the Museum, in a large number of disciplines: ecology, biology, anthropology, archaeology, heritage, astronomy, geology....

The stand will therefore display a representative panorama of the diversity of these projects in order to show in a concrete and operational way how citizens are already involved in research projects, alongside scientists.

Websites : <https://www.mnhn.fr/fr/participer-a-la-science> and [Les Muséums et les sciences participatives](http://www.afes.fr/actions/recherches-participatives/le-colloque-annuel).

Side-event

« Nature Stories: Discover the participatory collection on environmental change »

The Muséum national d'Histoire Naturelle and its Berlin counterpart, the Museum für Naturkunde, are jointly developing a new innovative and intercultural participatory project, called "Histoires de Nature", which questions our perceptions and representations of environmental changes.

In order to better understand these transformations, each French and German citizen will be invited to share and interpret a document from the past that bears witness to these changes: personal memories (postcards, photos, correspondence, recipe books, etc.); archival documents (newspapers, videos, etc.); and extracts from literary or artistic works.

These documents and the associated individual stories will form the basis of a new innovative natural history collection, entirely digital and produced by citizens.

Through this project, the two Museums intend to contribute to the amplification of awareness of current issues related to the preservation of nature, on an individual and collective scale, by relying on the experiences of the participants and their testimonies from the "familiar" register.

A presentation of the project will be followed by an exchange with the participants in order to collect their suggestions and comments on this initiative, which is still under construction. This presentation will be preceded by an introduction to the various participatory science programmes that exist at the National.

NetZeroCities

Presentation and stand

NetZeroCities is the platform that supports the work of the EU's Mission "100 Climate-Neutral and Smart Cities by 2030". It will help cities overcome the current structural, institutional and cultural barriers they face in order to achieve climate neutrality by 2030, and will enable European cities and citizens to show the way forward towards an inclusive, thriving, climate resilient and sustainable future. NetZeroCities is part of the Horizon 2020 Research and Innovation Programme in support of European Union's Green Deal.

Website : <https://netzerocities.eu/>

Side-event

« Engaging cities, citizens and city actors to achieve climate neutrality »

Cities have a leading role to play, not just in meeting the climate goals, but in ensuring decarbonisation efforts are equitable and contribute to the well-being of European communities. The EU's Mission "100 Climate-Neutral and Smart Cities by 2030" has the ambitious objective to bring 100 European cities to NetZero by 2030, with the NetZeroCities project as the platform to support this objective. Achieving such a level of impact will be an extraordinary undertaking and will require profound and systemic changes, and a high level of citizen engagement and cooperation from all sectors. This side-event will present the work of the Mission and NetZeroCities; it will address the key role of citizen engagement to help cities transition towards climate neutrality in a sustainable and inclusive way.

Océanopolis

Presentation

Océanopolis, National Centre for Scientific Culture dedicated to the Ocean.

For more than 30 years, Océanopolis, a Brest metropolis facility managed by Brest'aim, has been a place for sharing and exchanging knowledge based on scientific knowledge.

Through the visit of its three pavilions (Brittany, tropical and polar) and its « otter trail », Océanopolis offers its visitors a journey with a rigorous scientific approach, in the heart of a multitude of marine ecosystems faithfully reconstituted in its aquariums, to change the way we look at the Ocean: to better understand its biodiversity, in order to better preserve it.

It raises awareness among all publics through its mediation and education activities to make them responsible and committed citizens.

Created by academics who wanted to bring science out of the laboratory and make it accessible to the general public, Océanopolis is not exactly an aquarium like any other: links have been forged with researchers, particularly those in Brest whose scientific platform is unique in Europe, but also with international teams.

Stand

« ARCTIC 2100 »

ARCTIC 2100 is a unique immersive interactive virtual reality experience that aims to raise public awareness of the issues involved in preserving marine biodiversity and the impacts of climate change on the ocean.

In close collaboration with experts from the CNRS, Océanopolis (Brest) and the Institut de Recherche Technologique (IRT) have developed this innovative mediation device, which presents as faithfully as possible the state of the Arctic marine environment today and as it could be tomorrow. In the Polar Regions, climate change is occurring faster than the global average. They thus play the role of "advanced sentinels" and foreshadow the changes that will affect all ecosystems, marine and terrestrial.

This fun and educational device invites four virtual divers to discover the polar ecosystem of the Arctic Ocean. They embark on a scientific journey through time, from 1950 to 2100, in this zone where climate change is much more rapid. ARCTIC 2100 is based on virtual reality technology, combining computer-generated images and interactivity between the diver and the marine species.

ARCTIC 2100 aims to mobilise the public around the issues of the Ocean-Climate-Biodiversity nexus. The objective is to create emotions and share knowledge to change the way they look at the ocean.

Open Source Politics

Presentation

Open Source Politics is a leading player in the civic tech sector which promotes a vision of participatory democracy through new digital tools based on transparency, collaboration, privacy and accessibility.

Since 2016, Open Source Politics has been supporting local and national institutions in the deployment of digital tools dedicated to citizen participation. More than 150 clients have trusted it throughout the design and implementation of their consultation, voting or participatory budget processes. This diversity of missions and the extension of its network of international partners have enabled it to acquire an overview of the best practices of the best online democratic systems around the world. Its experience allows it to work today with multiple actors such as the European Commission within the framework of the Conference on the Future of Europe, the Senate and the National Assembly, several cities such as Lille, Bordeaux or New York, or even NGOs.

Website : <https://opensourcepolitics.eu/>

Stand and Side-event

« The participatory platform of the Conference on the Future of Europe: exchanges and results »

Open Source Politics wishes to highlight its expertise in the design and implementation of online participatory processes, in particular by presenting the projects carried out with the European Commission in the context of the Conference on the Future of Europe and those conducted with the European Metropolis of Lille. The platforms set up by these actors have enabled citizens to submit proposals, organise events and generate ideas on a variety of subjects and themes. The platforms and software for conducting participatory processes appear to be a solution that promotes and facilitates citizen involvement in global issues such as adapting to climate change, preserving soil and water resources, creating a European health insurance scheme, or strengthening democracy. Thus, the subjects on which citizens have mobilised themselves in the framework of the various initiatives implemented by these actors fall within the scope of the Missions launched in September 2021.

OPERAS AISBL

Presentation

OPERAS is a distributed research infrastructure for scholarly communication in the Social Sciences and Humanities (SSH). It facilitates the expansion and application of Open Science principles within SSH research practices and contributes to a scholarly communication ecosystem where knowledge produced in the SSH benefits researchers, academics, students and more generally the whole society across Europe and worldwide, without barriers. OPERAS helps tackle the challenges presented in European Missions by developing and supporting open access services and resources in the SSH that facilitate interdisciplinary and citizen-engaged collaborations to address societal challenges.

Stand and side event

« How to engage citizens in science: concrete actions by the European Research Infrastructure OPERAS »

OPERAS is a European distributed infrastructure, whose mission is to coordinate services, practices and technologies dedicated to scholarly communication in the humanities and social sciences. OPERAS and its community of over 50 members in 16 European countries are working towards a more efficient, inclusive and sustainable scholarly communication ecosystem, in line with the FAIR principles.

Fully integrated into the open science movement, and an active infrastructure for its development, OPERAS supports European Missions by developing and supporting open access services and resources in the social sciences and humanities, and by facilitating collaborations that address societal challenges. Furthermore, OPERAS adds value to the European Missions by promoting the contribution of the humanities and social sciences in multidisciplinary research approaches.

OPERAS' services broaden the possibilities for collaboration among research and society, facilitating the creation of interdisciplinary teams, the discovery of relevant resources in all humanities and social sciences disciplines, the dissemination of research results, and the search for funding.

OPERAS is a community-developed research infrastructure, and as such is perfectly suited to be integrated into the network of European universities and their alliances. As a distributed infrastructure dedicated to the humanities and social sciences, it supports and promotes multilingualism.

The side-event proposed by OPERAS will present concrete solutions supported by the infrastructure, with a particular focus on solutions for scientific crowdfunding and support for participatory research, and how they fit into open science policies.

Res Publica

Presentation

Res publica is a French consulting firm that helps stakeholders cooperate to define and implement strategic projects through collaborative dialogue, consultation and deliberation. Res publica intervenes in the public and private sphere, in France and abroad, particularly in cross-border projects, to support the necessary transformations towards a more sustainable and inclusive world.

Res publica is a member of the European project PHOENIX "The Rise of Citizens Voices for a Greener Europe". This project is financed by the EU in the framework of the *European capacities for citizen deliberation and participation for Green Deal*. The PHOENIX project aims to accelerate the participatory and deliberative transitions needed to find democratic solutions to the climate crisis and to meet the increased ambitions of the Green Deal.

Stand

« The Phoenix Project and the Deliberation Game »

The stand presents the PHOENIX Project, "The rise of the citizen's voice for a greener Europe", financed by the EU in the framework of the *European capacities for citizen deliberation and participation for Green Deal*. It also offers the opportunity to participate in the Deliberation Game, which highlights the essential steps and concepts of an inclusive deliberation process. On the stand, members of the PHOENIX project will be present to support the integration, scalability and adaptability of deliberative methods. The exchange with them will be useful to identify experiences, collect ideas, enrich experiences, and share the challenges of deliberation for the Green Deal.

On the stand you will discover:

- The PHOENIX project and different typologies of democratic innovations.
- A pedagogical game to talk about the challenges of deliberation.
- Diversified cultural contexts of participative processes at the benefit of the Green Deal.
- Innovations and concepts to enrich and question the portfolio of methodologies and tools for stakeholder engagement.

Side-event

Conference: « Is there a place for citizen deliberation in Europe? ».

At a time when deliberative processes multiply around climate issues all over Europe, the conference presents the ambition of the PHOENIX project, "The rise of the citizen voice for a greener Europe", funded by the EU under the *European capacities for citizen deliberation and participation for Green Deal*. Members of this grouping come from different European countries to present their experiences and draw lessons with the public.

From a cross-section of experiences with Participatory Budgeting, Public Debate, Citizens' Assemblies and the Citizens' Conference System, the remaining challenges will be addressed as avenues to be explored in the PHOENIX project.

SIRIC BRIO / ASPERON & Co

Presentation

BRIO is a SIRIC (integrated cancer research site), certified by the French National Cancer Institute. ASPERON & Co (launched by BRIO) is a collective of (ex-)patients, carers and health and research professionals. BRIO has allied with 3 partners: the German Federal Ministry of Education and Research (BMBF), the patient association Melanoma Patient Network Europe (MPNE) and the Swedish Cancer Mission Vision Zero Cancer.

His organisations aim to advance patient involvement in cancer research by building synergies between patient and scientific expertise.

During its European presidency in 2020, Germany initiated a bottom-up process to collect and discuss basic principles for successful patient involvement (publication in September 2021). BRIO therefore encourages the French Presidency, and the current trio, to build on the work already undertaken to continue research on the issue.

Follow and connect via #PatientsInvolved #CancerResearch

Let's share our experiences, lessons learned and methods to move faster towards the development of patient involvement in cancer research in Europe.

Stand

« Delivering the promise of patient involvement in cancer research »

BRIO is a SIRIC (Site Intégré de Recherche sur le Cancer), a label of the French National Cancer Institute. BRIO has joined forces with three partners: the German Ministry of Education and Research (BMBF), the patient organisation Melanoma Patient Network Europe (MPNE) and the Swedish Cancer Mission Vision Zero Cancer.

Our organisations are advancing patient involvement in cancer research. During the German EU Presidency, several collaborative workshops resulted in the publication of the "Principles of successful patient involvement in cancer research" (to be found on our stand).

In order for the French Presidency, and the present trio, to build on the work already undertaken and take the issue further, our organisations propose a holistic approach to patient involvement in research, which includes

Structure: Putting in place a research policy that systematically encourages and implements patient involvement in projects

Support: Enabling patient involvement by supporting researchers and patients in this process

Methodology: Applying design thinking tools to the process to ensure results and facilitate the participation of all

The stand is also an opportunity to exchange on a future French association (to be launched this year) specifically dedicated to research, dissemination, support and valorisation of patient involvement in cancer research.

Come and discuss at our stand and take part in outside-event « workshop on expectations in partnerships »

Side-event

"What do you expect? - Design thinking tools for patient involvement in research"

Our organisations are advancing patient involvement in cancer research. We think, test and learn together. We believe that involving patients will improve the impact of research. We create synergies between the expertise of researchers and patients.

Successful patient involvement relies on the development of successful partnerships. In this workshop, we use design thinking tools to understand the expectations and expertise that each stakeholder brings to the partnership - and what they expect as outcomes.

The workshop brings together real and virtual stakeholders for patient involvement in cancer research: patients, researchers, research organisations and funders. Whether you are one of them or not, join us to consider partnerships from different perspectives. This participatory workshop is open to all (subject to availability).

What do you expect? What do they expect?

Join our workshop in room 249, from 15:15 to 16:15.

Toulouse (city of)

Presentation

Toulouse is the 4th largest city in France with 475,000 inhabitants (as of 1 January 2016). It is the centre of a metropolis of almost 800,000 inhabitants (2019). In addition to its actions in the field of citizen participation, Toulouse is involved in all the competences of French municipalities: culture, education, sports, solidarity, public peace and safety, urban planning and economic development.

The Toulouse City Council offers places to promote local democracy, meetings between elected officials, associations and residents, the organisation of citizen debates and resources for associations involved in neighbourhood life. In order to involve citizens more in the

necessary ecological transition and to make Toulouse a greener and more breathable city, Toulouse City Council is committed to supporting and carrying out ecological projects in each district.

Stand

« Citizens' workshops and ecology by neighbourhood »

In order to get citizens more involved in the life of their neighbourhood, Toulouse has set up a participatory budget process « my ideas for my neighbourhood » ([Mes idées pour mon quartier ! - Je participe ! \(toulouse.fr\) Participation & citoyenneté - Toulouse.fr](#)), combined with citizen workshops for ecology. The participatory budget is a process of citizen participation in which residents can allocate a budget dedicated to the realisation of projects for their neighbourhood (8 million euros). More than 1600 ideas were submitted, 75% of which were "ecological" in nature and focused on three trends

- greening the city
- deployment of bicycle paths
- management of green waste

In order to strengthen citizen participation, the city of Toulouse has set up citizen workshops in each of its 20 neighbourhoods, around 4 themes: ecology, architectural quality and neighbourhood identity, improvement of the living environment and the orientation of public expenditure.

In September 2021, Toulouse residents were invited to apply for the citizen workshops in their neighbourhood, via an online call for applications on [jeparticipe.toulouse.fr](#) and distributed to letterboxes (2669 applications). The members of the citizens' workshops for ecology by district and for the improvement of the living environment will analyse these ideas, in order to prioritise them and select 10 per district (Nov. 2021 - March 2022).

All residents will vote in Sept-Oct 2022 among the 200 selected ideas, the winning ideas will then be implemented by the community within 2 years, within the limit of the 8 million euros dedicated. The citizens' ecological workshops will be able to follow the implementation of the winning ecological ideas and develop their favorite ideas (not very mature but relevant for the district).

Universcience

Universcience, which brings together the Palais de la découverte and the Cité des sciences et de l'industrie in Paris, aims to make today's sciences known and loved and to promote scientific and technical culture. It is the leading science centre in Europe. Universcience is a member of the European network of Science Centres and Museums (ECSITE) and has held the presidency since the end of 2021.

Universcience aims to help all citizens, whatever their age or level of knowledge, to understand the world by deciphering the major scientific principles and technological advances. The aim is to provide accurate benchmarks so that everyone can be fully involved and responsible for their choices.

By ensuring that a passion for science and technology is aroused at an early age, Universcience also intends to make young people's commitment to careers and scientific fields a priority in the service of economic dynamism and social cohesion.

This overall objective of placing science and technology at the heart of culture and our society also implies reaching out to new audiences, taking advantage of Internet-related uses and making full use of the potential of digital technology and innovation to develop new approaches that are both creative and participatory.

Moreover, drawing on its expertise and know-how in the regions and internationally, Universcience is committed to promoting the networking of Science Centers and increasing the impact and visibility of scientific and technical culture, particularly within national and European public policies.

Université Paris Est Créteil (UPEC) - The Student Citizens' Convention (CCE)

Presentation

The Student Citizens' Convention (CCE) is a participatory initiative. Organized by Université Paris-Est Créteil's International School of Political Studies (EEP) and the Living Lab Algopo, it aims to respond to the environment and health crises, at both the university and territory levels.

Its first edition, from September 23, 2021 to November 20, 2021, allowed defining measures and recommendations on the subject of food, in order to respond to the climate crisis in a spirit of social justice and considering ensuing health issues. Students are at the heart of the initiative.

Through proposals defined in a democratic and horizontal way and through their follow-up, students reflect on and act for more sustainable processes of production, supply, consumption, and waste management.

Stand

« Student Citizens' Convention for the Ecological Transition »

The CCE was an opportunity to learn, discuss and deliberate on food. The stand is a continuation of this work and a means of discussing the initiative, its implementation, and its results. The stand will be held by students who participated in the creation of the initiative and in its deliberations, and who are currently working for the application and monitoring of the measures defined during the Convention.

Institutions and places

CESE - the Economic, Social and Environmental Council

The third constitutional assembly of the Republic, the Economic, Social and Environmental Council (EESC) brings together associated personalities as well as members appointed by the main associations in France, employee trade unions, employer organisations and many civil society players.

Representing tens of millions of French people, EESC members are immersed in the heart of our society's problems and propose innovative solutions adapted to the challenges of today and tomorrow.

Chaired by Thierry Beaudet since May 2021, the EESC has four main missions:

- **To advise the Government and Parliament** and participate in the development of economic, social and environmental policy.
- **To promote, through its composition, dialogue** between socio-professional categories whose concerns, although different at the outset, are brought together in the development of proposals of general interest.
- **To contribute to the evaluation of public policies** of an economic, social and environmental nature.
- **To promote constructive dialogue and cooperation** with the consultative assemblies set up with local and regional authorities and with its European and foreign counterparts.

The Council may be asked to take up a matter by the Government, Parliament, or through a citizens' petition, or it may take up a matter on its own initiative in order to issue an opinion, a study or a resolution on the subject.

The EESC is in constant touch with the concerns of the French people, through the work of its advisers and the 700 recommendations they make each year. These recommendations contribute to the implementation of effective measures impacting the daily lives of the French people.

The Palais d'Iéna: a masterpiece of 20th century architecture

Based on the plans of architect Auguste Perret, the Palais d'Iéna was built between 1937 and 1946. Using all the technical and aesthetic potential of reinforced concrete, the French architect created a new architectural order, capable of rivaling that of the ancient Parthenon. This palace successively housed the Public Works Museum (from 1939 to 1956), then the Assembly of the French Union and finally the EESC since 1959.

Biographies of speakers and members of the Scientific Advisory Board

Pierre Bahurel

Pierre Bahurel is the Managing Director of Mercator Ocean International, a digital oceanography centre that provides ocean monitoring and forecasting services worldwide. He participated in the creation of Mercator Ocean in 1995 and has been leading and developing it ever since, fostering the development and sharing of knowledge on the marine environment and multi-national governance to make it a unique centre in Europe. Pierre leads the marine service of Copernicus for the European Commission, implementing a high resolution ocean for thousands of users worldwide. He has federated a large community of partners in Europe for this purpose and is now supporting the EU's expected evolution towards a true digital twin of the ocean. It is involved in the UN Decade of Ocean Sciences, where it coordinates initiatives related to numerical ocean prediction.

Matthew Baldwin

Matthew Baldwin has worked at the European Commission for over 20 years and has been Deputy Director-General of DG MOVE (Directorate-General for Transport) since July 2016. He is the manager of the Commission's Horizon Europe Mission "100 climate neutral and smart cities by 2030". He is also the European coordinator for road safety and sustainable urban mobility. He has a strong interest in the potential of cities taking action against climate change.

Patricia Blanc

After twenty years of experience in Finances, Patricia Blanc is now devoting her time to the charity "Imagine for Margo- Children without Cancer" created in 2011 after her daughter, Margo, died from a brain tumor. Imagine for Margo is raising funds to support the development of innovative therapies for children with cancer. Patricia Blanc is also very active in advocacy efforts towards French and European politicians, regulators and pharmaceutical industry to make laws and research more adapted to better treatments for children with cancer. Patricia is Chevalier de l'Ordre National du Mérite, member of the European Economic and Social Committee, past Member of the Cancer Mission Assembly and she received the Vanity Fair award 2016 one of the 50 most influential French people in the world.

Olha Bondarenko

Olha Bondarenko is a strategic advisor in the field of citizen and government engagement at the municipality of Eindhoven. In 2008 she obtained her PhD in Information Management at Eindhoven University of Technology (TU/e). In addition, she has completed two university degrees in Journalism and Technological Design and has a lot of work experience in the business world.

Sylvain Bourmeau

Sylvain Bourmeau is a journalist, director and founder of the daily newspaper of ideas *AOC* and producer of « La Suite dans les Idées » on France Culture. He has been deputy editor of *Libération* and *Les Inrockuptibles*, and took part as a journalist in the launch of *Mediapart*. Author of a collection of poetry, *Bâtonnage* (Stock), he is also an associate professor at the University of Paris 1 Panthéon-Sorbonne after having been at the Ecole des Hautes Etudes en Sciences Sociales (EHESS).

Mireille Brangé

Mireille Brangé is the national coordinator of the Strategy for Education and Digital Technologies at the General Secretariat for Investment (SGPI - Prime Minister's Office), a government investment plan within the framework of France 2030. An alumna of the *École Normale Supérieure rue d'Ulm* and a doctor in General and Comparative Literature, she previously worked at the *Agence Nationale de la Recherche* (2010-2021), where she was scientific secretary of the Scientific Council, scientific manager of the Humanities sector of the Humanities and Social Sciences department, and manager of the programs of pedagogical innovation and transformation of higher education at the *Direction des Grands Investissements de l'État*. She has also taught French language and literature at the universities of Rouen, Verona and universities of Rouen, Verona and Sorbonne Paris Nord.

Caroline Broué

Programme advisor to the management of France Culture in 2020-2021, she is a producer at the channel, where she has created numerous programmes including « La Grande table », a daily magazine of culture and ideas, and now two weekly programmes, the Saturday morning slot « Les Matins du samedi » and the Sunday programme on food issues « Les Bonnes choses ». In addition, having joined the team of the magazine « 28 minutes » on Arte in 2017, she participated in the creation and co-hosted « 28 minutes samedi » in 2018-2019. She is the author of three books, *De ce pas*, Sabine Wespieser éditeur, *Comédies*, with Marin Karmitz, éditions Fayard, *L'Identique et le différent, entretiens avec Françoise Héritier*, éditions de l'aube, 2008 (reed. 2012 and 2018).

Sylvane Casademont

Sylvane Casademont, a historian and member of the Emilie du Chatelet class of the IHEST, has spent half of her career in the private sector (1981-2003) as a consultant with Bossard Consultants, then Cap Gemini, where she carried out transformation and change management assignments. The other half, since 2003, has been in the public research sector: Director of Communications at Inria (National Institute for Research in Digital Science and Technology), then at Irstea (National Institute for Research in Science and Technology for the Environment and Agriculture); at the Ministry of Higher Education and Research: Director of the Cabinet of the Director General of Research and Innovation, then Head of the Science and Society Department. Since 2018, she has been director of the IHEST.

Claire Chenu

Claire Chenu is research director at INRAE (French National Research Institute for Agriculture, Food and Environment) and consulting professor of soil science at AgroParisTech. Her research, at Ecosys research unit, deals with soil organic carbon: dynamics, stabilization processes and the effect of cropping practices on soil C stocks. In 2019, she was the European Geosciences Union soil science medallist and she received the Inra Lifetime Achievement Award. She is involved in the science-policy-practice interface and in awareness raising activities on soils. She is a member the Scientific and Technical Committee of the 4 per 1000 initiative. She coordinates the EU H2020 European Joint Programme SOIL: "Towards climate-smart sustainable management of agricultural soils".

Frédérique Chlous

Her research focuses on the relationship between humans and the environment, more specifically on marine and coastal environments, from a social and cultural anthropology perspective. The research carried out concerns local knowledge, know-how, social representations of the environment and also forms of governance of natural areas including stakeholders. Participatory approaches are experimented and analyzed; they allow us to take into account the diversity of the relationships that the inhabitants have with their

environment, the processes of heritage and to discuss forms of management. She coordinates a network of participatory sciences and a Franco-German interdisciplinary and pioneering project "*Changing Natures – A participatory collection of the Anthropocene*".

Christine Chomienne

Professor Emeritus in Cell Biology & Hematology at the Université de Paris Cité, Inserm Research Unit 1131, in France.

She was Director of Research and Innovation at the French National Cancer Institute (INCa) and Director of the Cancer Institute of France Research Organisations (Inserm & AVIESAN). She is past president of the European Hematology Association. She was head of the Cell Biology Department at the Hôpital Saint Louis, Paris and Director of the University Inserm Research Laboratory at the Institut Universitaire d'Hématologie for the last 25 years. Dr. Chomienne is author of more than 270 peer-reviewed publications and has received several scientific (Academia of Science) and French governmental awards (Chevalier et Officier de la Légion d'Honneur).

Jean-Luc Chotte

Jean-Luc CHOTTE is a research director at the IRD (Institut de Recherche pour le Développement). His research topic investigates the impact of climate change and land use on soil organic matter dynamics (stocks and fluxes) in the tropics. He has led several research units between 2015 and 2019 he was a scientific expert member of the Policy Science Interface of the United Nations Convention to Combat Desertification. He is the scientific focal point of the IRD for the 4p1000 initiative since 2015. Jean-Luc Chotte is a corresponding member of the French Academy of Agriculture and a member of the French Scientific Committee to Combat Desertification (CSFD). He headed the Mission for the Promotion of Interdisciplinarity and Intersectorality at IRD from 2018 to 2021. He chairs the French Scientific Committee on Desertification (<http://www.csf-desertification.org/>) since July 2020.

Joanna Drake

Previously, she held the position of Deputy Director General in the Commission's Environment Directorate-General since 2016. She chaired a Task Force spear-heading strategic positions for the DG on the post-2020 Commission financial framework negotiations, Brexit co-ordination, the urban agenda and the future-proofing of the EU's environmental gains. Joanna is a doctor of laws from the University of Malta, where she lectured full time in the Department of European and Comparative Law. She held various legal and management posts in the private and public sector before joining the European Commission as head of the European Commission Representation in Malta in 2005. She had a key role in the Malta-EU accession negotiations as member of the Malta-EU Steering and Action Committee. She was director for SMEs and Entrepreneurship in the European Commission Directorate- General for Internal Market, Industry, Entrepreneurship and SMEs. During her tenure in DG GROW she also led the Commission's Task Force on The Collaborative Economy, New Business Models and SMEs.

Anna Ekström

After graduating from Stockholm University in History studies and Law (1980-1988), Anna Ekström begins her career as a District court clerk at Huddinge District Court. Throughout her career, she has been committed to the respect of employment rights and social inclusion, and has held, in parallel with her government mandates, leadership positions in various human rights organisations such as Transparency International Sweden and the European Trade Union Confederation. Moreover, she has been particularly active in the academic world, and has chaired, from 2003 to 2016, Uppsala University Board and Linköping University Board. After being State Secretary at the Swedish Ministry of Employment and the Ministry of Enterprise, Energy and Communications, she is named in 2011 Director-General of the National Agency for

Education. In 2016, she is appointed Minister for Upper Secondary School and Adult Education and Training, then Minister for Education in 2019.

Elena Ferrari

Elena Ferrari is a landscape designer, urban practitioner and researcher based in Berlin. She is co-creator of Open Soil Atlas, a grassroots mapping pilot project of Berlin's urban soil (promoted by Feld Food Forest community, coordinated by ACTION and co-funded by the European Commission under the Horizon 2020 framework). She is doing a doctorate in Urbanism at the Luav University of Venice (Italy). Her research investigates the cohabitation between humans and nature in the context of urban landscape transformations in contemporary Berlin. Other scientific interests include new emerging forms of urban gardening at a global level and social-cultural qualities of marginal natural spaces.

Stéphane Fournier

Stéphane Fournier holds a university diploma of technology in sales techniques (Nancy II, 1993) and a Magister degree in ICT's law (University of Poitiers, 1996). After working in the sales department of TDF East regional directorate (1993-1994) and in the legal department of Canal+ DA (1995), he joined the production legal department of Télé Images in 1996. In 2017, he became Secretary General of the international directorate of Télé Images International (audiovisual program export company). During the merger with the Marathon Group in 2006, he was appointed project manager in charge of coordinating the processes of the merged entities until 2008.

At the same time, from 2005 to 2008, Stéphane Fournier was co-founder and vice-president treasurer of the "Syndicat des entreprises de distribution de programmes audiovisuels" (Sedpa – Union for distribution of audiovisual programs companies). From 2008 to 2019, he acted as Secretary General of the TV France International association.

Émilie Frenkiel

Émilie Frenkiel is a lecturer at the University of Paris Est Créteil and a researcher at the LIPHA, of which she is the deputy director. She has taught and studied in Great Britain at the University of Exeter and in China at the University of Beijing. Her thesis in political studies at EHES focused on the contemporary debate on political reform in Chinese universities. It was published as *Parler politique en Chine* in March 2014 by Presses Universitaires de France. She is co-editor of *La Vie des Idées* and Books & Ideas. With Jean-Louis Rocca, she published *La Chine en mouvements*, PUF (collection "Vie des idées"), October 2013 and articles in *Participations*, *Politics & Governance*, *Critique Internationale*, *Journal of Chinese Governance* and *Tracés*.

Mariya Gabriel

Mariya Gabriel is the European Commissioner for Innovation, Research, Culture, Education, Youth and Sport. Under her leadership, the new Horizon Europe, Erasmus+, and the cultural strand of Creative Europe programmes (2021-2027) will be defined and implemented. Between 2017 and 2019, Mariya Gabriel was European Commissioner for Digital Economy and Society. She proposed the new Digital Europe programme, worked on EU Strategy on AI, disinformation online, cybersecurity and launched the EuroHPC strategy. She has extensively engaged with external EU partners to enhance digital cooperation, in particular with the Western Balkans and Africa. She was elected as Member of the European Parliament (MEP) in 2009, 2014 and 2019. Mariya Gabriel is First Vice-President of the European People's Party (EPP), and, since 2012, Vice-President of EPP Women. She holds a Master's degree in political sciences and international relations from the Institute of Political Studies (Bordeaux, France) and a Bachelor's degree in Bulgarian and French Languages from "Paisii Hilendarski" University (Plovdiv, Bulgaria).

François Galgani

François Galgani is a project manager at IFREMER and a member of the steering committee of the OCEANS/STARFISH Mission of the European Commission's Horizon Europe framework programme. He is a specialist in ecotoxicology and has been the leader of a European Commission technical group on plastic pollution, co-leader of the GESAMP WG40 "plastic pollution" group of the International Oceanographic Commission and member of several international scientific groups (UN/UNEA/Science Advisory Committee, G7 and G20, IMO/FAO, OSPAR and Barcelona conventions). François Galgani is the author of numerous scientific publications (<https://annuaire.ifremer.fr/cv/16060/>). He is also editor-in-chief of the journal Marine Pollution Bulletin and responsible for the "marine litter" chapter of the United Nations Ocean Assessment (WOAII, 2021).

Petr Gazdik

Petr Gazdík was born in Uherské Hradiště in 1974. He graduated at the Faculty of Education of Masaryk University in Brno, in the field of teaching of general educational subjects (mathematics–geography). In 2002 he was elected mayor of Suchá Loz, a position he led for two terms. In 2010 he was elected a Member of Parliament of the Czech Republic, and defended his seat in the following three parliamentary elections. In the Chamber of Deputies, he held the function of chairman of his parliamentary group (TOP 09 and Mayors) and in the following term Deputy Speaker of the Chamber of Deputies. He is a co-founder of the *Mayors and Independents* movement and was its Chairman during 2009–2019. During the previous electoral term he was also a member of the Committee for Science, Education, Youth and Sports or the Election Committee. For four years, he was chairman of the Czech Commission for UNESCO. Since 2020 he has also been a member of the think tank "Vzdělávání21" (Education21) at Charles University, where he is currently teaching regional politics as an external lecturer, at the Faculty of Social Sciences. On 17 December, 2021, he was appointed Minister for Education, Youth and Sports.

Claire Giry

In May 2021, Claire Giry is appointed Director General of Research and Innovation at the Ministry of Higher Education, Research and Innovation. A doctor in molecular and cellular biology, trained at the Ecole Normale Supérieure in Lyon, Claire Giry has been responsible for developing national, European and international partnerships at the French Atomic Energy Commission (CEA) and the French National Institute for Health and Medical Research (Inserm). She was also technical advisor to the Prime Minister for higher education and research between 2007 and 2009. She then became head of the joint department of the General Directorate for Higher Education and Professional Integration (Dgesip) and the General Directorate for Research and Innovation (DGRI) of the Ministry of Higher Education and Research. Claire Giry then directed the "Centers of Excellence" program of the General Commission for Investment, before joining Inserm in 2012.

Anthony Goret

Director of communication for the National Union of Leisure, Attraction and Cultural Parks (SNELAC), part-time professor at Cergy Paris University in tourism engineering, cyber environment and project support, auditor of the Wangari Maathai promotion of the national cycle of the Institute of Advanced Studies for Science and Technology (IHEST). Curious and self-taught, Anthony made his debut in artistic and cultural circles, before resuming studies in tourism and heritage. He then evolved in the world of tourism and leisure with varied experiences in France and abroad.

Agnès Grandou

Agnès Grandou holds a Master's degree in spatial planning and has worked for 25 years in the public sector in Rouen. From 1996 to 2010, she was in charge of studies at the Syndicat Mixte de l'agglomération Rouen-Elbeuf, where she contributed to the elaboration of the Schéma de Cohérence Territoriale, and then to its implementation (definition of the commercial urban planning scheme and opportunity and feasibility studies for the new Rouen station project). From 2010 to 2017, at the Métropole Rouen Normandie, she directed the pre-operational studies for the T4 high service level bus line. Since 2017, in charge of the local COP21, she has been in charge of setting up tools to mobilise and engage citizens, municipalities and companies in the fight against climate change. Today, she coordinates the ecological transition policies at the Métropole's general management, and represents the Métropole in the European partnership Urbanpact.

Françoise Guaspare

After having worked at the Île-de-France Region's Vice-President's cabinet on transport for 9 years, Françoise Guaspare is in charge of transport and mobility at the representation of the Paris Region in Brussels since 2008. She has always been involved in producing positions in transport policy on behalf of the European Regions. She was a member of various expert groups of the Commission, such the Sustainable Transport Forum (STF) focusing on financing in the framework of the alternative fuel in Cities or in the TEN T group and she is also a member of the assembly of the Cities Mission. She leads the Transport working group of ERRIN (European regional network on research and innovation) and the governance and integration working group of the POLIS Network. She currently coordinates the S3 Safe and Sustainable Mobility Thematic Platform. She is Vice-chair of ERTRAC, the European Road Transport Research Advisory Council and represent of the public sector at the CCAM European partnership board.

Ângela Guimarães Pereira

Ângela Guimarães Pereira, MSc. Ph.D has been at the European Commission's Joint Research Centre since 1992. She leads the Competence Centre on Participatory and Deliberative Democracy, contributing to mainstream citizen participation practices across the EU policy cycle and science. She has been involved in many European projects focusing on environmental and technology governance, future-oriented activities and public engagement institutionalisation. Post-normal science inspires her work on governance of and dialogues about science and technology. She has authored many peer-reviewed publications, contributing to books such as "The rightful place of science: science on the verge" ASU, 2016. Her interests lie in intersections of science with other ways of knowing, such as the arts and what is called 'traditional knowledge'. Her favourite story is Hans Christian Andersen's "The emperor's new clothes".

Agnès Grandou

Agnès Grandou holds a Master's degree in land-use planning and has worked for 25 years in the public sector in Rouen. From 1996 to 2010, she was in charge of studies at the Syndicat Mixte of Rouen-Elbeuf conurbation, where she contributed to the elaboration of the Territorial Coherence Scheme, and its implementation: definition of the commercial town planning masterplan and studies for the new Rouen train station project. From 2010 to 2017, at the Rouen Métropole Normandie, she led the pre-operational studies for the T4 High Quality Service Buse line. Since 2017, in charge of the local COP21, she has been leading the implementation of tools to mobilize and engage citizens, municipalities and businesses in the fight against climate change. She is currently coordinating the ecological transition policies at the General Directorate of Rouen Métropole and represents the authority in the European partnership Urbanpact.

Eija Hagelberg

Eija Hagelberg (M.Sc.) works as a Project Director at a Helsinki-based private foundation Baltic Sea Action Group (BSAG) on regenerative agriculture projects, especially Carbon Action. Hagelberg has wide networks and a long experience in sustainable and regenerative agriculture in collaboration with the key stakeholder groups. She always wants to emphasize the role of peer learning among farmers in developing agriculture to more environmental-friendly direction. Continuous dialog between farmers, advisors, researchers, and decision-makers is crucial to implement best methods into the practice and to scale the methods to most of farmers. Soil management is a win-win situation, where both farmer and environment benefit from the same measures. In addition, the same measures help in both mitigation and adaptation of the climate change. We should strongly encourage and support farmers to go towards activities where several benefits can be achieved at the same time.

Charlotte Halpern

Charlotte Halpern is a political scientist, researcher at Sciences Po Paris, in the Centre for European Studies and Comparative Politics (CEE). She is interested in the transformations of public action, analysed in a comparative perspective. She has developed a strong research and teaching experience on environmental and sustainable city policies, territorial governance, and infrastructure management. She co-edited the book "Villes sobres" (with D. Lorrain and C. Chevauché, Presses de Sciences Po, 2018) and is preparing an habilitation to direct research on transition policies towards sustainable mobility in Europe based on surveys carried out in connection with the projects H2020 CREATE, MORE and CIVITAS SUMP-PLUS. She is the director of the Executive Master Territorial Governance and Urban Development at Sciences Po (Urban School), the Environmental Policies axis of the Interdisciplinary Laboratory for Public Policy Evaluation (LIEPP) and she is a member of the board of the "Centre des politiques de la Terre" (Centre for Land Policy) (Sciences Po and University of Paris).

Edith Heard

Professor Edith Heard obtained her PhD from the Imperial Cancer Research Fund (later Cancer Research UK), London. Thereafter, she spent nine years at the Institut Pasteur in Paris. In 2001, she set up her group at the Institut Curie and in 2010 became Director of the Institute's Genetics and Developmental Biology Unit. Edith was appointed as a Professor of the Collège de France in 2012, holding the Chair of Epigenetics and Cellular Memory. In January 2019, Edith started as Director General of EMBL. Edith's group was among the first to show that the epigenetic process of X-chromosome inactivation (XCI), whereby one of a female's two X chromosomes is silenced during development, is remarkably dynamic. Edith's current research focuses on understanding how chromatin and chromosome organisation participate in gene regulation. Edith and her laboratory have been recognised by many prizes, most recently recently the L'Oréal-UNESCO For Women in Science International Award, the Hansen Family Award, the Karl Bonhoeffer Award, Inserm Grand Prix, the European Society for Human Genetics Award and the Prix René et Andrée Duquesne of la Ligue contre le cancer. Edith is an Honorary Fellow of Emmanuel College, at the University of Cambridge, a Fellow of the Royal Society, an EMBO member, a Foreign Associate of the National Academy of Sciences (US), an International Member of the National Academy of Medicine (US), a member of the German National Academy of Sciences Leopoldina and she has an Honorary Degree Doctor of Science *Honoris causa* at the University of Cambridge and an Honorary Professor Degree at the University of Heidelberg. Edith has participated in numerous scientific boards and is currently a member of the Scientific Advisory Board of the CNRS (France), the BRIC (Copenhagen, Denmark), the IMBB (Crete, Greece), the Crick Institute (London, UK) and the WHO Science Council.

François Houllier

Since September 2018, François HOULLIER has been President and CEO of IFREMER, the French research institute dedicated to marine science and technology and which operates the French oceanographic fleet for the benefit of the entire scientific community.

A graduate of the Ecole Polytechnique and the Ecole Nationale du Génie Rural, des Eaux et Forêts, he holds a doctorate from the University of Lyon I. He is a member of the French Academy of Technology and the French Academy of Agriculture. Since 2020, he has chaired AllEnvi, the national alliance that brings together public institutions involved in research on and for the environment.

He was president of INRA (2012-16), then Sorbonne Paris-Cité University (2016-18). In 2015 and 2016, he submitted three reports to the French government: on participatory science (<https://hal.archives-ouvertes.fr/hal-02801940/>); on research and innovation in agriculture (<https://hal.inrae.fr/hal-02801878v1>) and for the forestry and wood industry (<https://hal.inrae.fr/hal-03183659>).

Arwyn Jones

Dr Arwyn Jones is from the European Commission's Joint Research Centre where he is coordinating the development of the recently established EU Soil Observatory, which aims to support soil related policies under the European Green Deal. He is based in Ispra, which is on the Lago Maggiore in the north of Italy. He has been working at the JRC for almost 30 years on a range of soil related projects. He believes strongly that increased engagement with all members of society is the key to protecting soils. He is the lead author of the JRC Soil Atlas Series and chaired the development of the Global Soil Partnership's Pillar 2 Action Plan on education and awareness raising. He has a PhD on the application of remote sensing for mapping soils and landforms in arid environments.

Anne Jourdain

After 20+years of experience as Consultant for Governments, multinational companies and innovative tech-SMEs (in Energy, Environment - waste and water management, Telecoms, High Techs, Industry) and 5+years as Senior Executive within French CAC40 companies (Capgemini and Engie as Head of IT Strategy & Digital Transformation), Anne JOURDAIN founded France Asia Boost in 2015 and AZUR Advisory in 2021, top C-Suite Strategic Advisor in international business. She is French, holds a MBA from ESCP BS (Europe) and certificates from MIT Sloan School of Management (USA), College for Higher Education in Environment and Sustainability (France), Institute for High Studies in Security and Justice (France), IHEST Institute for Higher Education in Science and Technology (France). She is a certified Board Member from IFA / SciencesPo (Paris) and a Member of the individual Shareholders Committee of Renault Group.

Jana Kolar

Dr. Kolar is Executive Director of CERIC-ERIC, a research infrastructure consortium in material science, established by the European Commission's Implementing decision. She has a broad range of expertise, ranging from research to policy development and implementation, to innovation. Trained as a chemist, she had published more than 60 peer reviewed papers and a European patent. She is currently a member of the High Level Group of Innovators for a European Innovation Council, that advises the Commission on how to strengthen support for breakthrough, market-creating innovation and a member of the ERA Council Forum Austria – a high-level expert body advising the Austrian Minister responsible for Science and Research. Between 2012-18 she was a member of the Governing Board of European Institute of Technology and Innovation (EIT).

Pascal Lamy

Pascal Lamy holds various mandates at the global, European and French levels. In particular, he is the President of the Paris Peace Forum, of the European branch of the Brunswick Group and coordinator of the Jacques Delors Institutes (Paris, Berlin, Brussels). Pascal Lamy served two terms as Director General of the World Trade Organization (WTO) from September 2005 to September 2013. He is a graduate of the *École des Hautes Études Commerciales (HEC)* in Paris, of the Faculty of Law (*Sorbonne*), of the *Institut d'Études Politiques (IEP)* and of the *École Nationale d'Administration (ENA)*. He began his career in the French civil service. Between 1985 and 1994, Pascal Lamy was the Director of Cabinet of the President of the European Commission, Jacques Delors. In 1994, he joined the team in charge of the turnaround of Crédit Lyonnais, where he became Chief Executive Officer until its privatization in 1999, before returning to the European Commission as Trade Commissioner until the end of 2004. In 2005, he was elected to head the WTO. He has received the title of Doctor Honoris Causa from 8 universities as well as numerous awards and distinctions in France and around the world. Pascal Lamy chairs the Paris Peace Forum since 2019, the French National Committee of the Pacific Economic Cooperation Council (PECC), the European Starfish mission (ocean), the Danone mission committee, the Aspen Africa-Europe meetings. He co-chairs the Antartica 2020 coalition.

Johan Langot

Director of Instant Science, a non-profit association committed to science-society dialogue. Based in Toulouse, Montpellier, Fleurance, and Tarbes, it is the result of the merger of *Science Animation* and *A Ciel Ouvert*, associations that have been working for over 30 years in the field of scientific mediation and cultural engineering in Occitania. Astronomy, artificial intelligence, climate, archaeology, health, sociology, digital manufacturing... Instant Science explores all fields. With the help of scientific, industrial and educational partners, it designs animations, exhibitions, meetings or playful devices, to encourage astonishment, pleasure and the desire to dive into the heart of research and innovation. And this, in all places and at any time.

Bénédicte Leclercq

Bénédicte Leclercq is head of the "Science and Society Encounters" department at Universcience, the Parisian institution that groups together the *Palais de la découverte* and the *Cité des sciences et de l'industrie*. Her missions aim at enlightening, with the help of scientific knowledge, the decisions of everyone in their daily life, concerning in particular the use of technologies, ethics, "living together" and environmental issues. After her doctorate in solid state physics, she began a career as a science journalist for the magazine *Pour la science*, the French edition of Scientific American. She has also edited collections of popularization books and has written several with scientists. The cycle of the *Institut des hautes études pour la science et la technologie (IHEST, promotion Michel Serres)* has nourished her reflection on the engagement of citizens in the transitions we are experiencing, particularly around climate issues.

Caroline Lejars

Caroline Lejars is senior scientist in management sciences at CIRAD and currently deputy director of the G-eau research unit. Her research focuses on the analysis and development of water management strategies in support of organizations and managers, in particular in North and Southern Africa.

Caroline Lejars is involved in the supervision of PhD studies especially in Mediterranean countries. She is currently a member of the two projects (PACTE in Tunisia, SERTOES in Brazil) that aim to support the co-design and concerted planning in investments in water territories.

Valérie L'Hostis

Valérie L'Hostis is in charge of institutional partnerships in the CEA's energy department. In this context, she develops European partnerships on the theme of technologies and materials for energy. She is also a research director at CEA on the theme of the behavior and aging of materials. She is also active in communication activities with young people and the general public. She is the author of a popularization book on the corrosion of metals. After 8 years as a researcher at the CEA's Concrete and Clay Research Laboratory studying the corrosion mechanisms of reinforcement in concrete, in 2010, she obtained the Habilitation to Supervise Research from the University of Toulouse and was promoted to "Senior Expert" at the CEA. From 2011 to 2019, she is in charge of the Concrete and Clay Studies Laboratory. She then became project leader for the behavior of materials for the various components of nuclear reactors. She was promoted to "director of research" at the CEA in 2021. She is the author of more than 70 international publications.

Hervé Le Treut

Hervé Le Treut was born in 1956 in Toulon. After studying at the Ecole Normale Supérieure and writing a thesis on the modeling of clouds in the climate system, Hervé Le Treut began a career as a physicist and climatologist. Currently a professor at Sorbonne University, he studies the human influence on global warming and the greenhouse effect. He participated in the first five reports of the IPCC, the Intergovernmental Panel on Climate Change. At the request of the Regional Council of Aquitaine, and later of New Aquitaine, he brought together scientists from academic circles in the region in 2013 to provide local stakeholders with the knowledge they need to adapt to climate change. Called AcclimaTerra, this regional group of climate experts has produced two reports and two thematic notebooks.

Bruno Maquart

Bruno Maquart is an agricultural engineer, graduate of the *Institut national agronomique Paris-Grignon*, former student of the *Ecole nationale d'administration (ENA, promotion Condorcet)* and Inspector General of Social Affairs. For nearly thirty years, his career has been in two sectors of public action: social affairs and culture. From 2001 to 2007, he was Director General of the *Centre Pompidou*, responsible for the operational management of this institution. In this capacity, he accompanied the deployment of the *Centre Pompidou* in the regions. Chosen to coordinate the *Louvre Abu Dhabi* project in the United Arab Emirates, Bruno Maquart was appointed head of the Agence France-Museums in 2007, a structure that he set up and directed until 2010. At the end of 2012, he joined the cabinet of the Minister of Social Affairs and Health, Marisol Touraine, and was its director from 2013 to 2015. He was then appointed President of Universcience. Bruno Maquart is an Officer of Arts and Letters and a Knight of the Legion of Honor. He is president of ECSITE, the first European network of science centers and museums, and a member of the boards of directors of the *Musée des Confluences* in Lyon, the *Agence nationale de recherche (ANR)* and the *Centre national de la recherche scientifique (CNRS)*.

Marie-Claire Martel

Marie-Claire Martel has been involved as a volunteer for many years in artistic associations, with the desire to make everyone an actor of culture. She has thus contributed to the creation of the Federation of Users of the Performing Arts (FUSE), an organization of which she is now vice-president and which brings together students, amateurs and parents of music, dance and theater students. Since 2015, she has been President of the Coordination des Fédérations et Associations de Culture et de Communication (COFAC) and administrator of the Mouvement associatif. Marie-Claire Martel is also a sophrologist. She will represent the associations group at the EESC Bureau, and sits in two sections (Education, Culture and Communication; Agriculture) as well as in the delegation for overseas France.

Fabienne Martin-Juchat :

Fabienne Martin-Juchat, an IHEST auditor, is a university professor in information and communication sciences at Grenoble Alpes University (Gresec), and a member of the MIAI Ethics and AI Chair. She is developing an anthropology of bodily and affective engagement in organizations, with participatory co-design methodologies. She is responsible for a research program on devices in transformation. She has held the position of Vice President of Valorisation SHS and designed the *Maison de la Création et de l'Innovation* of the University of Grenoble Alpes, a 7000m² technological platform dedicated to the accompaniment of change by SHS.

Yves Mathieu

Yves Mathieu is founder and co-director of Missions Publiques, an agency specialised in citizen participation. Since 1998, Missions Publiques has initiated or organised more than 1200 citizen dialogues in 125 countries. Between 2015 and 2018, he accompanied the CIMULACT project in the framework of the European Commission's Horizon 2020 programme in 30 European countries and associated states. Objective? To co-construct research programmes based on citizens' visions of desirable futures. Successive dialogues between citizens, experts and researchers made it possible to identify the main research needs to bring about more ecological, democratic and just European societies.

Alice Mazeaud

Alice Mazeaud is a lecturer in political science at the University of La Rochelle and a researcher at the LIENSs laboratory (Littoral, ENvironment and Societies, UMR 7266). Her work focuses on the transformations of political work and public action in relation to the rise of participatory and environmental imperatives. Some of her recent publications can be mentioned : *Governing the ecological transition rather than strengthening environmental democracy : a deceptive institutionalisation of citizen participation*, in the *Revue française d'administration publique* (2021), and *Do the French want more democracy? Qualitative analysis of citizens' relationship to politics*, in *Sociologie* (2018).

Marzia Mazzonetto

CEO and co-founder of Stickydot, a Brussels collective dedicated to multi-stakeholder engagement in research and innovation. Her work focuses on ensuring that all voices are included when it comes to co-creating research and innovation in a way that addresses the big societal challenges of our times. She is Executive Director of BE participation asbl, a non-for-profit organisation fostering empowerment processes which enable Brussels disadvantaged inhabitants to be active and responsible citizens. She coordinates the H2020 EU-funded project MOSAIC (Mission-Oriented SwafS to Advance Innovation through Co-creation) and is deputy coordinator of the project TRANSFORM, focused on strengthening RRI practices in three European regions. She has been co-leading the development of the EU-Citizen.Science platform for the European Citizen Science Association and she has been part of the Forum for Research and Innovation to advise on the responsible governance of Research and Innovation for the Lombardy regional government.

Sonia Méhault

Sonia Méhault is an engineer in fisheries biology and technology at Ifremer Lorient, France. Her research is mainly dedicated to fishing gear. She took part in many projects to improve gear selectivity or to develop less impacting gear. In the context of the Fisheries Common Policy, she also studied discards survival after catch and release onboard of commercial vessels. Most of her work is led in collaboration with fishers. More recently, she took part in citizen sciences to improve knowledge on lost fishing gear by developing the Fish&Click tool (Interreg « Indigo » project).

She is a graduate from Intechmer (CNAM) and Master in Fisheries from Aberdeen University. She worked at Fisheries Research Services (now Marine Scotland), as well as at CSIC and IEO of Vigo before incorporating Ifremer in 2009.

Béatrice Melin

Professor Béatrice Melin is coordinator of the PREDICT project - for personalised health using stored biobank samples. She has worked on patient participation and citizen engagement in her previous work on improving cancer care in Sweden as part of the Swedish National Cancer Strategy. In the regional cancer centres that have been developed from 2011 onwards, patient participation has been used at all levels in the Mission mode. Over the past three years, Beatrice Melin has integrated the experience of patient and citizen engagement into the PREDICT project, a research platform for using 'biobanked' samples with health data. The next step is not only to involve citizens in the way research is conducted, but also individuals in their own efforts to stay healthy.

Delphine Moralis

Delphine Moralis is the Chief Executive Officer of the European Foundation Centre, and designated Chief Executive Officer of the Philanthropy Europe Association – Philea*. Philea nurtures a diverse and inclusive ecosystem of foundations, philanthropic organisations and networks working for the common good. It helps its members be inspired, act together and achieve greater impact by sharing data and knowledge, exchanging best practices, connecting around common themes, engaging in policy work, and more.

Prior to joining Philea, Delphine was Secretary General of Terre des Hommes International Federation, a network of nine organisations working in 71 countries working for the rights of children and to promote equitable development without racial, religious, political, cultural or gender-based discrimination. Before Terre des Hommes, Delphine was Secretary General of Missing Children Europe, an organisation that brings together 31 NGOs from 27 countries and provides the link between research, policies and organisations on the ground to protect children from any kind of violence, abuse or neglect that is caused by or results from them going missing. In this capacity, she led the establishment of the network of hotlines for missing children operated in all EU Member States, the Europol-led 'European Financial Coalition for Missing and Sexually Exploited Children' and the Network of Cross-Border Family Mediators. She has championed various advocacy and awareness campaigns and (co-)authored publications on the protection of missing children.

Delphine has also held positions in advocacy and public affairs at Child Focus, the European Youth Forum and Cable Europe. She has a Master's degree in Philosophy and an Advanced Master's Degree in European Studies.

In December 2021 Delphine was appointed President of the Board of Directors for Enabel, the Belgian development agency which aims to build a sustainable world where women and men live under the rule of law and are free to thrive.

Nicolas Ngo

Nicolas Ngo is the head of the department of relations between science and society at the Ministry of Higher Education, Research and Innovation. He is a specialist in the elaboration and management of public policies in the cultural, educational and higher education and research fields. He participated in the conception of the national roadmap "science with and for society" as well as in the first French strategy for scientific, technical and industrial culture. He is a director of the *Muséum national d'Histoire naturelle*, the *Musée du quai Branly, Universcience* and the *Institut des hautes études pour la science et la technologie*.

Amandine Orsini

Amandine Orsini (née Bled) is a full-time Professor in Political Science since October 2012 at the Université Saint-Louis - Brussels and Visiting Professor at the Université libre de Bruxelles (ULB). She holds a PhD in Political Science, specialising in Comparative Politics and International Relations, from Sciences Po Bordeaux since 2009. Her thesis benefited from two research stays at Keele University (10 months in 2005-2006, Marie-Curie scholarship) and Warwick University (4 months in 2007, Garnet scholarship). She then obtained two post-doctoral contracts, including an FNRS research fellowship at the ULB. In 2011, she carried out a research stay at the Graduate Institute of International and Development Studies in Geneva (1 month, COST IS0802 grant) and in 2019 a one-year scientific mission at the European University Institute in Florence (12 months, FNRS funding). In January 2020, she is Visiting Professor at Sciences Po Grenoble and in April and May 2020 Visiting Professor at the Libera Università Internazionale degli Studi Sociali Guido Carli (LUISS).

Amandine is a scientific collaborator of REPI (Research and Studies in International Politics) and the Institute of European Studies of the ULB and a member of the international network Earth System Governance. She participates in the collective research project REFRACT (FWO 2015-2020), on the fragmentation and complexity of global governance, the Jean Monnet Module 'European Leadership for Global Change? Internal and External Dimensions of Europe's Climate, Energy and Environmental Policy' (2019-2022), and coordinates POLLEN, Jean Monnet Module (2016-2019), on EU environmental law and policy. She also regularly co-organises the WIRE (Workshops in International Relations), a series of international workshops in international relations which she created in 2010.

Jean-Éric Paquet

Since April 2018, Jean-Éric Paquet has been the head of the European Commission's Directorate General for Research and Innovation. Before starting his professional career, Jean-Éric Paquet studied European affairs at the College of Europe in Bruges and German at the Robert Schuman University in Strasbourg. In 1993, Jean-Éric Paquet joined the European Commission. He has worked for the Directorate General for Transport and the Directorate General for Enlargement. He was also EU ambassador in Mauritania from 2004 to 2007. His involvement in the research policy of the European Union goes back to 2002, as deputy head of cabinet of Philippe Busquin, then Commissioner in charge of research and development.

Jana Pelouchova

A diagnosis of chronic myeloid leukaemia in 2002 transformed Jana Pelushova's career from diplomat to blood cancer patient advocate. After working to build a tight-knit community of leukaemia patients (Diagnoza, z.s. society), she represents patients on the Patient Advisory Council of the Czech Ministry of Health. Jana Pelushova also co-founded global haematology patient platforms hosted by the Swiss charity (Leukemia Patient Advocates Foundation) which she chairs. Secretary of the Board of the European Cancer Patient Coalition (ECPC 2010 - 2019), she chairs the working group on rare cancers and represents ECPC on the ECCO and EHA patient advisory committees. Jana Pelushova is a member of the ESMO Patient Advocacy Working Group, the Steering Committee of the CML Advocates Network, and Treasurer of the CLL Advocates Network.

Geneviève Pons

She was in charge of environmental and climate matters in the cabinet of Mr. Jacques Delors, President of the European Commission (EC) from 1991 to 1995. She thereafter held several management positions at the EC. In 2013, she was appointed Director of the ILO's Legal Service, and in June of 2015 Director of WWF European Office. From November 2017 she heads Europe Jacques Delors. She is a graduate from Sciences-Po Paris, the Sorbonne, and ENA.

She is copresident of the Antarctica2020 coalition, which aims to protect vast marine areas around Antarctica. She is also copresident of IFREMER Stakeholders Committee. She is a member of the Mission Healthy Oceans, Seas, Coastal and Inland Waters. She is also the Vice President of Transparency International Europe, and a member of the jury for the European Book Prize. Geneviève Pons is « Chevalier » in the Legion of Honour.

Magali Reghezza-Zitt

Magali Reghezza-Zitt is a lecturer in environmental geography qualified to direct research at ENS-PSL. Her work focuses on natural disaster risk prevention, the vulnerability of urban areas, the resilience of societies and territories, and adaptation to climate change. She studies these themes through their social and spatial dimensions and integrates planning and sustainability issues. Her fieldwork is located in metropolitan France and the Antilles. She is a member of the High Council for the Climate and participates in several scientific committees and councils.

Walter Ricciardi

Walter Ricciardi is Professor of Hygiene and Public Health at the Università Cattolica del Sacro Cuore (UCSC). In 2020, he was appointed scientific advisor to the Italian Minister of Health for the coronavirus pandemic. He is also, since 2020, Scientific Director of ICS Maugeri. In May 2018, he was elected President of the World Federation of Public Health Associations (WFPHA). He is also coordinator of the SAB - Human Technopole Foundation and ordinary member of the Pontificia Academia pro Vita (Vatican). In addition, Walter Ricciardi is editor of the European Journal of Public Health, the Oxford Manual of Public Health Practice and founder of the journal Epidemiology, Biostatistics and Public Health. Previously, Walter Ricciardi was President of the Italian National Institute of Health, President of the European Public Health Association (EUPHA) and Italy's representative to the WHO Executive Board. He was awarded Laurea Honoris Causa at Thomas Jefferson University (USA) and the title of "Commendatore" of the Italian Republic.

Douglas Robinson

Originally trained as a physicist and space scientist, Douglas has been both researcher and consultant focusing on the emergence of breakthrough technologies and their transformation into working technologies in society. A large part of his work is connecting academic research with real-world problems, through engagement exercises, operationalising responsible research and innovation (RRI), multi-stakeholder technology assessment and the development of policy relevant intelligence. Recently, Douglas has been engaged in the ramifications of mission-oriented policies for the research and innovation system, and how missions can be implemented by both targeted policy, by researchers and through co-creation activities with firms and citizens. Douglas has published work on mission implementation with Prof. Mariana Mazzucato and is an associate of her Institute for Innovation and Public Purpose.

Isabelle Salvet

Now cured of several cancers, Isabelle Salvet has a long career in the health and medico-social sector. She has been involved since 2012 with former cancer patients to have their post-cancer difficulties recognized, especially when returning to work. She is chair of the committee of health democracy since 2017. She participates in many groups of work compiled by the French National Cancer Institute (INCa), for example on the right to be forgotten, on the system announcement of cancer and on the prevention of professional withdrawal after the cancer.

Nathalie Sauze

Since 1987, Mrs Nathalie Sauze-Vandevyver has held various positions within the services of the European Commission (Financial Control, DG Enterprise and DG AGRI). After 18 years in DG AGRI legal department, she has been nominated in October 2017 as Director of the

Directorate "Quality, Research and Innovation, Outreach" within the Directorate-General for Agriculture and Rural Development. Her mission is, in particular, to promote research and innovation in the agricultural sector through the EU's research policy (Horizon 2020 and Horizon Europe). In 2021 she was appointed Mission Manager for the mission "A soil deal for Europe".

Arnaud Schwartz

Arnaud Schwartz joined the France Nature Environnement (FNE) movement in 2002 through the Alsace Nature association. He held a variety of responsibilities from local group to regional office, then national office, including thematic networks, until he becomes national secretary and then president of FNE in 2020.

Lionel Scotto d'Apollonia

Lionel Scotto d'Apollonia has a PhD in sociology and is a research engineer at the University of Montpellier. He is expert on controversies and climate change. He is an associate researcher at the Interdisciplinary Research Laboratory in Didactics, Education and Training at the University of Montpellier, and is deputy director of the PARCS (Participatory Action Research and Citizen Sciences) research group. He is co-founder, with Davia Dosias-Perla, of the association *Artivistes-atelier*, a citizen laboratory that develops participatory action research and citizen science programs on science-society issues. Lionel Scotto d'Apollonia is the author of the book *Controverses climat & Anthropocène, Enjeux démocratiques du dialogue sciences-société, Collection Essais, Editions matériologiques, 2022*.

Jean-François Soussana

Jean-François Soussana is Vice-Chair for international at INRAE (French National Institute for Agriculture, Environment and Food). Agronomic engineer, he holds a PhD in plant physiology and has led a research lab on grassland ecosystems and global. Member of the Working Group II of IPCC as Lead Author since 1998, he coordinates research projects on agriculture, soils, and climate change at a global, national, and European scale. Highly cited researcher (Clarivate Analytics, 2018) has published over 180 refereed research papers in international journals. He was awarded a shared Nobel Prize for Peace in 2007 with all Lead Authors of IPCC AR4 as well as many national and international prizes.

Jacques Thomas

Jacques THOMAS is an ecologist expert in the conservation of hydromorphic soils. He chairs the Association Française pour l'Etude du Sol and runs the Eiwa cooperative group, which is made up of the cooperative companies Scop SAGNE, Rhizobiôme and KAIROS compensation. The French Association for Soil Research (www.afes.fr) brings together all those interested in the various aspects of soil research. It works to facilitate the exchange of knowledge about soils in order to contribute to the preservation of this natural environment and this fundamental but threatened resource. Faced with the profusion of information disseminated in the media, and in a context of strong increases of stress on soils, Afes, as a learned society, plays an essential role as a direct and reliable channel between research and civil society.

Yann Toma

Yann Toma is an artist-observer at the UN (New York), a conceptual artist, a university professor at Paris 1 Panthéon-Sorbonne, a full member of the ACTE Institute and director of the Master in Arts and Vision (MAVI). He coordinates multiple research projects. His work crosses energy, networks as well as ethics. As an artist, his projects experiment with a redistribution of energy between the artist and his audiences, the latter depending on the audience to produce the work so that it is truly communal (Dynamo-Fukushima, Grand Palais, September 2011 - Human Energy, Eiffel Tower, December 2015 - Human Greenery, Forbidden

City of Beijing, October 2016 - United Nations New York 2017) and transformation-oriented. He is also the founder and co-founder of the Maximalism movement, of the Sorbonne Artgallery as well as the president of Sorbonne Sustainable Development, a collaborative network structure.

Virginie Troit

Virginie Troit is Director of the French Red Cross Foundation. She joined the Foundation after an 8-year experience in local and international humanitarian NGOs (Médecins sans Frontières, Handicap International) in different countries and a 9-year career in the private sector in international management. She is a member of the Board of the International Humanitarian Studies Association (IHSA) of and a committee member of the review Humanitarian Alternatives. She holds a master in management, a master in political science, a university diploma in ethics and medical practices and is a PhD candidate in international relations at Sciences Po Paris School of research (CERI).

Romain Troublé

Romain Troublé has a Master 2 in molecular biology from Sorbonne Universities and a Master from HEC & Telecom Paris. He has also been a professional sailor at the highest level with, notably, two participations in the America's Cup for French challenges in 2000 and 2003 in Auckland, NZ. From 2003 to 2006, he worked for a company specializing in polar logistics in the Arctic, Antarctic and Siberia for sports and scientific expeditions to the poles as well as discoveries of frozen mammoths in the permafrost. Since 2004, he has been in charge of the operational management of the Tara expeditions and since 2009, he is the General Manager of the Tara Ocean Foundation. Romain is also President of the Ocean Climate Platform association since 2017, which brings together more than 96 institutions, foundations, companies, local authorities and associations to advocate for the place of the Ocean in the climate and biodiversity issues.

Nathalie Van Den Broeck

She has a PhD in Oceanography (biogeochemistry) and a MBA in international management (Kedge Business School). Until 2014, she was the head of Environment and Lobby Department in the NGO Surfrider Foundation Europe. She is a member of CESER Provence Alpes Côte d'Azur and she has been elected Vice President since 2013. Meanwhile, in 2017, she created an expertise and consulting company in ecology and sustainable development in Marseilles. She has been a member of the Board of Surfrider Foundation Europe since 2019 and became Vice President the following year.

Since 2020, she represents Surfrider at the CESE in the Environment and Nature group, within the "European and International Affairs" commission.

Rosalinde van der Vlies

Before her appointment as Director, Ms. van der Vlies was the Head of Coordination & Interinstitutional Relations Unit, and acting Head of Communication & Citizens Unit of the European Commission. Previously she held positions in Directorate-General Environment, Directorate-General Justice and Home Affairs, and in the private office of Janez Potočnik, the European Commissioner for the environment. Before joining the European Commission, she worked as a competition lawyer in an international law firm in Brussels and was a part-time teacher at the Catholic University in Brussels.

Jean-Pascal van Ypersele

Jean-Pascal van Ypersele is full professor of climatology and sustainable development sciences at [UCLouvain](#) and member of the [Académie royale de Belgique](#). A physicist and climate

modeller who worked at [NCAR](#) (National Center for Atmospheric Research, USA), he has published with natural and social scientists about climate change and sustainable development at global and regional scales for forty years. He has been extensively involved in the [IPCC](#) since 1995, and was IPCC Vice-Chair from 2008 to 2015. He has participated to most UN conferences on climate issues since 1979, including almost all COPs. He regularly briefs Heads of State and Government and is occasionally consulted by Greta Thunberg.

Risto Veivo

He leads the section at the Central Administration responsible for Climate, Environment and Energy Policy, Circular Economy and Resource Wisdom. His current responsibilities include the Turku Climate Plan 2029, aiming at making Turku one of the first Climate-positive areas in the world by 2029. Prior to joining the Central Administration of Turku in 2009, he worked over ten years in international Sustainable Development cooperation, including as Head of Sustainable Development Unit at Council of Baltic Sea States. Mr. Veivo has successfully developed and managed Baltic Sea regional and wider international sustainable development programs and projects, including also between the local authorities in Baltic Sea and Lake Victoria regions. He holds MA in Cultural History from University of Turku and has a diverse educational background with studies also in Sciences and Medicine.

Frédérique Vidal

Before being appointed as the Minister of Higher Education, Research and Innovation, Frédérique Vidal had been the President of the University of Nice Sophia-Antipolis (UNS) since 2012.

She holds a master's degree in biochemistry from the University of Nice Sophia-Antipolis, a post-graduate degree from the Institut Pasteur and a doctorate from the University of Nice Sophia-Antipolis where she became a lecturer in 1995. Since 2004, Frédérique Vidal has been a professor of biochemistry, molecular and cell biology at the UNS. In addition, she was Associate Dean of the Department of Life Sciences from 2007 to 2009 and was appointed Research Assessor to the Dean of the Faculty and then Dean of the Department in 2009. Previously, she was responsible for internships before becoming the Deputy Director of the post-graduate diploma in Pharmacology. After being an outside member of the Inserm Regional Scientific Council from 1999 to 2003, Frédérique Vidal has been on the assessment panel for the master's degree in virology at the UPMC-Paris Diderot-Institut Pasteur since 2004. She was also co-responsible for the European Tempus project in relation to the implementation of the LMD system in the Balkans, from 2006 to 2009. Frédérique Vidal has been a "Chevalier" of the French Legion of Honour since 2013.

Frédéric Worms

Director of the École normale supérieure Ulm (ENS) since March 2022, Frédéric Worms is a philosopher and professor of the history of modern and contemporary philosophy. He is also director of the International Center for the Study of Contemporary French Philosophy (CIEPFC) and of the International Center for Research in Philosophy, Literature, and Knowledge (CIPHLES) at the ENS. A specialist in Henri Bergson, Frédéric Worms has edited the critical edition of the complete works of this philosopher for the *Presses universitaires de France* and is the editor of the journal *Annales bergsoniennes*. He also works on the history of twentieth-century philosophy in France and is interested in the question of vital and moral relations today.

Presentation of the immersive film *Data of the future*

27-minute film directed by Pascal Goblot. Coproduction Escalenta / Universcience, 2021.

In connection with the European Missions:

- Smart and carbon neutral cities.
- Adaptation to climate change.
- Health of oceans, seas, coastal and continental waters.
- Soil health and food.

To involve citizens in scientific issues, science centres and mediation professionals have developed innovative immersive devices. *Data of the future* is a journey into the 21st century through the challenges of climate, energy and demographics, as predicted by mathematical models of today. This data visualisation device, which combines the rigour of scientific research with a contemporary aesthetic, projects figures from the OECD, the IPCC and the World Economic Forum for the coming decades and allows us to glimpse the possible futures of our planet.

The film consists in three ten-minute panels:

1. People and numbers

Will the planet still be big enough for all humans in 2100? Scientific models are concerned about the demographic upheaval to come. India and China are likely to start seeing their populations decline, while the African continent will continue to grow. Education, access to water, life expectancy, gender equality... Several scenarios are emerging, and not all of them are pessimistic.

2. A planet on its reserves

As our need for raw materials continues to grow, will the Earth be able to provide the resources necessary for our activities? Electricity generation, fossil fuel consumption and sometimes shortages already reveal our dependence on raw materials. From oil and gas to phosphorus and thorium, the earth's resources are limited, yet will continue to rule the world in the future

3. A climate under surveillance

The planet is going through a climate crisis whose effects will worsen in the coming decades. Mathematical modelling helps us to understand the extent and consequences of this crisis. Greenhouse gas emissions, uneven global warming from one region to another, rising sea levels... the work of scientists is confronting us with our responsibility: the future is being decided today.



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