

FOOD.



● SUSTAINABLE FUTURE
EVIDENCE BASED DECISION MAKING
PUBLIC ENGAGEMENT

MOONSHOTS

OF THE 2020S

HIGH LEVEL EVENT ON 19TH NOVEMBER AT BRUSSELS

CLIMATE.



REDESIGNING PHOTOSYNTHESIS
CIRCULAR ECONOMY
SUSTAINABLE ENERGY TRANSITION
CLIMATE MODEL SIMULATIONS
COMPREHENSIVE MONITORING OF INTERACTIONS

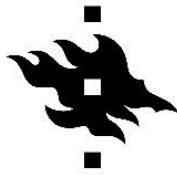
www.unifi.fi/brussels

NATURAL RESOURCES.





UNIVERSITY
OF TURKU



UNIVERSITY OF HELSINKI



TAMPERE UNIVERSITY OF TECHNOLOGY

Moonshots of the 2020s

How to make the most of the missions of Horizon Europe?

This series of high-level events (by invitation, RSVP) addresses the future visions of Finnish universities regarding EU Research and Innovation Policy and Horizon Europe.

The events will gather representatives of the European institutions, public sector, industry, and other stakeholders, to discuss the great global challenges of our time and their scientific solutions, together with researchers and academic leaders.

The events are organized by Universities Finland UNIFI, in cooperation with all Finnish universities and Finnish Regional Offices in Brussels.

CLIMATE, FOOD AND NATURAL RESOURCES

The event on Climate, Food and Natural Resources invites participants to discuss the awakened mission-oriented possibilities of the Commission proposal for Horizon Europe, the next EU Research and Innovation Programme for 2021–2027. The event will look at the proposed clusters “Climate, Energy and Mobility” and “Food and Natural Resources” and focus on the role of excellent multidisciplinary research in solving global challenges and boosting key technologies and solutions together in ambitious transnational collaboration.

The Horizon Europe has great potential to empower universities to become more entrepreneurial and reinforce the impact of interdisciplinary research and innovation on society and citizens’ needs. The event will introduce Finnish universities capacity and commitment in tackling global challenges and industrial competitiveness especially related to climate change and sustainable development goals.

We will bring forward our high-level scientists to state their opinion on the areas of intervention related to climate science and solutions, sustainable future energy and food supply and systems, environmental observation, bio-based innovation and circular systems and climate-resilient society.

The event is organized by the **Universities Finland UNIFI, University of Turku, Tampere University of Technology, University of Helsinki, Turku-Southwest Finland European office and Helsinki EU Office** and hosted by **Sirpa Pietikäinen**, Member of the European Parliament.

Place: Parliament Library, ASP5D, 5th floor, European Parliament, Brussels

Time: Monday 19th of November 2018, at 13.30 – 16.00

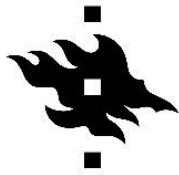
Contact information: Erika Lilja, University of Turku, +358 44 556 3411; erika.lilja@utu.fi

All registered participants of the event are cordially invited to a buffet lunch at 12.00 at the JAN Brasserie Restaurant, JAN2Q, 2nd floor, European Parliament.



University of Turku
FI-20014 University of Turku, Finland
Telephone +358 29 450 5000

utu.fi/en



Programme

- 12:00 – 13:15 **Lunch**
Lunch Buffet at the JAN-Brasserie Restaurant (JAN2Q), 2nd floor, European Parliament
- 13:15 – 13:30 Transfer to the Parliament Library (ASP5D), 5th floor, European Parliament
- 13:30 – 13:45 **Event Opening by the Finnish University Leaders**
Kalle-Antti Suominen, University of Turku
Jaakko Puhakka, Tampere University of Technology
Paula Eerola, University of Helsinki
- Moderator:** CEO, Ground Communications **Anna Sorainen**
- 13:45 – 14:05 **Horizon Europe – Commission Proposal and Expectations**
Jean-François Hulot, Head of Unit, Strategy in DG Research and Innovation, European Commission
- 14:05 – 14:20 **Environmental Grand Challenges and Comprehensive Monitoring of Interactions Between the Planet's Surface and Atmosphere**
Professor **Tuukka Petäjä**, University of Helsinki
- 14:20 – 14:35 **Large-Scale European Research Initiatives for Solar Fuels, Chemicals and Food Production**
Academician **Eva-Mari Aro**, University of Turku
- 14:35 – 14:50 **Accelerating Sustainable Energy Transition - Lining Up Technologies, Economics, and Policies**
Professor **Peter Lund**, Aalto University
- 14:50 – 15:05 **Implementation of Circular Economy in the Urban Living Labs – Technological Solutions, Societal Dynamics and New Business Models**
Professor **Jukka Rintala**, Tampere University of Technology
- 15:05 – 15:20 **Conserving the Planet: What Role for Targeted Geoengineering to Mitigate Deleterious Climate Change?**
Research Professor **John Moore**, University of Lapland
- 15:20 – 15:50 **Discussion and Comments by**
Professor **Kari Lehtinen**, University of Eastern Finland
Associate Professor, **Mari Sandell**, University of Turku
- 15:50 – 16:00 **Way Forward**
Member of the Parliament **Sirpa Pietikäinen**

