

*University of Helsinki, together with the Universities Finland UNIFI, University of Turku and Tampere University of Technology is pleased to invite you to*

***Moonshots of the 2020s***  
***How to Make the Most of the Missions of Horizon Europe?***  
***CLIMATE, FOOD & NATURAL RESOURCES***  
***Venue: Parliament Library, European Parliament, Brussels***  
***Date: Monday 19th of November 2018, at 13.30–16.00***

This event is part of a series of high-level seminars (by invitation, RSVP), addressing the future visions of Finnish universities regarding EU Research and Innovation Policy and Horizon Europe. The seminars 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.

***Climate, Food & Natural Resources*** looks at the proposed clusters “Climate, Energy and Mobility” and “Food and Natural Resources” and focuses on the role of excellent multidisciplinary research in solving global challenges and boosting key technologies and solutions together in ambitious transnational collaboration. The event aims at introducing universities capacity and commitment in tackling global challenges and industrial competitiveness especially related to climate change and sustainable development goals.

Our high-level speakers include DG RTD’s HoU for Climate Action and Resource Efficiency ***Jean-Francois Hulot***, one of the world’s leading and highly cited atmospheric scientist Prof. ***Tuukka Petäjä*** from the University of Helsinki and Academician ***Eva-Mari Aro*** Vice-President of the European Academies of Science Advisory Council (EASAC). The event is hosted by ***Sirpa Pietikäinen***, Member of the European Parliament.

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

Please, respond to the invitation by registering to the event **by the 9th of November** using the following link: <https://konsta.utu.fi/Default.aspx?tabid=88&tap=5179>

Please, see the attached the event programme.

With best regards,  
Paula Eerola  
Vice-Rector, University of Helsinki

## PRORAMME

- 12:00 – 13:15                    **Lunch Buffet** at the JAN-Brasserie Restaurant, European Parliament
- 13:15 – 13:30                    Guided transition to the Parliament Library ASP 5D, 5th floor, European Parliament
- 13:30 – 13:45                    **Event Opening by the Finnish University Leaders**  
Vice-Rector **Kalle-Antti Suominen**, University of Turku  
Rector **Jaakko Puhakka**, Tampere University of Technology  
Vice-Rector **Paula Eerola**, University of Helsinki
- Moderator:** CEO, Ground Communications **Anna Sorainen**
- 13:45 – 14:05                    **Horizon Europe – Commission Proposal and Expectations**  
Head of Unit for Climate Action and Resource Efficiency, **Jean-Francois Hulot**, 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                    **Redesigning photosynthesis towards implementing the UN Sustainable Development Goals**  
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                    **Integrating Public Engagement and Climate Model Simulations**  
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 European Parliament **Sirpa Pietikäinen**