



# Pitch Match Meeting,

30.5.2016, Potsdam

## Amended Agenda

Time	Pitch-No	Title	S1	S2	S3	S4
12:00		<b>Registration</b>				
13:00 - 13:15		<b>Welcome &amp; Introduction:</b> <b>Design of a small geodetic satellite as a platform for various sensors</b> <i>Prof. Dr. Harald Schuh, Space Geodetic Techniques, GFZ, Germany</i>				
13:15-13:20		<b>Welcome Address by the Coordinator</b> <i>Dr. Nicola Pirrone, Institute for Atmospheric Pollution Research, CNR, Italy</i>				
13:20 - 13:30		<b>Introduction: ERA-PLANET: The Strands &amp; The Call</b> <i>Andreas Küppers, GFZ Project Bureau, GFZ, Germany</i>				
5 min	<b>P01</b>	<b>Particulate air pollution in cities: How do we get representative measurements?</b> <i>Dr. Birgit Wehner, Leibniz Institute for Tropospheric Research, TROPOS, Germany</i>				
5 min	<b>P02</b>	<b>Boosting geohazard services with Copernicus' satellites: contribution from Imaging Geodesy</b> <i>Dr. Mahdi Motagh, Remote Sensing, GFZ, Germany</i>				
5 min	<b>P02-1</b>	<b>Global Scale Multi-Sensor Monitoring of Hazardous Surface Processes</b> <i>Dr. Sigrid Roessner, Remote Sensing, GFZ, Germany</i>				
5 min	<b>P03</b>	<b>Stockholm as an experimental and modelling platform for development of sustainable air quality abatement policies.</b> <i>Prof. Hans Christen Hansson, Department of Environmental Science and Analytical Chemistry, Stockholm University, Sweden</i>				
5 min	<b>P04</b>	<b>Strategies to implement online aerosol source apportionment and approaches to improve spatial coverage</b> <i>Dr. Martin Gysel, Laboratory of Atmospheric Chemistry, Paul Scherrer Institute, Switzerland</i>				
5 min	<b>P04-1</b>	<b>Multi-source and multi-scale EO data for atmospheric and LCLU monitoring in support to STRAND 1</b> <i>Dr. Palma Blonda, CNR-ISSIA, Italy</i>				
5 min	<b>P04-2</b>	<b>Emission and air quality modeling on the urban scale</b> <i>Dr. Volker Matthias, Institute of Coastal Research, Helmholtz-Zentrum Geesthacht GmbH, Germany</i>				
5 min	<b>P04-3</b>	<b>Space Weather</b> <i>Prof. Dr. Yuri Shprits, Earth's Magnetic Field, GFZ, Germany</i>				

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5 min	P05	<b>AUTH profile: Contribution to ERA-PLANET Strands</b> <i>Prof. Petros Patias, School of Rural &amp; Surveying Engineering, Aristotle University AUTH, Greece</i>				
5 min	P06	<b>Expertise of the group of the Academy of Athens concerning ERA-PLANET strands</b> <i>Prof. Christos Zerefos, Academy of Athens, Research Center for Atmospheric Physics and Climatology, Greece</i>				
5 min	P07	<b>National Observatory of Athens (NOA): in-situ, EO space ground segments and modeling platforms and skills</b> <i>Dr. Evangelos Gerasopoulos, Institute for Environmental Research and Sustainable Development, National Observatory of Athens (NOA), Greece</i>				
5 min	P08	<b>Harmonization of methods and new sensors for carbonaceous and other aerosol tracers. The means to elucidate processes and migration mechanisms from the source areas around megacities and urban centres to the background atmosphere in the Polar regions.</b> <i>Dr. Kostas Eleftheriadis, Environmental Radioactivity Laboratory, Institute of Nuclear and Radiological Science &amp; Technology, Energy &amp; Safety, Greece</i>				
5 min	P09	<b>Cross Cutting Topic</b> <i>Joan Masó, Centre de Recerca Ecològica i Aplicacions Forestals (CREAF), Universitat Autònoma de Barcelona</i>				
5 min	P09-1	<b>Interoperability across the strands and with GEOSS/GCI</b> <i>Dr. Stefano Nativi, Inst. of Atmospheric Pollution Research, CNR-IIA, Italy</i>				
5 min	P10	<b>Terminological resources for semantic interoperability</b> <i>Antonietta Folino, Dipartimento di Lingue e Scienze dell'Educazione, Università della Calabria</i>				
14:45 - 15:15		<b>Coffee Break &amp; Matching</b>				
5 min	P11	<b>On the need for Future Mass Transport Satellite Missions</b> <i>Prof. Dr. Frank Flechtner, Remote Sensing, GFZ, Germany</i>				
5 min	P12	<b>Remote sensing based monitoring of soil and vegetation properties at agricultural fields</b> <i>Dr. Daniel Spengler, Remote Sensing, GFZ, Germany</i>				
5 min	P13	<b>Global soil monitoring and mineral mapping from emerging remote sensing technologies</b> <i>Dr. Sabine Chabrillat, Remote Sensing, GFZ, Germany</i>				
5 min	P15	<b>Seeing the light: Making trends in night lights data publicly accessible</b> <i>Dr. Christopher Kyba, Remote Sensing, GFZ, Germany</i>				
5 min	P16	<b>IGB Suggestions for Inland Water Monitoring in the frame of ERA-PLANET</b> <i>Jens Nejtgaard, Experimental Limnology, Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Germany</i>				

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5 min	P17	<b>1. GEO related activities in Ukraine: deep learning &amp; cloud for food security and environmental monitoring on big geospatial data.</b> <i>Prof. Nataliia Kussul, Space Research Institute NASU-SSAU, Ukraine</i>				
5 min	P18	<b>2. Regional geomagnetic forecast for protection of energy infrastructure.</b> ( <i>Aleksei Parnowski, SRI, NASU-SSAU, Ukraine</i> ) <i>Prof. Nataliia Kussul, Space Research Institute NASU-SSAU, Ukraine</i>				
5 min	P19	<b>1. Implementing Essential x Variables for a Climate-Water-Land-Energy EU Nexus from available EO (GEOSS and Copernicus)</b> <i>Prof. Anthony Lehmann, Inst. for Env. Sciences, University of Geneva, CH</i>				
5 min	P20	<b>2. Monitoring changes on Earth surfaces by remote sensing for SDGs and other policy and reporting obligations at national and international levels</b> <i>Prof. Anthony Lehmann, Inst. for Env. Sciences, University of Geneva, CH</i>				
5 min	P21	<b>Hydrological forecast from the groundwater to the atmosphere and microwave remote sensing of soil moisture</b> <i>Dr. Carsten Montzka, Agrosphere, Forschungszentrum Juelich GmbH, Germany</i>				
5 min	P22	<b>European Earth Observation for Monitoring Success Towards the Aichi Biodiversity Targets</b> <i>Prof. Thomas Hickler, Senckenberg Biodiversity and Climate Research Center, Germany.</i>				
5 min	P22-1	<b>Biodiversity and Ecosystems: a set of EVs from other SBAs for implementation from EO</b> <i>Dr. Palma Blonda, CNR-ISSIA, Italy</i>				
5 min	P23	<b>The future of Monitoring Biodiversity and Biological Resources - from EU BON to future integration</b> <i>Dr. Cristoph Häuser, Museum für Naturkunde, Germany</i>				
16:20 – 16:50		<b>Coffee Break &amp; Matching</b>				
5 min	P24	<b>A global observing system for tracking persistent pollutants in support to EU and International policy</b> <i>Dr. Nicola Pirrone, Institute for Atmospheric Pollution Research, CNR, Italy</i>				
5 min	P25	<b>Ground-space monitoring of atmospheric contaminations by aerosol particles on the basis of risk assesement of their neurotoxicity.</b> <i>Prof. Nataliia Kussul, Space Research Institute NASU-SSAU, Ukraine</i>				
5 min	P26	<b>Long-term aerosol monitoring at the high-alpine research station Jungfrauojoch</b> <i>Dr. Martin Gysel, Laboratory of Atmospheric Chemistry, Paul Scherrer Institute, Switzerland</i>				
5 min	P27	<b>Possible contribution of CzechGlobe to ERA-PLANET</b> <i>Alice Dvorska, Ecosystem Analysis, Global Change Research Institute CAS, Czech Republic</i>				

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5 min	P27-1	<b>Earth Magnetic Field and Near Earth Space: Variations and Observations</b> <i>Prof. Dr. Claudia Stolle, Earth's Magnetic Field, GFZ, Germany</i>				
5 min	P28	<b>Long-term aerosol measurements for climate change and air pollution research: Integration of global networks like ACTRS, IAGOS and GAW</b> <i>Dr. Birgit Wehner, Leibniz Institute for Tropospheric Research, TROPOS, Germany</i>				
5 min	P29	<b>ERA-PLANET Italian proposal for strand 4 – Polar areas and natural resources</b> <i>Carlo Barbante, Institute for the Dynamics of Environmental Processes-CNR, University of Venice, Italy</i>				
5 min	P30	<b>Potential IVL contributions to ERA-PLANET</b> <i>John Munthe, IVL Swedish Environmental Research Institute, Sweden</i>				
5 min	P31	<b>Remote sensing of polar areas - needs and challenges</b> <i>Prof. Dr. Angelika Humbert, Sec. Glaciology, AWI, Germany</i>				
5 min	P32	<b>Climate effects in the Arctic due to air quality regulation in Europe</b> <i>Prof. Hans Christen Hansson, Department of Environmental Science and Analytical Chemistry, Stockholm University, Sweden</i>				
5 min	P33	<b>Comprehensive Understanding on atmospheric Composition in the Arctic</b> <i>Prof. Tuukka Petäjä, Department of Physics, Division of Atmospheric Sciences, University of Helsinki, Finland</i>				
5 min	P34	<b>Snow Monitoring in Mountaineous Regions, e.g. Central Asia</b> <i>Dr. Abror Gafurov, Hydrology, GFZ, Germany</i>				
5 min	P35	<b>Villum Research Station - a new essential cornerstone of the Danish Polar Research Network</b> <i>Andreas Massling, Dept. of Environmental Science, Uni Aarhus, Denmark</i>				
17:55		<b>Conclusion and Adjourn</b>				
18:00		<b>Reception</b>				

#### The 4 Strands:

**S1)** Smart Cities and Resilient Societies addressing issues such as urban growth, air quality, natural and man made disasters, health, contaminated sites

**S2)** Resource Efficiency and Environmental Management including water, energy, food security, biodiversity

**S3)** Global Change and Environmental Treaties with focus on toxic and persistent pollutants, harmonisation of atmosphere-ocean-terrestrial observations and models, ecosystems response, support to policy implementation

**S4)** Polar Areas and Natural Resources targeted at environmental pressure from increasing anthropogenic activity, including monitoring and assessment of ecosystems quality in the Arctic and the Antarctic

Horizon 2020  
Call: H2020-SC5-2015-one-stage  
Topic: SC5-15-2015  
Type of action: ERA-NET-Cofund  
Grant agreement no: 689443  
Proposal acronym: ERA-PLANET

