

Second edition European Regional Symposium by NEREUS Regions:  
Space data for tourism & agriculture, 28-29 September 2023 Matera,  
Basilicata Region

09:00	<b>Registration</b>
09:30	<b>Opening Session</b>
	<p style="text-align: right;"><i>Moderator:</i> <b>Michele Busciolano</b>, Head of Cabinet Presidency Basilicata</p> <p><b>Welcome and introduction:</b></p> <ul style="list-style-type: none"> <li>• <b>Adolfo Urso</b>, Italian Minister of Enterprises and Made in Italy</li> <li>• <b>Vito Bardi</b>, President of Basilicata Region and NEREUS Vice President</li> <li>• <b>Thierry Cotelle</b>, NEREUS-President and Member of the Regional Council Occitanie Region</li> <li>• <b>Luisa Riccardi</b>, Representative of Italian Ministry of Defense, Director 5th Department Technological Innovation</li> </ul> <p><b>Handover ceremony from Basilicata to Occitanie</b></p>
10:00	<p style="text-align: right;"><i>Moderator:</i> <b>Roya Ayazi</b>, Secretary General NEREUS</p> <p><b>Introduction to policies, programs and strategy on the use of space data</b></p> <ul style="list-style-type: none"> <li>• <b>Luca Fasano</b>, EC, DG DEFIS, “Copernicus: current and future initiatives to exploit its valuable data”</li> <li>• <b>Andrea Taramelli - Nico Bonora</b>, Italian delegate Copernicus and NUF: “The national Copernicus User-Forum”</li> <li>• <b>Alessandra Tassa</b>, ESA, “The Copernicus Space Component: current status and perspectives”</li> <li>• <b>Federico Fierli</b>, EUMETSAT, “Present and future Copernicus and Operational satellites for environmental monitoring”</li> </ul>
10.45	<p style="text-align: right;"><i>Moderator:</i> <b>Jordi Corbera</b>, Cartographic and Geological Institute of Catalonia</p> <p><b>Introduction into the market of space data and to the space economy (Part1)</b></p>

	<ul style="list-style-type: none"> <li>• <b>Antonio Colangelo</b>, President Basilicata Aerospace Cluster</li> <li>• <b>Maria Libera Battagliere</b>, ASI Italian Space Agency, “ <i>Space technology for agriculture and tourism: practices, challenges and opportunities in the Italian ecosystem</i>”</li> <li>• <b>Jacopo Ovarelli</b>, EUSPA: “<i>Copernicus User Uptake Strategy &amp; market development</i>”</li> </ul>
11:30	<b>Coffee Break</b>
12:00	<p style="text-align: right;"><i>Moderator:</i> <b>Duarte Nuno Cota</b>, Member of the Azores Mission Structure for Space</p> <p><b>Introduction into the market of space data and to the space economy (Part2)</b></p> <ul style="list-style-type: none"> <li>• <b>Prof. Vito Albino</b>, Chair of the Transition Committee of ECSECO - European Centre for Space Economy and Commerce: “<i>Space and non-space business in a joint transition</i>”</li> </ul> <p><b>Skills for space sector: from schools to universities</b></p> <ul style="list-style-type: none"> <li>• <b>Prof. Valerio Tramutoli</b>, Prof. University of Basilicata, “<i>How to prepare workforce and talents to address space skills in business, research and public administration</i>”</li> </ul> <p>Discussion (Q&amp;A)</p>
13:00	<b>Networking Lunch</b>
14:30	<p style="text-align: right;"><i>Moderator:</i> <b>Roya Ayazi</b>, Secretary General NEREUS</p> <p>Round Table: Representatives of European Regions and of the EC present tourism promotion strategies, Offer, and Needs as well as the EU transition pathway for tourism and data space for tourism</p> <p>Welcome and introduction:</p> <ul style="list-style-type: none"> <li>• <b>Michele Casino</b>, Minister for Economic Development and Employment Basilicata Region</li> <li>• <b>Canio Sabia</b>, Director General Directorate for Economic Development and Employment Basilicata Region</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Valentina Superti</b> - Director, DG GROW, Directorate G. Ecosystems II: “European Commission: The transition pathway for the tourism ecosystem and the tourism data space”</li> </ul>
14:55	<p>Representatives of different regional tourist departments and agencies take the floor to present tourism promotion strategies, Offer, and Needs:</p> <ul style="list-style-type: none"> <li>• <b>Antonio Nicoletti</b>, General Director of the Regional Promotion Agency of Basilicata</li> <li>• <b>Vincent Garel</b>, Member of the Regional Council Occitanie and President of Comité Régional du Tourisme, “Use of Murmuration solutions as part of an Atout France experiment”</li> <li>• Austrian National Tourist Office, “Digital transition: towards the data space for EU tourism”</li> <li>• <b>Morena Diazi</b>, Director-General for Knowledge, Research, Labour and Enterprises of the Emilia-Romagna Region “The possible role of satellite data for the development of a digital twin for slow tourism in the Emilia Romagna Region”.</li> <li>• <b>Patrizio Giannone</b>, Head of Tourism and Internalisation Section – Apulia Region, “Future trends of tourism sectors”</li> <li>• <b>Salvina Sist</b>, Head of Directorate for Spatial Planning/Veneto Region - “Remote sensing in coastal erosion monitoring for a sustainable development of the tourism sector”</li> </ul> <p>Discussion (Q&amp;A)</p>
16:00	<p>ESA and regional Cluster representatives (SMEs, Research players, academia,) present space solutions, services and experiences to be discussed with stakeholders of the tourism sector:</p> <ul style="list-style-type: none"> <li>• <b>Borja Pickering</b>, ESA, “ESA business applications program: Space for tourism”</li> </ul> <p>Discussion (Q&amp;A)</p>
16:20	Coffee break
16:40	<p style="text-align: right;"><i>Moderator:</i> <b>Josep Colomé</b>, Director APEC, Institute of Space Studies of Catalonia (IEEC)</p> <p>Round table representatives of regional space clusters and organizations: space applications and services for tourism:</p> <ul style="list-style-type: none"> <li>• <b>Tarek Habib</b>, Chief Executive Officer MURMURATION, "Putting numbers on sustainable tourism"</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Raffaele Santangelo</b>, Raffaele Santangelo, Chairman of Board, GEOCART S.p.A/DIGITAL LIGHTHOUSE “The integration of digital solutions for the immersive enjoyment of cultural heritage: application for sustainable tourism”</li> <li>• <b>Angelo Donvito</b>, CEO DIGIMAT SPA, “Joint use of EO, IoT, AI, IoT and Digital Twin technologies for the management of tourist flows and the safeguarding of fragile tourist sites”,</li> <li>• <b>Filomena Cuccarese</b>, Managing Director OPENET TECHNOLOGIES SPA, “From rural to global: space technologies to innovate tourism”</li> <li>• <b>Jordi Corbera</b>, Cartographic and Geological Institute of Catalonia, “Earth Observation and climate impacts over economic activities as tourism: a Catalan perspective”</li> <li>• <b>Noemi Zabari</b>, Co-founder Astrotectonic, "From Above and Below: Seismic Activity Management System optimizing tourism and agriculture".</li> </ul> <p>Discussion (Q&amp;A)</p>
18:30	Wrap-up of the first thematic session
20:30	Networking Dinner/B2B
<b>Second Day, September 29</b>	
09:00	<p style="text-align: right;"><i>Moderator:</i> <i>Lorenza Badiello, Head of the delegation to the EU of Emilia-Romagna Region</i></p> <p>Welcome and introduction:</p> <ul style="list-style-type: none"> <li>• <b>Alessandro Galella</b>, Minister of Agriculture, Food and Forestry Basilicata Region</li> </ul>
09:10	<p><b>Thematic Session: Space data for Agriculture: linking space to user needs</b></p> <p>Round Table: Representatives of regional agriculture departments and agencies present Agriculture strategies, Offer, and Needs:</p> <ul style="list-style-type: none"> <li>• <b>Borja Pickering</b>, ESA, “ESA business applications programme: Space for agriculture”</li> </ul>
09:30	<p><b>How do you improve the use of space data in agriculture policy?</b></p> <p><b>Representatives of different administrations, in particular regional agriculture departments take the floor:</b></p> <ul style="list-style-type: none"> <li>• <b>Laura Ruana Pavon</b>, Head of the Integrated Control and Payments Service of the Department of Climate Action, Food and Rural Agenda, Paying Agency of</li> </ul>

	<p>Catalonia, “Experience with the monitoring of CAP aids in Catalonia. 2019-2023”</p> <ul style="list-style-type: none"> <li>• <b>Emilia Piemontese</b>, General Director of Basilicata Region Agriculture Department: “The needs of digital and space solutions for agriculture, forestry and rural development”</li> <li>• <b>Roberto Scalacci</b>, Director for Agriculture and Rural Development, Tuscany Region, “Generate more benefits from new high tech-based solutions for agriculture, forestry and rural development: the experience of Tuscany Region with Precision Farming and its regional Community of Practice”</li> <li>• <b>Salvatore Infantino</b>, Head of the regional observatory, Agriculture Department, Puglia Region, “Remote Sensing for emergency management Xylella fastidiosa”</li> </ul>
10:15	Discussion (Q&A)
10:25	<p style="text-align: right;"><i>Moderator:</i> <b>Nicola Pergola</b>, Research Manager CNR - IMAA</p> <p>Round table representatives of regional space clusters/organisations: space applications and services for agriculture</p>
	<p>Regional Cluster representatives (SMEs, Research players, academia,) present space solutions, services and experiences to be discussed with Agriculture sector stakeholders: Different representatives of regional clusters/aerospace districts take the floor.</p> <ul style="list-style-type: none"> <li>• <b>Fabio Volpe</b>, E-GEOS SPA Matera, Head of Agriculture Programs and Applications, “Agriculture and carbon removal: the role of satellite in supporting EU carbon neutrality”</li> <li>• <b>Laurent Augier</b>, Director of Agri Sud-Ouest innovation cluster, Nouvelle Aquitaine and Occitanie Regions, “Illustrations of advances and innovations in the use of space data and technologies to meet the challenges of agriculture in South-West of Europe”</li> <li>• <b>Dr. Tobias Leismann</b>, Innovation Lead constellr (start-up from BaWü/Germany), “Constellr – a satellite mission for agriculture in a time of climate change”</li> <li>• <b>Alessandro Gentile</b>, Remote Sensing Expert at Intecs Solutions SpA, “Continuous Monitoring of Agricultural Crops - Use case application on vineyards”</li> <li>•</li> </ul>
11:05	Coffee break
11:35	<ul style="list-style-type: none"> <li>• <b>Andrea Cruciani</b>, CEO of Agricolus, “Digital and space solutions for agriculture: case of AgriTrack Full DSS Stack”</li> <li>• <b>Mauro Manente</b>, COO LATITUDO40 - A Techstars_ Portfolio Company, “LA.U.R.A. Latitudo Unmanned Rover for Agriculture solution”</li> <li>• <b>Krystyna Michałowska</b>, PhD, The University of Agriculture, "Fusion of Remote Sensing and Geospatial Data: Enhancing Information Capacity for Agricultural Crop Monitoring"</li> </ul>
12:05	<ul style="list-style-type: none"> <li>• <b>Andreas Kanstein</b>, Managing Director cesah (Hesse)</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Jean-Marc Gardin</b>, Telespazio, President Club Galaxie, <i>“Club Galaxie presentation (Space cluster in Occitanie region) and GeoAdventure presentation (EO services to optimize Agriculture)”</i></li> <li>• <b>Vincenzo D'Avino</b>, Apulian Aerospace District, DTA, <i>“Territorial Basic Knowledge Acquisition: TEBAKA”</i></li> <li>• <b>Francesco Immordino - Elena Candigliota</b>, ENEA <i>“Copernicus services and products for land management for applications in Agriculture: Emergencies, Monitoring, Mapping”</i>,</li> <li>• <b>Prof. Angelo Nolè</b>, University of Basilicata, SAFE - School of Agricultural, Forest, Food and Environmental Sciences, <i>“Temporal and spatial patterns assessment of riparian vegetation cover in the Mediterranean region using Landsat spectral metrics”</i>,</li> <li>• <b>Maria Castellaneta</b>, University of Basilicata, SAFE - School of Agricultural, Forest, Food and Environmental Sciences, <i>“Canopy cover dynamics in dieback affected oak forests captured by phenological behaviour”</i></li> <li>• <b>Marco Folegani</b>, Meeo s.r.l., <i>“Agrifood systems in the new climate trend”</i></li> <li>• <b>Ioana-Simona Rosca</b>, European Space and Climate Project Manager Aerospace Valley, <i>“PROTECT - Preparing a Pre-Commercial PROcurement for end-user services based on environmentAl obsERvation in the area of Climate change adapTation and mitigation”</i></li> <li>• <b>Costanza Fiorentino, Paola D'Antonio</b>, University of Basilicata, SAFE - School of Agricultural, Forest, Food and Environmental Sciences, <i>“The role of automatic guide in precision agriculture: form remote sensing to prescription maps in the Bari -Matera 5G Project”</i></li> </ul> <p>Discussion (Q&amp;A)</p>
13:30	Conclusion
13:45	Lunch
15:30	<p>Departure by bus from the venue for visit of the Italian Space Agency - “Giuseppe Colombo” Center for Space geodesy.          Brochure Matera Space Center (<a href="#">link</a>).          More info: <a href="https://www.asi.it/en/the-agency/the-space-centers/giuseppe-colombo-center-for-space-geodesy/">https://www.asi.it/en/the-agency/the-space-centers/giuseppe-colombo-center-for-space-geodesy/</a></p>
16:00	Visit of the Italian Space Agency - “Giuseppe Colombo” Center for Space geodesy
17:30	<p>Departure from the Italian Space Agency to <a href="#">SPARKme</a>          SPARKme Space Academy is the first technology-based park in Italy on the Moon, Space and Stars created by Openet Technologies, the Matera-based company that facilitates the creation and dissemination of new projects dedicated to SATCOM. The Academy is the result of the SPARKme Project, kicked off in 2018 and realised with the support of the Italian and European Space Agencies.</p>



	The visit will take one hour and one hour will be a social event.
19:30	Departure from SPARKme back to city center (venue).

*End of program*