



# Bioeconomy and Bio-based Industry for the Rural Renaissance of Regions (3BiR3)

Trieste 23 - 24 May 2019 - Salone di rappresentanza - Palazzo della Regione Autonoma Friuli Venezia Giulia - Piazza dell'Unità d'Italia, 1

## AGENDA

May 23<sup>rd</sup>

### Session 1

#### Implementing Bioeconomy at regional and macro-regional level

<b>Chair</b>	<b>Augusto Viola</b> - Regione Autonoma Friuli Venezia Giulia, Direzione centrale risorse agroalimentari, forestali e ittiche
<b>9:00-9:15</b>	Welcome from Regione Autonoma Friuli Venezia Giulia (RAFGV)
	<i>Welcome speech by Friuli Venezia Giulia Region</i>
<b>9:15-10:00</b>	The role of Regional Research Institutions
	<ul style="list-style-type: none"> <li>• <b>Giorgio Sulligoi</b> – University of Trieste</li> <li>• <b>Francesco Marangon</b> – University of Udine</li> <li>• <b>Cristina Modolo</b> - Elettra Sincrotrone Trieste</li> </ul>
<b>10:00 – 10:30</b>	Bioeconomy in FVG: opportunities and strategies
	<ul style="list-style-type: none"> <li>• <b>Andrea Giorgiutti</b> - RAFGV, Direzione Centrale Risorse Agroalimentari, Forestali e Ittiche</li> <li>• <b>Claudio Filipuzzi</b> - FVG Agrifood &amp; Bioeconomy Cluster Agency</li> </ul>
<b>10:30 – 10:45</b>	New training and educational demands for Bioeconomy implementation: the case of the RAFGV
	<ul style="list-style-type: none"> <li>• <b>Massimo Marino</b> - CEFAP-FVG in collaboration with Pierpaolo Rovere FVG Agrifood &amp; Bioeconomy Cluster Agency</li> </ul>
<b>10:45 – 11:15</b>	<i>Pausa caffè - Coffee break</i>

<b>Chair</b>	<b>Sara Cantone, <i>Università degli Studi di Trieste, Cluster SPRING</i></b>
<b>11:15-11:30</b>	New trans-sectoral knowledge chains for research and innovation in Bioeconomy <ul style="list-style-type: none"> <li>• <b>Lucia Gardossi</b> – <i>University of Trieste, Cluster SPRING</i></li> </ul>
<b>11:30-12:00</b>	Bioeconomy sector in the future regional research policies and in the S3 <ul style="list-style-type: none"> <li>• <b>Ketty Segatti</b> – <i>RAFVG, Direzione centrale lavoro, formazione, istruzione e famiglia</i></li> </ul>
<b>12:00-12.30</b>	Macro-regional policies for Bioeconomy and Central-Eastern Europe <ul style="list-style-type: none"> <li>• <b>Nicolas Robert</b> – <i>JRC, Directorate D – Sustainable Resources - Bioeconomy Unit</i></li> </ul>
<b>12:30 – 13:00</b>	Bioeconomy in the contest of the INTERREG V-A Italy Austria 2014 – 2020 Cooperation Programme <ul style="list-style-type: none"> <li>• <b>Wania Moschetta</b> – <i>RAFVG, Servizio per la cooperazione territoriale europea e aiuti di stato</i></li> </ul>
<b>13:00 – 14.30</b>	<i>Pranzo - Lunch</i>

## Session 2

### How science drives Rural Renaissance: the Interreg Italia-Austria project InCIMA

<b>Chair</b>	<b>Fabrizio Goffredi - <i>FVG Agrifood &amp; Bioeconomy Cluster Agency</i></b>
<b>14:30-14:50</b>	InCIMA – The project and its actuation <ul style="list-style-type: none"> <li>• <b>Lisa Vaccari</b> - <i>Elettra Sincrotrone Trieste, Trieste (Italia)</i></li> </ul>
<b>14:50-15:10</b>	Tannin foams: Biogenic materials for insulation purposes <ul style="list-style-type: none"> <li>• <b>Thomas Sepperer</b> - <i>Salzburg University of Applied Sciences &amp; Center for Smart Materials, Salzburg (Austria)</i></li> </ul>
<b>15:10-15:30</b>	State of the art multicolor techniques for rigid tannin foam characterization at Elettra <ul style="list-style-type: none"> <li>• <b>Nicola Cefarin</b> - <i>Elettra Sincrotrone Trieste, Trieste (Italia)</i></li> </ul>
<b>15:30-15:50</b>	Characterization of Tannin Rigid Foams at PLUS <ul style="list-style-type: none"> <li>• <b>Maurizio Musso</b> - <i>University of Salzburg (Austria)</i></li> </ul>
<b>15:50-16:10</b>	From chaotic approached to highly ordered substrates for surface-enhanced Raman spectroscopy.

	<ul style="list-style-type: none"> <li>• <b>Andreas Reyer</b> - <i>University of Salzburg (Austria)</i></li> </ul>
16:10-16:40	<i>Pausa caffè - Coffee break</i>
<b>Chair</b>	<b>Pierpaolo Rovere</b> - <i>FVG Agrifood &amp; Bioeconomy Cluster Agency</i>
16:40-17:00	Development of bio-based materials in Salzburg: University of Applied Sciences and Centre for Smart Materials
	<ul style="list-style-type: none"> <li>• <b>Gianluca Tondi</b> - <i>Salzburg University of Applied Sciences &amp; Center for Smart Materials, Salzburg (Austria)</i></li> </ul>
17:00-17:20	CirculAlps project
	<ul style="list-style-type: none"> <li>• <b>Andrea Atena</b> - <i>Salzburg University of Applied Sciences, Salzburg (Austria)</i></li> </ul>
17:20-17:40	Economia Circolare e bioeconomia: strategie e tecnologie
	<ul style="list-style-type: none"> <li>• <b>Fabio Morea</b> - <i>Area Science Park, Trieste (Italia)</i></li> </ul>
17:40-18:00	Sustainability of InCIMA project and Conclusive Remarks
	<ul style="list-style-type: none"> <li>• <b>Lisa Vaccari</b> - <i>Elettra Sincrotrone Trieste, Trieste (Italia)</i></li> </ul>

## May 24<sup>th</sup>

### Session 3

## Building new knowledge and value chains for Bioeconomy and Bio-Based industry

<b>Chair</b>	<b>Lisa Vaccari</b> - <i>Elettra Sincrotrone, Trieste</i>
9:00-9:15	Biovoices and Biobridges Projects
	<ul style="list-style-type: none"> <li>• <b>Chiara Pocaterra</b> – <i>APRE, Italy</i></li> </ul>
9:15-9:30	Viticulture value chains in bioeconomy
	<ul style="list-style-type: none"> <li>• <b>Carla Da Porto</b> - <i>Università degli Studi di Udine</i></li> </ul>
9:30-9:45	Nano-fertilizers from bio-waste
	<ul style="list-style-type: none"> <li>• <b>Luca Marchiol</b> - <i>Università degli Studi di Udine</i></li> </ul>
9:45-10:00	Invasive marine species: transforming a threat into a resource
	<ul style="list-style-type: none"> <li>• <b>Antonio Terlizzi</b> - <i>Università degli Studi di Trieste and Stazione Zoologica 'Anton Dohrn' di Napoli</i></li> </ul>
10:00-10:15	BioApp technological platform for transfer of advanced biopolymers from lab to market

	<ul style="list-style-type: none"> <li>• <b>Uroš Novak</b> - <i>National Institute of Chemistry, Ljubljana (Slovenia)</i></li> </ul>
10:15-10:30	Biobased building blocks: from research to industrial applications
	<ul style="list-style-type: none"> <li>• <b>Andrea Mingher</b> – <i>AEP Polymers srl, Trieste</i></li> </ul>
10:30-10:45	SRIP – Circular economy: establish new value chains among Slovenian stakeholders
	<ul style="list-style-type: none"> <li>• <b>Dragica Marinič</b> – <i>SRIP - Strategic Research and innovation Partnership – Circular economy (Slovenia)</i></li> </ul>
10:45– 11:30	<i>Pausa caffè - Coffee break</i>
Chair	<i>Lucia Gardossi – University of Trieste, Cluster SPRING</i>
11:30-11:45	Interregional EU projects for Bioeconomy implementation: the Power4Bio Project
	<ul style="list-style-type: none"> <li>• <b>Sara Cantone</b> - <i>Università degli Studi di Trieste, Cluster SPRING</i></li> </ul>
11:45-12:00	SPRING and Working table of regions: supporting the regional Bioeconomy development
	<ul style="list-style-type: none"> <li>• <b>Raffaele Liberali</b> - <i>Cluster SPRING – Working Table of Regions on Bioeconomy</i></li> </ul>
12.00-12:15	Creating Bioeconomy hubs in the EU-eastern regions: Power4Bio approach
	<ul style="list-style-type: none"> <li>• <b>Laura García Laverde</b> - <i>DBFZ, German Biomass Research Center (Germany). Power4Bio partner</i></li> </ul>
12:15-12:35	The Andalusian Regional Bioeconomy strategy: opportunities and challenges
	<ul style="list-style-type: none"> <li>• <b>Judit Anda</b> - <i>Andalusian Bioeconomy Strategy – Junta de Andalusia (Spain). Power4Bio partner</i></li> </ul>
12:35-13:00	The BioBased Industry Joint Undertaking initiative (BBI-JU): the perspective of the State Representative Group
	<ul style="list-style-type: none"> <li>• <b>Fabio Fava</b> - <i>University of Bologna, Chair of the State Representative Group of BBI-JU, IT Representative, Horizon2020 SC2 Programming Committee</i></li> </ul>
13:00 – 14.30	<i>Pranzo - Lunch</i>

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## Session 4: workshop

### The alliance between primary production and bio-based industries. A macro regional approach

<p><b>14:00 – 14:30</b></p>	<p><b>Introductory presentations and objectives of the day</b></p> <ul style="list-style-type: none"> <li>• <b>Chiara Pocaterra</b> - <i>BIOVOICES project/APRE</i></li> <li>• <b>Sara CANTONE</b> - <i>Power4Bio project / Cluster SPRING</i></li> <li>• <b>Ivan MATIĆ</b> – <i>BIOEAST Initiative; Republic of Croatia - Ministry of Agriculture</i></li> <li>• <b>FIFTH REPORT ON BIOECONOMY (Focus on Wood)</b> - <i>Lavinia Stoppani - Intesa Sanpaolo</i></li> </ul>
<p><b>14:30-15:15</b> <b>Case studies and panel discussion</b></p>	<p><b>The alliance between primary production and bio-based industries: a regional approach</b></p> <ul style="list-style-type: none"> <li>• <b>Rinaldo Comino</b> – <i>Forestry service RAFVG</i></li> <li>• <b>Alberto Bezama</b> – <i>Centre for Environmental Research – UFZ</i></li> <li>• <b>Andreja Kutnar</b> – <i>NSG Slovenia</i></li> <li>• <b>Leo Breedveld</b> – <i>2B srl (SWEETWOODS)</i></li> <li>• <b>Sabina Licen</b> - <i>University of Trieste</i></li> <li>• <b>Fabrizio Goffredi</b> – <i>Biolab (VALEST project FESR-FVG)</i></li> <li>• <b>Loris Mestoni</b> – <i>Agro21 s.a. – (Future of Bioenergy in FVG)</i></li> <li>• <b>InCima project</b> – <i>Contributions by the partners</i></li> <li>• <b>Power4bio project</b> – <i>Contributions by the partners</i></li> </ul> <p><i>Case studies and panel discussion from stakeholders coming from different countries and providing inputs for the following interactive session</i></p>
<p><b>15:15-15:45</b></p>	<p><i>Pausa caffè - Coffee break</i></p>
<p><b>15:45-16:30</b></p>	<p><b>Mobilization and Mutual Learning workshop</b></p>

	<ul style="list-style-type: none"> <li>• Which are the challenges for the interregional development between Italy, Slovenia, Croatia and Austria?</li> <li>• Which are the opportunities and resources to be used to improve the cooperation between the primary production and the bio-based industry?</li> <li>• How can the Bioeconomy contribute to the regional development through the enhancement of territorial resources?</li> <li>• Which are the actors to be mobilized/involved for the creation of new value chains and how to involve them? (interregional focus)</li> <li>• Which are the barriers and strategies to facilitate collaboration between interregional stakeholders?</li> <li>• How to think the development strategies and policies between large scale European regions in an integrated way?</li> </ul>
<b>16:30-17:00</b>	<p><b>Conclusions of the day</b></p> <p>Reflections on the main contents emerged in the parallel sessions:</p> <ul style="list-style-type: none"> <li>• Possible follow up (recommendations, collaborations, action plans, memorandum of understanding, etc.)</li> </ul>

The pre-registration to the Session4 workshop ([www.biovoices.eu/trieste](http://www.biovoices.eu/trieste)) is a fundamental condition for participation.

For registration and more information on the Bioeconomy and Bio-Based Industry for the Rural Renaissance of Regions (3BIR3): <http://eventi.regione.fvg.it/Eventi/dettaglioEvento.asp?evento=14122>