



# 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 Thursday, 23<sup>rd</sup> May

### 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 by Regione Autonoma Friuli Venezia Giulia (RAFVG) <i>Welcome speech</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, (Italy)</li> <li>• <b>Francesco Marangon</b> – University of Udine, (Italy)</li> <li>• <b>Cristina Modolo</b> – Elettra Sincrotrone Trieste, (Italy)</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> - RAFVG, Direzione Centrale Risorse Agroalimentari, Forestali e Ittiche, (Italy)</li> <li>• <b>Claudio Filipuzzi</b> - FVG Agrifood &amp; Bioeconomy Cluster Agency, (Italy)</li> </ul>
<b>10:30 – 10:45</b>	New training and educational demands for Bioeconomy implementation: the case of the RAFVG <ul style="list-style-type: none"> <li>• <b>Massimo Marino</b> - CEFAP-FVG, (Italy) in collaboration with FVG Agrifood &amp; Bioeconomy Cluster Agency, (Italy)</li> </ul>
<b>10:45 – 11:15</b>	<i>Pausa caffè - Coffee break</i>

Chair	Sara Cantone, <i>Università degli Studi di Trieste, Cluster SPRING, (Italy)</i>
11:15-11:30	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, (Italy)</i></li> </ul>
11:30-12:00	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, (Italy)</i></li> </ul>
12:00-12.30	Macro-regional policies for Bioeconomy and Central-Eastern Europe <ul style="list-style-type: none"> <li>• <b>Nicolas ROBERT</b>– <i>JRC Joint Research Centre, Bio-Economy Unit, European Commission</i></li> </ul>
12:30 – 13:00	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, (Italy)</i></li> </ul>
13:00 – 14.30	Pranzo - Lunch

## Session 2

### How science drives Rural Renaissance: the Interreg Italia-Austria 2014 – 2020 project InCIMA

Chair	Fabrizio Goffredi - <i>FVG Agrifood &amp; Bioeconomy Cluster Agency, (Italy)</i>
14:30-14:50	InCIMA – The project and its execution <ul style="list-style-type: none"> <li>• <b>Lisa Vaccari</b> - <i>Elettra Sincrotrone Trieste, Trieste , (Italy)</i></li> </ul>
14:50-15:10	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>
15:10-15:30	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 , (Italy)</i></li> </ul>
15:30-15:50	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>
15:50-16:10	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>
Chair	<b>Pierpaolo Rovere</b> - <i>FVG Agrifood &amp; Bioeconomy Cluster Agency, (Italy)</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 , (Italy)</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 (Italy)</i></li> </ul>

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

### Session 3

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

Chair	<b>Lisa Vaccari</b> - <i>Elettra Sincrotrone, Trieste, (Italy)</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>University of Udine, (Italy)</i></li> </ul>
9:30-9:45	Nano-fertilizers from bio-waste
	<ul style="list-style-type: none"> <li>• <b>Luca Marchiol</b> - <i>University of Udine, (Italy)</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>University of Trieste and Stazione Zoologica ‘Anton Dohrn’, Napoli, (Italy)</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>
<b>10:15-10:30</b>	<p>Biobased building blocks: from research to industrial applications</p> <ul style="list-style-type: none"> <li>• <b>Andrea Mingher</b> - <i>AEP Polymers srl, Trieste, (Italy)</i></li> </ul>
<b>10:30-10:45</b>	<p>SRIP – Circular economy: establish new value chains among Slovenian stakeholders</p> <ul style="list-style-type: none"> <li>• <b>Dragica Marinič</b> - <i>SRIP - Strategic Research and Innovation Partnership – Circular economy (Slovenia)</i></li> </ul>
<b>10:45– 11:30</b>	<i>Pausa caffè - Coffee break</i>
<b>Chair</b>	<i>Lucia Gardossi – University of Trieste, Cluster SPRING, (Italy)</i>
<b>11:30-11:45</b>	<p>Interregional EU projects for Bioeconomy implementation: the Power4Bio Project</p> <ul style="list-style-type: none"> <li>• <b>Sara Cantone</b> - <i>Università degli Studi di Trieste, Cluster SPRING, (Italy)</i></li> </ul>
<b>11:45-12:00</b>	<p>SPRING and Working table of Regions: supporting the regional Bioeconomy development</p> <ul style="list-style-type: none"> <li>• <b>Raffaele Liberali</b> - <i>Cluster SPRING, (Italy) - Working Table of Regions on Bioeconomy</i></li> </ul>
<b>12:00-12:15</b>	<p>Creating Bioeconomy hubs in the EU-Eastern regions: Power4Bio approach</p> <ul style="list-style-type: none"> <li>• <b>Laura García Laverde</b> - <i>DBFZ, German Biomass Research Center (Germany). Power4Bio partner</i></li> </ul>
<b>12:15-12:35</b>	<p>The Andalusian Regional Bioeconomy strategy: opportunities and challenges</p> <ul style="list-style-type: none"> <li>• <b>Lourdes Moreno Miranda</b> - <i>Andalusian Bioeconomy Strategy – Junta de Andalusia (Spain). Power4Bio partner</i></li> </ul>
<b>12:35-13:00</b>	<p>The BioBased Industry Joint Undertaking initiative (BBI-JU): the perspective of the State Representative Group</p> <ul style="list-style-type: none"> <li>• <b>Fabio Fava</b> - <i>University of Bologna, (Italy), Chair of the State Representative Group of BBI-JU, IT Representative, Horizon2020 SC2 Programming Committee</i></li> </ul>
<b>13:00 – 14.30</b>	<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, (Italy)</i></li> <li>• <b>Sara CANTONE</b> - <i>Power4Bio project / Cluster SPRING, (Italy)</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 Banking Group, (Italy)</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, (Italy)</i></li> <li>• <b>Alberto Bezama</b> – <i>Centre for Environmental Research – UFZ, (Italy)</i></li> <li>• <b>Črtomir Tavzes</b> – <i>Slovene Forest-based Technology Platform, (Slovenia)</i></li> <li>• <b>Leo Breedveld</b> – <i>2B srl (SWEETWOODS)</i></li> <li>• <b>Sabina Licen</b> - <i>University of Trieste, (Italy)</i></li> <li>• <b>Fabrizio Goffredi</b> – <i>Biolab (VALEST project FESR-FVG), (Italy)</i></li> <li>• <b>Loris Mestoni</b> – <i>Agro21 s.a. – (Future of Bioenergy in FVG)DCFVG, (Italy)</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>	<b>Conclusions</b>
	<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>

### **Comitato Organizzativo**

Lucia Gardossi – Università degli Studi di Trieste, Board of Italian Technology Cluster SPRING  
 Lisa Vaccari – Elettra Sincrotrone Trieste, PI del progetto Interreg Italy-Austria InCIMA  
 Sara Cantone – Italian Cluster SPRING: Power4Bio project and Università degli Studi di Trieste  
 Roberto Venturini- Regione Friuli Venezia Giulia  
 Pierpaolo Rovere - FVG Agrifood&Bioeconomy Cluster Agency  
 Mario Bonaccorso – Italian Technology Cluster SPRING and Assobiotec  
 Serena Borgna - Horizon 2020 National Contact Point for BIO, NMP and ERC Programme at APRE  
 Matteo Sabini – Horizon 2020 National Contact Point for BIO, NMP and SC2 at APRE  
 Chiara Pocaterra – Horizon 2020 National Contact Point for SC2, SC3 and Euratom at APRE

### **Comitato Scientifico**

Fabio Fava – Alma Mater Studiorum-Università di Bologna, Italian Representative H2020 Programme Committee SC2 and BBI JU  
 Mauro Stener – Università degli Studi di Trieste - Director Dipartimento di Scienze Chimiche e Farmaceutiche  
 Paolo Ceccon – Università degli Studi di Udine - Director Dipartimento di Scienze agroalimentari, ambientali e animali  
 Prof. Maurizio Musso – University of Salzburg  
 Prof. Gianluca Tondi – Salzburg University of applied sciences and Salzburg Center for Smart materials  
 Judit Anda – Coordinator of Andalusian Strategy of Bioeconomy, Power4Bio Project  
 Laura García Laverde – German Biomass Research Center, Power4Bio Project  
 Antonio Terlizzi – Università degli Studi di Trieste and Stazione Zoologica ‘Anton Dohrn’ Naples