



# TetRRIs Winter School

9-10 February 2023

Palacio de la Magdalena, Santander, Cantabria (Spain)

<https://palaciomagdalena.com/>

<https://tetrris.eu/>

Smart Specialisation Strategies (called S3) were conceived as a way of addressing the innovation gap between the United States and the European Union that was identified after the deployment of Lisbon Strategy in the beginning of XXI century. These strategies (S3) became one of the regional backbones of the EU Research & Innovation (R&I) policy during the lifespan 2014–2020 of Horizon 2020. S3 strategies were designed to promote economic growth and competitiveness across European regions through involving a broad spectrum of stakeholders in a process of identifying regional strengths and comparative advantages followed by selecting a limited number of priority areas for R&I investment.

Recently, S3 strategies are being reoriented to embrace sustainability and inclusive growth into its DNA through initiatives such as the “Partnerships for Regional Innovation”<sup>1</sup>. These efforts are being conducted for confronting new societal demands, challenges and expectations concerning R&I policy such as climate change. This reorientation of S3 also seems to demand new tools for improving its regional governance, incorporating other kinds of non-technological innovations into regional configurations that can go beyond the classical conceptualisations of R&I, as well as enabling multi-stakeholder engagement processes that can facilitate public discussion and debates on different interests and visions.

The concept of Responsible Research and Innovation (RRI) has also been promoted by the EC through Horizon 2020 to anticipate and assesses potential implications and societal expectations regarding R&I, fostering the design of inclusive and sustainable research and innovation. RRI has proved to be a useful and robust philosophy for R&I policy that emphasizes and prioritizes societal engagement and participatory governance.

But how RRI can explicitly contribute to this reorientation of S3 strategies towards sustainability? What can RRI offer to this transformation of current regional strategies oriented to economic growth?

This event tries to address these and other related questions during two days with the help of invited speakers and practitioners across Europe. With their help, we aim to explore current visions and understandings of RRI into different regional innovation systems and to identify potentialities and possibilities of RRI for S3 reorientation.

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<sup>1</sup> [https://ec.europa.eu/regional\\_policy/en/newsroom/news/2022/05/17-05-2022-partnerships-for-regional-innovation-63-regions-seven-cities-and-four-member-states-selected-for-pilot-action](https://ec.europa.eu/regional_policy/en/newsroom/news/2022/05/17-05-2022-partnerships-for-regional-innovation-63-regions-seven-cities-and-four-member-states-selected-for-pilot-action)

## DAY1: Ethics, Sustainability and welfare

8:45	15'	<b>Registration</b>
9:00	15'	<b>Institutional welcome</b> <b>Jorge Muyo</b> (Cantabria Government) <i>General Director of Innovation of Cantabria Government</i>
9:15	15'	<b>Introduction and Inspiration</b> <b>Raúl Tabarés</b> (TECNALIA) <i>Senior Researcher at TECNALIA</i>
9:30	35'	<b>Keynote 1: “Responsible transitions to sustainability: challenges, opportunities and the role of regions”</b> <b>Eduarne A. Íñigo</b> (Universidad de Deusto) <i>Associate Professor at Deusto Business School</i>
10:05	10'	<b>Q&amp;A</b>
10:15	35'	<b>Keynote 2: “The role of Responsible Innovation in a Just transition to Circular Economy”</b> <b>Mario Pansera</b> (Universidad de Vigo) <b>(online)</b> <i>Director and ERC Grantee UVIGO Post-Growth Innovation Lab</i>
10:50	10'	<b>Q&amp;A</b>
11:00	15'	<b>Break</b>
11:15	90'	<b>Practitioners Panel: “Ethics, Sustainability and Welfare”</b> <i>Discussion with the help of experts how RRI can help in the smart specialization reorientation towards sustainability. 15 minutes per presentation plus 45 minutes of debate.</i> <ul style="list-style-type: none"> <li>- <b>Marcos Lopez Hoyos</b> (Scientific Director IDIVAL Health Research Institute - <a href="#">Cohorte Project</a>) <i>“Cohorte Cantabria”</i></li> <li>- <b>Nicté García</b> (Universitat Jaume I - <a href="#">Ethna System Project</a>) <i>“Ethical Governance for R&amp;I processes in practice: preliminary results, drivers, barriers and beyond”</i></li> <li>- <b>Laure Raso</b> (Centro Europeo de Empresas e Innovación de Murcia - <a href="#">Cherries Project</a>)- <b>(online)</b> <i>“Co-creation and demand-driven innovation in healthcare: the experience of the CHERRIES project in Responsible Research and Innovation”</i></li> </ul> <b>Moderator: Raluca Cibu-Buzac</b> (Founder and CEO at Luminspino)
12:45	10'	<b>Q&amp;A</b>
12:55		<b>End of day 1</b>

## DAY2: Engagements, Transformations and Transitions

8:45	15'	<b>Registration</b>
9:00	10'	<b>Welcome and introduction</b> Ezeikiela Arrizabalaga (TECNALIA) <i>Project Manager at TECNALIA</i>
9:10	35'	<b>Keynote 1: "Smart Specialisation in transition for place-based transformative innovation"</b> <b>Richard Tuffs</b> ( <a href="#">Friends of Smart Specialisation</a> ) <i>Smart Specialisation expert and TetRRIs Advisory Board Member</i>
9:45	10'	<b>Q&amp;A</b>
9:55	90'	<b>Practitioners Panel: "Engagements, Transformations and Transitions"</b> <i>Discussion with the help of experts how RRI can help in the smart specialization reorientation towards sustainability. 15 minutes per presentation plus 45 minutes of debate.</i>  <ul style="list-style-type: none"> <li>- <b>Petar Vrgovic</b> (University of Novi-Sad - <a href="#">COCHANGE Project</a>) - <i>"RRlizing in the Balkans: Faculty of Agriculture as an experimental lab for implementing RRI in the academia"</i></li> <li>- <b>Rosa Arias</b> (Science for Change - <a href="#">Transform Project</a>) <i>"Introducing citizen science and RRI in the RIS3CAT: Impacts of the TRANSFORM Project in Catalonia"</i></li> <li>- <b>Rachel Claire Tully</b> (Agencia Extremeña de la Energía - <a href="#">Ripeet Project</a>) (<a href="#">online</a>) <i>"RRI policy experimentations for energy transition in Extremadura"</i></li> </ul> <b>Moderator: Antonia Bierwirth</b> (TECNALIA)
11:25	10'	<b>Q &amp; A</b>
11:35		<b>End of the event</b>

## SPEAKERS

### Ezeikiela Arrizabalaga

Researcher and Project manager at expert group POINT “Policies for Innovation and Technology” at TECNALIA. She has experience leading and participating in projects in the field of innovation and technology transfer with broad experience in regional, national and international multi-partner projects dealing with technology and innovation policy research, social impact of technology, regional innovation policies and cross-border cooperation.

### Antonia Bierwirth

Antonia has PhD in International Relations from Autonomous University of Madrid, she has furthermore University Degrees in Business Administration and in Political Sciences. She is employed at the Institute for Innovation Policy (POINT) at Tecnalia and has more than 15 years of experience in Research and Development. In the past seven years she has focused mainly on issues related to Responsible Research and Innovation and Ethics of Science and Technology.

### Raluca Cibu-Buzac

Raluca CIBU BUZAC is founder of LUMINSPINO, an advanced process consulting company that supports both private and public entities in the area of complete Innovation Management Lifecycle. Our portfolio of services includes strategy process design, support for scaling innovation, EU-funded Research & Innovation proposal writing, and tools for developing innovation ecosystems. Starting with 2023, LUMINSPINO is offering the signature consulting packet titled “Learning Networks for First Movers”, a tailor-made strategy design and implementation facilitation process that addresses place-based opportunities and engages actors' intelligence. Before LUMINSPINO, Raluca led the team within West Regional Development Agency which delivered the first RIS and then the first S3 of West Romania, as well as she coordinated the integral activities of internationalisation and business support (as Enterprise Europe Network consortium coordinator), the operations of Tehimpuls (regional centre for innovation and technology transfer), and the setting up of the European Digital Innovation Hub.

### Rachel Claire Tully

Ms. Tully has served as Head of EU projects at Extremadura’s Energy Agency since June 2020. She previously served as Project Manager for over three years, leading projects in the field of renewable energy and energy efficiency improvements; and developing new project proposals for different EU funded programs. Prior to that, she began her professional career in the private sector, focusing on the design and supply of products and solutions for all kind of gas turbine installations. Rachel holds a degree in Mechanical

Engineering, a master's degree in Renewable Energy Projects and a Certification in Project Management.

### Nicté García

She is manager of the ETHNA System project at the UJI. She has more than 7 years of experience in managing proposals and European projects of technical cooperation in Erasmus+ and H2020 programmes. She also has a Master's degree in International Relations from IBEI. She has worked mainly for consulting firms and NGOs in England and Spain. In addition, as a graduate in Translation and Interpreting from the UJI, she is also an Associate Professor in the Department of Translation and Communication at the same university.

### Edurne A. Iñigo

Edurne Iñigo is an Associate Professor at Deusto Business School (Bilbao and San Sebastian), Spain. Her research interests are the management of sustainability-oriented innovation and responsible innovation and how businesses can act as levers in the transition to sustainable economies, through sustainable marketing and business model innovation for Sustainability. She has published in journals such as Journal of Responsible Innovation, Industrial Marketing Management, Journal of Cleaner Production, Technological Forecasting and Social Change or Industry and Innovation. Edurne serves as member of the Board of the ERSCP (European Roundtable of Sustainable Consumption and Production). She collaborates in the H2020 Auroral project and other national and local research projects.

### Marcos Lopez Hoyos

Immunologist at Marqués de Valdecilla University Hospital (Santander, Spain) from July 1997. Doctor in Medicine and Surgery from the University of Cantabria in 1997. Head of the Immunology Service at Marqués de Valdecilla University Hospital from April 2012. Associate Professor in Immunology at University of Cantabria (Spain). Member in a number of official organisms and scientific societies (SEI, SEAIC, SET, ONT). Secretary of the Board of the Spanish Society of Transplantation. Research: mechanisms of immune tolerance. In the beginning I was focused on its role in the induction of autoimmune disease in experimental models but later I moved towards solid organ transplantation because of similar pathogenic mechanisms. In the last 10 years I have been focused on clinical translation of basic findings. Leader of the Transplantation and Autoimmunity Research Group of the IDIVAL Research Institute (Santander, Spain). Research lines have been funded in competitive national calls: 14 as PI (5 Ministry of Health, 8 regional, 1 Fundación Mutua Madrileña) and 6 as collaborator (4 Ministry of Health, 2 Fundación Mutua Madrileña). Author of 160 works indexed in PubMed, 20 book chapter and active participation in national and international congresses. 13 directed PhD projects. Editorial Board: The Open Journal of Autoimmunity, Autoimmunity Highlights, Trends in Transplantation, ISRN Rheumatology.



## Jorge Muyo

He holds a degree in Management and Business Administration from the University of Wales College Newport (UK) obtained in 1998. He is also a specialist in Management of Technological and Industrial Innovation from the Complutense University of Madrid (2003), as well as in technological foresight and competitive intelligence from the Pompeu Fabra University (2007). He has been a member of the Executive Committee of the European Community Projects Manager Association (ECPMA), head of innovation and industry in CEOE-CEPYME and technician in the same field in the Chamber of Commerce of Cantabria. During this last position he advised the Cantabrian business ecosystem in different activities related to research, technological development and Innovation, as well as industrial property rights and technology transfer agreements. In addition, he has been project evaluator for the European Commission in matters related to innovation. He has an extensive background in innovation policies, patents and industrial property.

## Mario Pansera

Mario is currently employed as Distinguished Researcher by the UVIGO. He's also affiliated Researcher at the Autònoma University of Barcelona. He is the PI of ERC Starting Grant for the project PROSPERA (947713) and Coordinator of the H2020 project JUST2CE. His work focuses on Responsible Research and Innovation (RRI) and Innovation for degrowth/postgrowth. He gained a PhD in Management at the University of Exeter Business School in 2014. After his Marie-Curie post-doctoral fellowship in Brussels, he worked as a research fellow at the University of Bristol from 2017 to 2020. Mario is honorary research fellow at the University of Bristol and international faculty at the Graduate School of Business of the University of Cape Town in South Africa where he teaches Responsible Innovation in the ExeMBA.

## Laure Raso

Laure Raso is Head of the International Initiatives department at the EU Business Innovation Centre of Murcia (CEEIM), Spain, where she is responsible for the implementation of the European projects carried out by the organisation and for the support and promotion of the participation of the CEEIM's technology-based incubated companies in international initiatives. Holding a degree in Sociology from the University Victor Ségalen Bordeaux II (FR), she then specialized in European studies by obtaining a master's degree in European Projects and Local Development from the University of Caen (FR). During her professional career developed in France and Spain, she has acquired relevant expertise in EU-funded Research and innovation, education and training, or entrepreneurship and business development programmes, working both as technical assistant and project manager.



## Rosa Arias

Rosa Arias is a Chemical Engineer and master in energy with extensive experience in odour pollution management and citizen science. She coordinates the H2020 projects D-NOSES and NEWSERA, in citizen science and science communication, as well as the Catalan cluster of the TRANSFORM project. She is the creator of the OdourCollect App and the CEO and founder of Science for Change, a company whose mission is to bring science closer to society to address territorial challenges, promote social innovations and inform public policies. SfC uses co-creation and participatory methodologies, promoting collaborative research among quadruple helix actors. Rosa is also a member of the Board of Directors of the European Citizen Science Association (ECSA) and a technical advisor to the Spanish initiative "Science in the Parliament". She is passionate about the concept of Responsible Research and Innovation (RRI), citizen science and the role of women in science.

## Raúl Tabarés

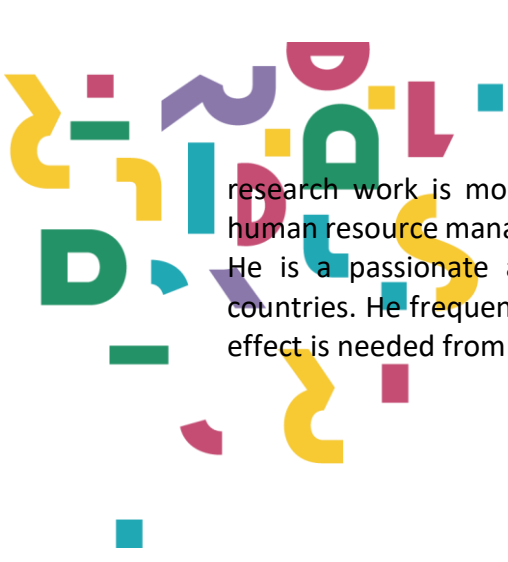
Dr. Raúl Tabarés is senior researcher at Fundació TECNALIA RESEARCH & INNOVATION where he works at the intersection of digitalization, policy and culture. He also collaborates with the Master of Philosophical Challenges of the Open University of Catalunya where he teaches the module of "Technoscientific challenges". His work has been published in top-rated journals and he has been a speaker in different seminars, lectures, workshops and events. He has been involved in many international collaborative research projects such as OPENMAKER (Horizon 2020) or New HoRRizon (Horizon 2020) among others. He is also member of EASST and Red esCTS associations, and he is part of the editorial board of the "Journal of Responsible Technology". Nowadays, his research is tightly related with digital cultures and responsible innovation.

## Richard Tuffs

Still based in Brussels and on the TETRRIS Advisory Board, Richard has been following S3 since 2010 and is a founder member of the Friends of Smart Specialisation - an informal group of independent experts promoting strategic thinking around the concept of smart specialisation. Since 2021, Richard has been following the ESG agenda (Environment, Social, Governance) and its increasing importance in EU policy making. Richard is pleased to collaborate with CONNECTS (a global, simple, and cost-effective B2B digital platform in Brussels) to examine the effects of ESG on SMEs and in future smart specialisation strategies.

## Petar Vrgovic

Petar Vrgović finished his primary studies in Psychology at University of Novi Sad, and later obtained a PhD in Engineering Management, exploring communication aspects of idea management systems. As a tenured professor at the Department of Industrial Engineering and Management, Faculty of Technical Sciences, University of Novi Sad, he teaches subjects related to business communication, creativity management, and conflict management. His

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research work is mostly focused on communication aspects of engineering processes, human resource management, and managing human potential within innovation activities. He is a passionate advocate for responsible research and innovation in developing countries. He frequently acts as a facilitator in co-creation workshops where a synergistic effect is needed from participants from different professional backgrounds.