



TetRRIS Policy Lab baseline and thematic briefs

Grant Agreement No.: 872550

Project Acronym: TETRRIS

Project Title: Territorial Responsible Research and Innovation and Smart Specialization

Version: 2.0

Work package 5

Deliverable D5.1

Due Date: 31/5/23

Submission Date: 31/5/23

Dissemination level: Public

Author(s): Ezeziela Arrizabalaga, Raúl Tabarés

Reviewers: Mika Nieminen, Nina Rilla, Katariina Palomäki, Juha Oksanen (VTT)

Status: Final

DOCUMENT HISTORY

Version	Date	Author	Description
1.0	13/04/2021	Ezeziela Arrizabalaga	Document structure
1.1	3/5/21	Raúl Tabarés	First draft
1.2	21/04/23	Ezeziela Arrizabalaga	Second draft
1.3	31/5/23	Raúl Tabarés & Ezeziela Arrizabalaga	Final draft
1.4	12/5/23	Mika Nieminen, Nina Rilla, Katariina Palomäki, Juha Oksanen	Review and comments
1.5	25/5/23	Ezeziela Arrizabalaga	Revisions
2.0	29/5/23	Raúl Tabarés & Ezeziela Arrizabalaga	Final Document

ACKNOWLEDGEMENT

The work described in this publication has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 872550.

LEGAL DISCLAIMER

The information and views set out in this deliverable are those of the author(s). Neither the European Commission nor any person acting on its behalf is not liable for any use that may be made of the information contained herein. The information in this document is provided "as is", and no guarantee or warranty is given that the information is fit for any particular purpose. The TetRRIS Consortium Members shall have no liability for loss or damage suffered by any third party as a result of errors or inaccuracies in this material. The information in this document is subject to change without notice.

Copyright belongs to the authors of this document.

Use of any materials from this document should be referenced.



EXECUTIVE SUMMARY

- This deliverable explains the setting up of the three sessions held under the TetRRIS Policy Lab. To this aim it comprises a brief introduction about the objectives and particularities of the lab, what methodology has been employed for its operationalization and development up, how its thematic focus has been selected and what timing, planning and group targeting has been chosen. In addition, several annexes provide additional information about the process.
-

TetRRIS Policy Lab baseline and thematic briefs.....	1
DOCUMENT HISTORY	1
ACKNOWLEDGEMENT	1
LEGAL DISCLAIMER.....	1
EXECUTIVE SUMMARY	2
1- Introduction.....	5
2- Methods.....	6
3- Content baseline and synergies identified.....	8
4- Timing, planning and target groups	13
4.1 First TetRRIS Policy Lab at EU Regions Week (13/10/2022)	13
4.2 Second TetRRIS Policy Lab – TetRRIS Winter School in Santander (9-10/2/2023).....	15
4.3 Third TetRRIS Policy Lab at TetRRIS Final Conference (5/7/2023)	17
5- Bibliography	19
6- Annex 1: Thematic Box for Policy Lab (Survey)	21
7- Annex 2: Survey Results	23
8- Annex 3: Regional Challenges, Drivers, and Barriers (Survey)	28
9- Annex 4: Agenda of First TetRRIS Policy Lab	29
10- Annex 5: Agenda of TetRRIS Winter School.....	34
11- Annex 6: Agenda of TetRRIS 3 rd Lab and Final Conference (tentative).....	44



List of Figures

Figure 1 Policy Lab timing.....	6
Figure 5 Summary of the results of the session	11
Figure 6 Barriers, challenges and drivers spotted by participants	12
Figure 7 Survey results	27

- The aim of Project TetRRIS – Territorial Responsible Research and Innovation and Smart Specialization is to support four European pilot territories in integrating Responsible Research and Innovation (RRI) practices into their local/regional (“territorial”) innovation systems and development approaches; to promote mutual learning and interaction between the pilots (and, where possible, other European projects and regions); and to develop tools, good practices and policy recommendations that can be used to integrate RRI into regional development in other European territories.

WP 5 provides a policy lab as a space for structured exchange among the regional partners and stakeholders, to facilitate mutual learning, networking, and the creation of enriching synergies between the regions. This WP is developing mechanisms for stimulating knowledge exchange and sharing between regions as much as possible to determine how regions can help each other during the road mapping stage and what regions would like to offer to the rest of the regions at the end of the process.

The lab consists of three sessions at the European level, to bring together the pilots and other regions. The two first sessions focused on a different pilot territory and thematic issues related to RRI. The final session is expected to draw together and validate the key learnings generated in the lab and the pilots for collecting, systematizing, and condensing key learnings achieved in the course of TetRRIS lifespan.

As a first step in this process, this report establishes the guidelines for the design, development, and evaluation of the TetRRIS Policy Lab and information about the design, organize and preparation of the sessions (decisions over formats, schedules, moderation techniques, participants etc.).

To this aim, this document is structured in several sections. The first one explains the methodology employed in the lab, the second one is devoted to explaining the methodology applied in the TetRRIS Policy Lab, the third one exposes the criteria for establishing the content baseline and the last one is dedicated to the timing, planning and targeting group of the lab. There are also some annexes that provide additional information of these sections of this deliverable.

- The setting up of the TetRRIS Policy Lab has been established around the “social lab” methodology. The term “social lab” was coined by by Zaid Hassan (2014) in his book “*The Social Labs Revolution: A new approach to solving our most complex challenges*”. This idea is also rooted in the participatory research tradition that aims to facilitate involvement of different participants into collective and iterative experimentation for addressing pressing problems (Reason & Bradbury, 2001).

The theoretical foundations of social labs can be also associated to innovative educational theories developed in the late 20th century (Tabarés Gutiérrez & Bierwirth, 2019) such as “learning by doing” (Dewey, 2009), “constructionism” (Papert & Harel, 1991), “critical pedagogy” (Freire, 1974) and “communities of practice” (Wenger, 1998). These ideas are also pillars to what have been later known as “experiential learning” (Kolb, 1984) stressing the importance of contextualized, informal, and participatory learning processes (Tabarés & Boni, 2022).

Social labs are one of the last manifestations of action research tradition (Hassan, 2014; Takeuchi et al., 2014), providing inclusive, temporary and experimental spaces that can facilitate stakeholder engagement for facilitating transformation into innovation ecosystems (Braun et al., 2022; Marschalek et al., 2022; Timmermans et al., 2020). They also belong to the increasing relevance of “labs outside of lab environments” that started with other kinds such as “citizen labs”, “urban labs” or “media labs” (Romero-Frías & Robinson-García, 2017).

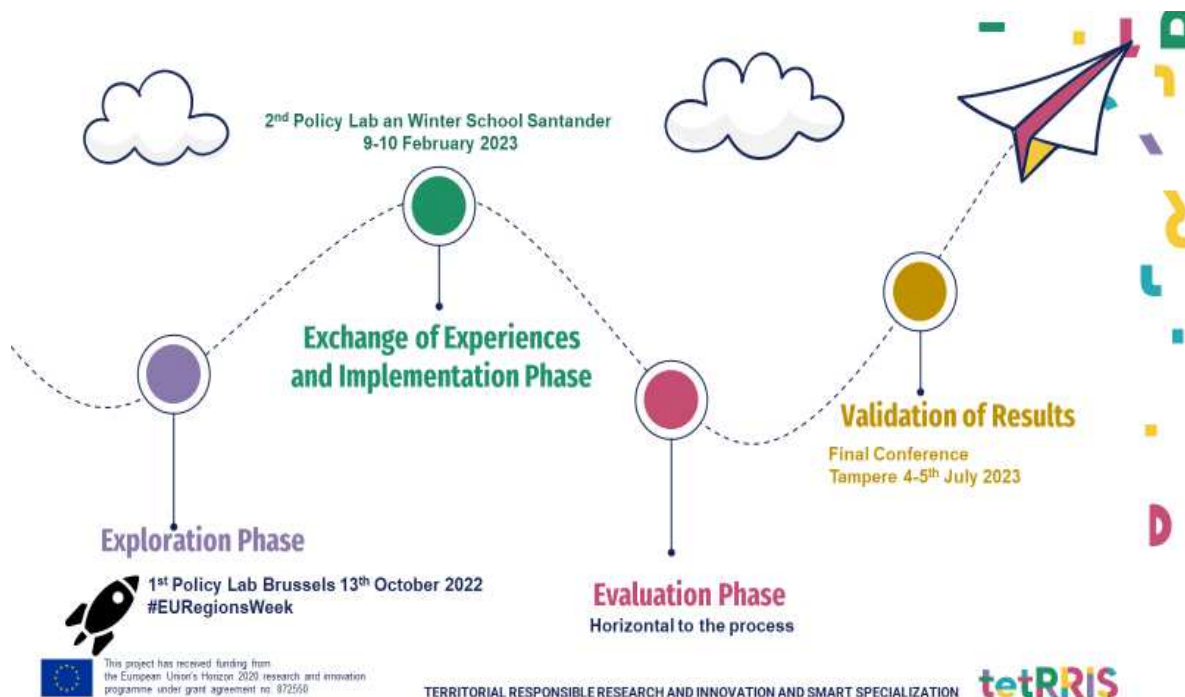


Figure 1 Policy Lab timing



In the last years the social lab formula has been commonly developed in a number of RRI projects such as New HoRRizon¹, RI Configure², SockETs³ or Co-Change⁴. These projects have produced several guidelines and manuals that have informed the setting up of the TetRRIS Policy Lab (Griessler et al., 2021; Mendibil et al., 2021; Popa et al., 2018; Tabarés et al., 2020). These documents have helped to establishing mechanisms and instruments in the TetRRIS Policy Lab oriented to promote information exchange between participants and helping them to identify challenges, barriers and drivers around the experimentation that occurred during WP4. This has been also one of the main objectives of the lab, providing a space for structured exchange among the regional partners and stakeholders that enabled mutual learning, networking, and the creation of enriching synergies between the regions. Regions have benefitted from these mechanisms and instruments for helping each other during this stage and establishing synergies between them till the end of the process. In this sense, TetRRIS Policy Lab was established as an inclusive, temporary and experimental space that enabled the right conditions, resources and tools for facilitating structured exchange among the regional partners and stakeholders, facilitating mutual learning, networking, and the creation of enriching synergies between the regions.

1 <https://newhorizon.eu/>

2 <http://riconfigure.eu/>

3 <https://sockets-cocreation.eu/>

4 <https://cochangeproject.eu/>

The first step was to get contributions to this “wish list” and agree on the content according to the participating regions “interest and experience”. With this information we identified gaps and common issues for which we have jointly developed new solutions during the Policy Labs, workshops, and other learning activities.

The survey was designed in two different sections:

- Design and development of the Entrepreneurial Discovery Process in your region. Strategy execution/implementation
- Implementation of the policy through specific support instruments.

See full responses in Annex 2

1. Design and development of the Entrepreneurial Discovery Process in your region. Strategy execution/implementation

The first section aimed to collect information about the smart specialization strategies (S3) execution and implementation in the regions. Most of the regions showed interest about how the reflection of relevant RRI for S3 done at regional level and only a few answered that they have experience in such kind of processes (Karlsruhe). With regards to monitoring, the survey show that the regions have relative low experience measuring policy success on indicators for promoting and monitoring RRI and analysing how does this evaluation feed into strategy, but it was considered a relevant topic for them in terms of interest.

Public Engagement was also spotted as very relevant for all the regions. All of them were interested in experiences about how strategies for involving stakeholders and citizens in collaborative co-creation settings. Only a few regions had experience in this topic (Tampere). Many regions had also experience linking social policies with S3 (already concerned with social needs and promoting cross-fertilization between different policy domains) and other relevant policies (Policy Mix) but this was not considered a priority issue to be addressed in the Policy Lab.

Finally, marketing related experiences and ideas about how regions can indicate that are socially responsible at regional level was a very relevant topic for all the regions. However, there were no regions considering themselves to have significant experience on this matter.

2. Implementation of the policy through specific support instruments

The second section was oriented to specific support instruments that may help at policy level to integrate RRI into regional policies. There is notable focus on some areas that appear to be particularly important. See the full answers in Annex 2.

1. **Designing innovation ecosystems with social impact** generates a lot of interest, however none of the regions have relevant experience developing them.
2. **Sustainability** policies are very significant. There are some regions with relevant experience designing and implementing them at regional level. This is the case of Tampere region, Cantabria region and Karlsruhe
3. **Brain drain/Brain gain policies.** Policy making in this topic is considered of interest, some regions have experience, such as, Karlsruhe and Tampere regions.

4. **Mission-Oriented Innovation policies.** This topic is interesting for all the regions. Tampere region has relevant experience.
5. **Innovation Networks.** The survey answers show high interest in this support instrument and most of the regions have experience developing them.
6. **Open innovation policies and Open innovation platforms (OIPs) together with Living Labs/ Other mechanisms, for transformative changes** generate interest and Karlsruhe and Tampere regions have experience.
7. **Policies to support transformative changes in value chains** seems to be a topic that many regions want to deepen.
8. **UN Agenda 2030 and the Sustainable Development Goals (SDGs)** It is an attractive topic, but the level of experience varies greatly between regions.
9. **Developing cross-border regional identity and cross-border cooperation** is very relevant specially for Karlsruhe and Szeged Timisoara which are border regions themselves.

From WS1 to WS2: Survey about regional Challenges, Drivers and Barriers

During the first workshop of the TetRRIS Policy Lab, TECNALIA team dig into regional experimentation for identifying barriers, drivers, and challenges around the implementation of RRI into smart specialization. Four collective interviews were delivered with the representatives of the regions. This open interviewing slot pivoted around three main themes that occurred during the experimentation: barriers, challenges, and drivers.

After the interview session a participatory exercise was organized to map out common issues that have occurred during the experimentation and that can lead to further debates, knowledge exchange and mutual supporting between regions at later stages into the Policy Lab (see table 1). The exercise collected insights, lessons, and learnings between them around the following three questions:

- *What are the main barriers that we observe when introducing RRI into S3? How can they be overcome?*
- *What challenges emerge when reorienting RIS3 strategies towards sustainability and responsibility? Why? How they could be addressed?*
- *What drivers can help to facilitate the adoption of RRI into S3? How could we transfer these drivers to other regional contexts?*

The summary of the results of the session are collected in the following table:


 <p>BARRIERS</p>	1. Lack of knowledge of RRI concept
	2. "Classical", "Technical" concept of innovation (not social)
	3. Innovation is not a horizontal approach in territorial policy
	4. Funding barriers (regional, cross border budgets and lack of legislation)
	5. Plurality of EU level mechanisms
<p>CHALLENGES</p>	1. "Green and white washing": Reaching the responsibility & sustainability goals to present an environmentally responsible public image.
	2. Cognitive and structural path dependency. Change the old ways of doing things in regional organization.
	3. Engagement. Engage stakeholders in softer policies that cannot be measured
	4. Attractive and understandable policies. Try to be translators of the meaning and usefulness behind the RRI concept
	5. Individual vs. social values: eliminate behaviours that we personally love but are not ethical
<p>DRIVERS</p>	1. Funding
	2. Current global situation (energy, war, climate change)
	3. Political involvement and Conscious Politicians+ Social capital
	4. Social infrastructures (urban labs, citizen platforms...)
	5. Communication and transmission of RRI to the general public

Figure 2 Summary of the results of the session

As a connecting point between the first and second lab and in order to prepare the content for the second lab (Winter School and 2nd Lab in Santander) the regions were asked to prioritize these themes. To this end, a survey was sent out in December 2022 for the regions to answer which of the barriers, challenges and drivers applied/were prioritized in their regions. The aggregated responses show that in terms of **drivers** the following stand out: **Communication and transmission of RRI to the general public, political involvement and funding**. In terms of **challenges**, all the regions selected: **Attractive and understandable policies**. Try to be translators of the meaning and usefulness behind the RRI concept. Finally, **Classical**, **"Technical" concept of innovation** (not social) and **lack of knowledge of RRI** concept are seen as main **barriers** for the regions.

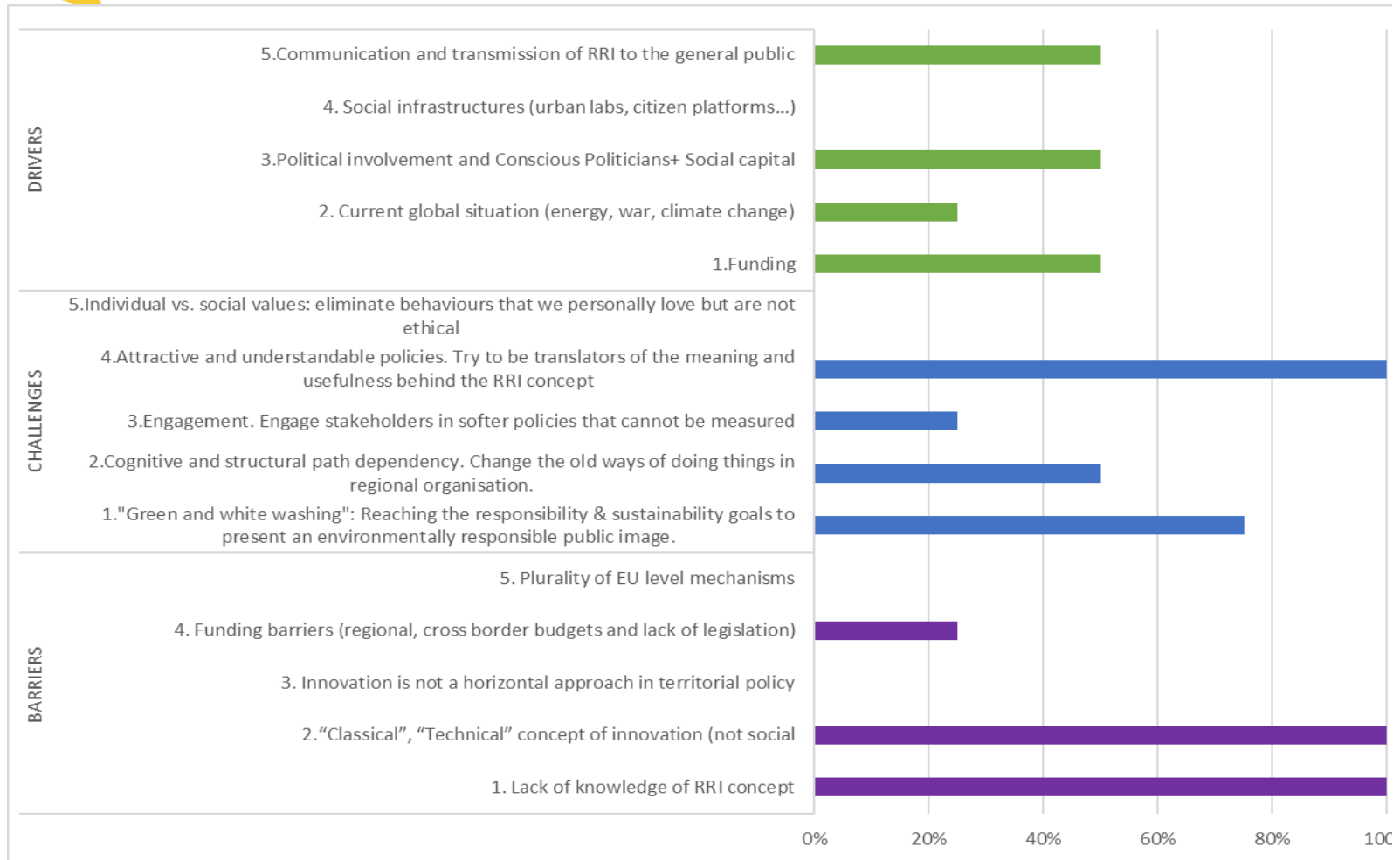


Figure 3 Barriers, challenges and drivers spotted by participants

4-Timing, planning and target groups

The policy lab serves to facilitate structured exchange, cross-learning, and networking between the pilot regions and further RRI practitioners regarding their experiences and learnings in integrating RRI into regional innovation and development policy. Engaging external stakeholders and insiders of regional policy has been crucial for the purposes of the lab. Special attention has been also paid to interregional synergies created by TetRRIS, thus, relevant initiatives have been screened to maximize the lab's impact. External stakeholders interested in the project and insiders of regional policy, have been invited to take part in the sessions of the TetRRIS Policy Lab to maximize impact and establishing synergies and collaborations that can be extended beyond the project's lifespan.

In addition, the different workshops held by the TetRRIS Policy Lab have been also programmed in liaison with other events, trying to avoid unnecessary travels and maximizing resources and impacts. That is why the first workshop of the lab was held in coordination with the EU Regions Week and the third one in conjunction with the final conference of TetRRIS. At the same time, the second workshop was conceived as a bigger event (two days) trying to congregate different RRI experts and practitioners for enabling synergies within regions and inspiring them. At the same time, public and private parts have been included in all workshops of the lab for establishing “safe” spaces that could trigger private conversations and creating a climate of trust and cooperation between regions and their stakeholders. Involvement of representatives of sister projects as well as members of the advisory board has been also common in all workshops of the lab for favouring exchanges.

TetRRIS Policy Lab has been developed around a set of three physical and participatory workshops held from the fall of 2022 until the summer of 2023. The first workshop was held together with the first in presence consortium meeting in October 2022 and organized as one of the side events in the framework of the European Week of Regions and Cities 2022. A second bigger workshop, called “TetRRIS Winter School”, was held during 9th and 10th of February 2023 in Santander. This workshop lasted two days, and it involved recognized speakers in RRI and RRI practitioners in important themes for sustainability and responsibility in smart specialization such as circular economy, Industry 4.0, health, or AI, allocating a notable focus on some areas that appeared to be particularly important for the regions’ pilot actions. The last and third workshop will be held together with the final conference during 4th and 5th of July 2023, in Tampere (Finland), with the objective to recap and help to reflect and assess the different regions around main learnings and lessons of TetRRIS project. At the time that this report is written the WP5 team is working on the design of this last workshop.

4.1 First TetRRIS Policy Lab at EU Regions Week (13/10/2022)

This workshop brought together project partners, relevant stakeholders from the pilot regions, and interest parties working or interested in RRI and Smart Specialisation Strategies, in a forum to share and discuss ideas, experiences, challenges, and best practices from across Europe (See full agenda in Annex 3). It was designed in two parts



in which the first part was open to the general public and was also broadcasted via streaming and a private part oriented to the discussion and reflection of the partners.

The public part was opened and organized as a side event of the EU Week of Regions and Cities conference and provided some insights for the participants on the lab about the current smart specialization reorientation around the title: *"What can Responsible Research Innovation offer Smart Specialisation Strategies in their reorientation towards sustainability?"*. The aim was to contribute to reflect on how to systematically integrate RRI practices into territorial innovation systems and development approaches, and thereby embed value-driven transformation.

The objective was to trigger a transformative and opening effect on different regions, and effect systemic change in all of them. It offered experiences on how more open, transparent, and democratic territorial R&I actions that can help a territory's policy makers, science/technology actors, businesses, civil society organizations and lay citizens orchestrate value-driven transformation in their territory. It was designed as a participatory event where speakers and participants interacted with each other.

The first two sessions with the keynote speakers were devoted to set the ground on the current policy making for further discussion with the audience.

- **Katerina Ciampi Stancova** (Public Policy Analyst, OECD, Centre for Entrepreneurship, SMEs, Regions and Cities). Title: "Closing the circle: Smart Specialisation, local development and sustainability"
- **Hannah Schmidberger** (Policy officer at European Commission's Joint Research Centre (JRC). Title: "PRI: Promoting innovation-driven territorial transformation for long-term societal wellbeing"

The roundtable with representatives from the Advisory Board and regional stakeholders from TetRRIS Project was designed in a balanced manner that engaged regional representatives but also attendants into the debate.

- **Richard Tuffs** (Friends of S3, TETRRIS Advisory member)
- **Raluca Cibu-Buzac** (Founder and CEO at Luminspino, TETRRIS Advisory member)
- **Antti Lippo** (Development manager, Tampere City Region)
- **Jorge Muyo** (General Director for Innovation, Technological Development and Industrial Entrepreneurship in the Government of Cantabria)

The private part was opened only for the partners and regional stakeholders and mostly oriented to take stock of the different experiments and initiatives developed under the TetRRIS project. The aim of this part was to take stock of regional experiments of introducing RRI into the four different territories and creating a common ground for all the actors involved for facilitating information sharing and knowledge exchange between regions and partners. Participatory mechanisms and dynamics for facilitating information sharing and knowledge exchange were used in this session together with ice breaking exercises. It consisted in three different dynamics, all of them facilitated by experts from TECNALIA:

1. Open interviewing with regions: The aim was to dig into regions' experimentations in a friendly way. Four collective interviews were delivered in 60 minutes (15 mins each) +15'. barriers, drivers, and challenges around the

implementation of RRI into smart specialization. The interviewees were the representatives of the regions

2. Round 1 of Exercises: Barriers, challenges and drivers. Sharing insights, lessons and learnings between regions
3. Round 2 of Exercises: Mapping common issues between regions. To identify common issues regarding barriers, challenges and drivers.

4.2 Second TetRRIS Policy Lab – TetRRIS Winter School in Santander (9-10/2/2023)

The main objective of this second session of the TetRRIS Policy Lab and Winter School was to explore current visions and understandings of RRI in territorial innovation ecosystems whilst paying attention to different barriers and drivers that exist in the territories at stake. The aim was also to give food for thought to the different regions and inspiring them into their current activities and initiatives around RRI and promoting further interactions between them and knowledge exchange (see full agenda and script in Annex 4). To accomplish these objectives the second session of the TetRRIS Policy Lab was designed to congregate a significant number of RRI experts and practitioners across Europe to inspire TetRRIS pilot regions. It was organized as a two full day event in Santander. Following the dynamics used in the first lab, the event was also divided into two parts, public part that was also broadcast via streaming and private sessions:

The public part was designed to facilitate cross-fertilization of ideas between speakers, panellists, and regions at stake, whilst enabling spaces for discussion, debate and knowledge exchange. With the help of the experts, the aim was to explore current visions and understandings of RRI into different regional innovation systems and to identify potentialities and possibilities of RRI for S3 reorientation. It tried to address questions as: how RRI can explicitly contribute to this reorientation of S3 strategies towards sustainability? And What can RRI offer to this transformation of current regional strategies oriented to economic growth?

Day 1: Ethics, Sustainability, and welfare

The first two sessions with the keynote speakers were devoted to set the ground around the topic:

- **Keynote 1:** “Responsible transitions to sustainability: challenges, opportunities and the role of regions” Edurne A. Íñigo (Universidad de Deusto) Associate Professor at Deusto Business School
- **Keynote 2:** “The role of Responsible Innovation in a Just transition to Circular Economy”. Mario Pansera (Universidad de Vigo) (online). Director and ERC Grantee UVIGO Post-Growth Innovation Lab

Discussion with the help of experts from RRI projects wanted to deepen around how RRI can help in the smart specialization reorientation towards sustainability.

- **Marcos Lopez Hoyos** (Scientific Director IDIVAL Health Research Institute - Cohorte Project) “*Cohorte Cantabria*”

- **Nicté García** (Universitat Jaume I - [Ethna System Project](#)) *“Ethical Governance for R&I processes in practice: preliminary results, drivers, barriers and beyond”*
- **Laure Raso** (Centro Europeo de Empresas e Innovación de Murcia - [Cherries Project](#))- **(online)** *“Co-creation and demand-driven innovation in healthcare: the experience of the CHERRIES project in Responsible Research and Innovation.*

Day 2: Engagements, Transformations and Transitions

Following the same logic of intervention from the previous day the second day started with a keynote speech:

- **Keynote 1:** “Smart Specialisation in transition for place-based transformative innovation” Raluca Cibu-Buzac (Founder and CEO at Luminspino) Innovation expert and TetRRIs Advisory Board Member

The Practitioners Panel about “Engagements, Transformations and Transitions” debate counted with the intervention of the following experts:

- **Petar Vrgovic** (University of Novi-Sad - [COCHANGE Project](#)) - “RRizing in the Balkans: Faculty of Agriculture as an experimental lab for implementing RRI in the academia”
- **Rosa Arias** (Science for Change - [Transform Project](#))
“Introducing citizen science and RRI in the RIS3CAT: Impacts of the TRANSFORM Project in Catalonia”
- **Rachel Claire Tully** (Agencia Extremeña de la Energía - [Ripeet Project](#)) **(online)**
“RRI policy experimentations for energy transition in Extremadura”

The private part was opened only for the partners and regional stakeholders that worked together in two afternoons together with the invited experts. The private part was planned to act as a knowledge mobilization component, focusing on how these novel ideas can support current plans and actions at the different pilot regions. Different mechanisms and dynamics for facilitating information sharing and knowledge exchange were also employed for consolidating learning and insights achieved in the event.

It consisted in different dynamics, all of them facilitated by experts from TECNALIA:

1. **The wall of inspiration.** The “Wall of Inspiration” gathered the different barriers, drivers, and challenges of RRI implementation in each of the regions (collected in the survey, see chapter 3: content baseline and synergies identified)
Participants were encouraged to pin post its whenever they want to help address particular challenges of these four territories.
2. **Updating each other.** The aim here was to dig into regional experimentations and providing a continuation to the dynamics started in the first session of the policy lab in Brussels. In this exercise participants had 15 minutes (x4) for answering some questions and highlighting main aspects of the narrative of the regions. The rest of participants stay (standing) around the mural and could make questions at any time.

3. **Sustainability and a way forward.** Organised as a World Café, at this slot the aim is to explore the sustainability of these actions and how they can be supported by the TetRRIS Policy Lab.

4.3 Third TetRRIS Policy Lab at TetRRIS Final Conference (5/7/2023)

At the time that this deliverable is being written, TECNALIA team is currently organizing the last workshop of the TetRRIS Policy Lab. This last session is planned to be merged with the final conference of the project, which will take place on 4 and 5 July in Tampere-Finland, for two main reasons: maximizing project resources whilst avoiding unnecessary travels and to collectively taking stock of the lessons learned during the project. The main objective of this last Policy Lab is precisely *“Validating key lessons and promoting further discussion, interaction, and synergies and reflecting about lessons learned and help to sketch ways for RRI institutionalization in a multi-stakeholder workshop”*.

The aim of the Final Conference is to continue the journey of in-depth study into the topics of RRI and Smart Specialisation, with a focus on the integration of the concept of sustainability, innovation policy and policymaking, as well as to think about the future path to follow to foster RRI in Europe during the third and last Policy Lab and will serve participants to learn about the results obtained during the three years of the project in the application of these concepts in the real field, and to set the path to follow in the upcoming years.

On the first day of the conference, the morning session will start with a welcome note from the project coordinators as well as an overview of the main results and learnings of the project, with interventions from the European Commission Project Officers and members of the project Advisory Board. After a coffee, we will then host several panel discussions on Twin Transition, Responsible and Sustainable Mobility, and Sustainability of Industry.


The second day will be dedicated to the last session of the project’s Policy Lab, interspersed by another panel session on Mission-driven Innovation Policy in Europe. To this aim this last session will be designed to help reflect regions and project participants around the main project learnings. For this purpose, different participatory mechanisms and dynamics will be developed for facilitating information sharing and knowledge exchange between participants.

The tentative agenda will consist in different dynamics, all of them facilitated by experts from TECNALIA. The session will be spitted into three main parts:

1. **Part 1: Tweet your policy recommendation:** This exercise is designed to provide a set of policy recommendations by participants of the tetRRIS Policy Lab. The format for the 3 policy recommendations will be a tweet of 140 characters to force participants to be specific and clear answering to questions, such as:
 - What challenge is trying to address?
 - Why it is important?

- What shape would take? What kind of policy instrument will become? (Informal recommendation, strategy plan, funding programme, normative, standard, royal decree, law, etc.)
2. **Part 2: If I were you... (tools & practices for sharing)** oriented to speculate about future regional scenarios. The result will be a list of practices and tools identified as critical for RRI implementation in the regional landscape.
 3. **Part 3: Food for thought: a collective debate about Mission Oriented Policies.** The session will start with a keynote speech about the mission-driven innovation policy (MOIP) in Europe and its regional orientation and will conclude with a collective dialogue about the implications of MOIP. To this aim a set of questions will be employed for stimulating a debate around. The Policy Lab will end up with a recap of the session and providing some time to reflect about the whole tetRRIS Policy Lab.

- Braun, R., Loeber, A., Vinther Christensen, M., Cohen, J., Frankus, E., Griessler, E., Hönigsmayer, H., & Starkbaum, J. (2022). Social labs as temporary intermediary learning organizations to help implement complex normative policies. The case of Responsible Research and Innovation in European science governance. *The Learning Organization*. <https://doi.org/10.1108/tlo-09-2021-0118>
- Dewey, J. (2009). *Democracia y escuela*. Popular.
- Freire, P. (1974). *Pedagogy of the Oppressed*. In *Pedagogy of the Oppressed*. Seabury Press.
- Griessler, E., Hönigsmayer, H., Braun, R., & Frankus, E. (2021). *D7.3 New HoRRlzon Social Lab Manual – Final Version*. *New HoRRlzon Horizon 2020 project*.
- Hassan, Z. (2014). *The social labs revolution: a new approach to solving our most complex challenges*. Berret-Koehler Publishers.
- Kolb, D. A. (1984). *Experiential learning: Experience as the source of learning and development*. Prentice-Hall.
- Marschalek, ilse, Blok, V., Bernstein, M., Braun, R., Cohen, J., Hofer, M., Seebacher, L. M., Unterfrauner, E., Daimler, S., Nieminen, M., Vinther Christensen, M., & Kumar Thapa, R. (2022). The social lab as a method for experimental engagement in participatory research. *Journal of Responsible Innovation*, 1–24. <https://doi.org/10.1080/23299460.2022.2119003>
- Mendibil, J., Tabarés, R., Arroyo, A., & Jimenez, I. (2021). *D2.1 SockETs - Concept and guidelines for co-designing case studies and testing tools for industry*.
- Papert, S., & Harel, I. (1991). *Situating Constructionism*. MIT Press. <https://doi.org/10.1111/1467-9752.00269>
- Popa, E., Blok, V., & Wesselink, R. (2018). *D1.2 Social Lab Methodology Manual*. *RiConfigure Horizon 2020 project*. http://riconfigure.eu/wp-content/uploads/2019/10/D01.2_Social-Lab-Methodology-Manual_v2.0.pdf
- Reason, P., & Bradbury, H. (Eds.). (2001). *Handbook of action research: Participative inquiry and practice*. SAGE.
- Romero-Frías, E., & Robinson-García, N. (2017). Laboratorios sociales en Universidades: Innovación e impacto en Medialab UGR. *Comunicar*, 51(XXV), 29–38. <https://doi.org/https://doi.org/10.3916/C51-2017-03> |
- Tabarés Gutiérrez, R., & Bierwirth, A. (2019). Los laboratorios sociales como espacio seguro para difundir la dimensión anticipatoria de RRI. In H. Rodríguez, S. Urueña, A. Eizagirre, & O. Imaz (Eds.), *Anticipación e innovación responsable: la construcción de futuros alternativos para la ciencia y la tecnología* (pp. 287–316). Biblioteca Nueva.



Tabarés, R., Arrizabalaga, E., Nieminen, M., Rilla, N., Lehtinen, S., & Tomminen, J. (2020). D1.1 Stocktaking Report. Co-Change Horizon 2020 project. <https://storage.googleapis.com/co-change/d1-1-stocktaking-report.pdf>

Tabarés, R., & Boni, A. (2022). Maker culture and its potential for STEM education. *International Journal of Technology and Design Education*. <https://doi.org/10.1007/s10798-021-09725-y>

Takeuchi, M., Sinha, R., Kieboom, M., Moerbeek, K., Hansen, L., Marlin, M., Lochard, A., Harvey, J., & Jezierski, E. (2014). *Labcraft: How Social Labs cultivate change through innovation and collaboration* (H. Tiesinga & R. Berkhout, Eds.). Labcraft Publishing.

Timmermans, J., Blok, V., Braun, R., Wesselink, R., & Nielsen, R. Ø. (2020). Social labs as an inclusive methodology to implement and study social change: the case of responsible research and innovation. *Journal of Responsible Innovation*, 0(0), 1–17. <https://doi.org/10.1080/23299460.2020.1787751>

Wenger, E. (1998). *Communities of practice: Learning, meaning, and identity*. Cambridge University Press.



6-Annex 1: Thematic Box for Policy Lab (Survey)

(To be agreed among regional authority/ partners according to their needs and expectations)

In this document we build up a list of topics which can be the central content for the project exchange activities and Policy Lab design.

Some questions/areas included in this short survey could help us to clarify what are the regional experiences and practices carried out around the elements of Territorial Responsible Research and Innovation and Smart Specialisation (How do you do it? What has worked well? What are the challenges? What are the areas of improvement?), but and also the expectations and interest from the regions in order to design the Policy Lab workshops.

Several activities developed in the project have already started building social capital between regions at stake, paying attention to synergies/complementarities but also to specific interests that can be highlighted from the very beginning for WP5 exchange activities. Project meetings also have led to establish the baseline between the different pilot for sharing information and creating a community of practice that can mutually benefit from their actions, plans and learnings. The survey has been built around these shared areas of concern / fields of interest identified.

The first step is to get contributions to this “wish list” and agree on the content according to the participating regions ‘interest and experience. With this information we will be able to identify gaps and common issues for which can we jointly develop new solutions during the Policy Labs, workshops and other learning activities.

Please, answer to this short questionnaire and rank from 1 to 5 the following topics based by one hand in the INTEREST in the topic and the EXPERIENCE dealing with these issues in the region.

Topic description	Interest	Experience
-------------------	----------	------------

1. HOW DO YOU . . .

Design and development of the Entrepreneurial Discovery Process in your region. Strategy execution/implementation	1=low to 5=high	1=low to 5=high
--	--------------------	--------------------

<i>Integration of RRI the process</i> How is the reflection of relevant RRI for smart specialization strategies done?		
<i>Monitoring</i> How do you measure policy success on indicators for promoting and monitoring Responsible Research and Innovation? How does evaluation feed into strategy? How is collaboration captured?		
<i>Public Engagement</i> Does the strategy involve stakeholders and citizens in a collaborative creation or is it <i>top down</i> ? Mechanisms		



Policy Mix

Link "social" policy with smart specialisation strategy (RIS3) and other relevant policies?

Marketing:

How can we indicate that we are socially responsible at regional level?

Any other relevant issue you want to add in this section?

Implementation of the policy through specific support instruments

1=low to 5=high 1=low to 5=high

Designing innovation ecosystems with social impact		
UN Agenda 2030 and the Sustainable Development Goals (SDGs)		
Sustainability policies		
Developing cross-border regional identity and cross-border cooperation		
Brain drain/Brain gain policies		
Mission-Oriented Innovation policies		
Open innovation policies		
Innovation Networks		
Open innovation platforms (OIPs)		
Policies to support transformative changes in value chains		
Living Labs/ Others, for transformative changes		
Transversal skills for transformative changes, i.e FabLabs		
Any other relevant issue you want to add to this section?		

2. WHAT ARE YOUR RIS3 (SMART SPECIALISATION) PRIORITY DOMAINS . . .

Please, list them

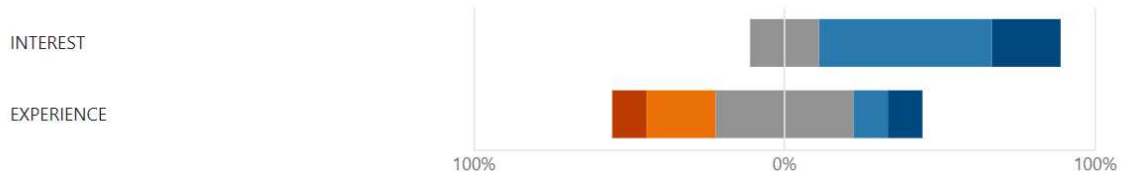
7-Annex 2: Survey Results

1. Integration of RRI the process

How is the reflection of relevant RRI for smart specialization strategies done?

[Más detalles](#)

1 2 3 4 5

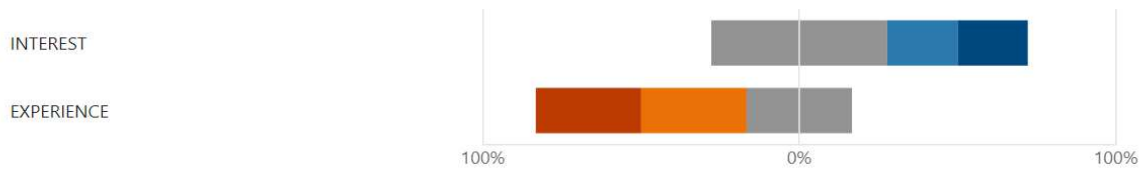


2. Monitoring

How do you measure policy success on indicators for promoting and monitoring Responsible Research and Innovation? How does evaluation feed into strategy? How is collaboration captured?

[Más detalles](#)

1 2 3 4 5

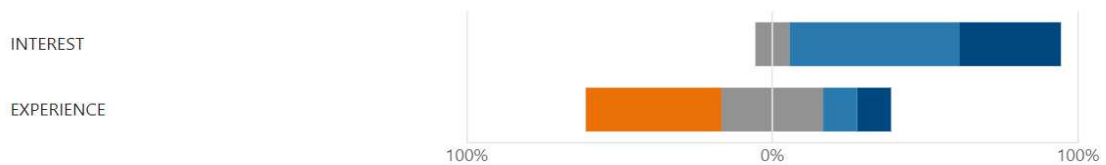


3. Public Engagement

Does the strategy involve stakeholders and citizens in a collaborative creation or is it top down? Mechanisms

[Más detalles](#)

1 2 3 4 5



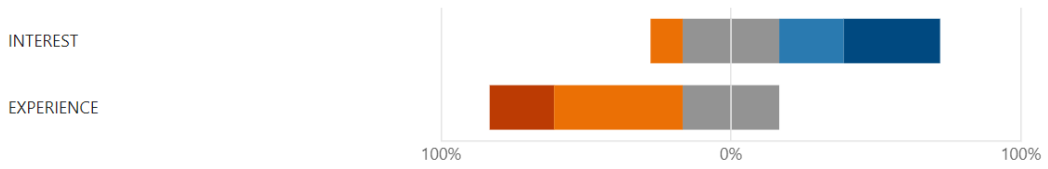


4. **Policy Mix**

Link "social" policy with smart specialisation strategy (RIS3) and other relevant policies?

[Más detalles](#)

■ 1 ■ 2 ■ 3 ■ 4 ■ 5

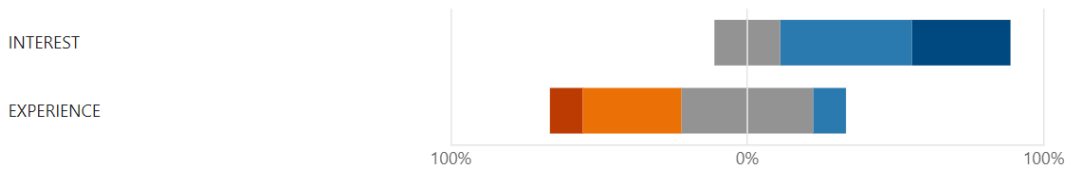


5. **Marketing:**

How can we indicate that we are socially responsible at regional level?

[Más detalles](#)

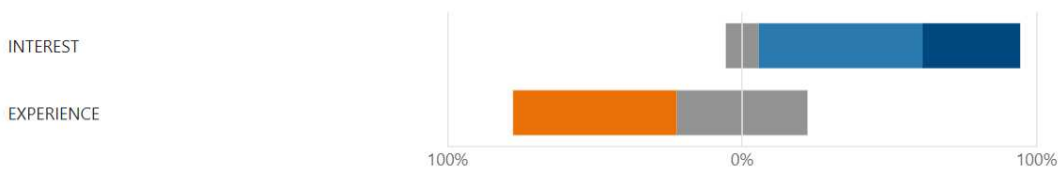
■ 1 ■ 2 ■ 3 ■ 4 ■ 5



7. Designing innovation ecosystems with social impact

[Más detalles](#)

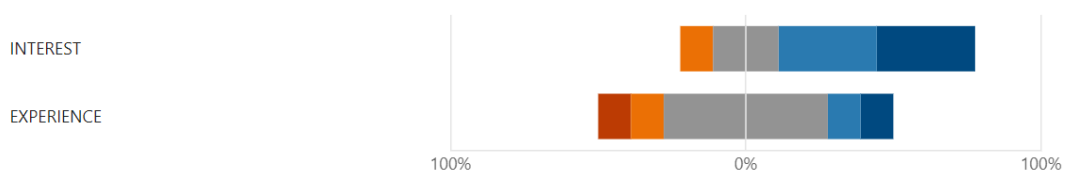
■ 1 ■ 2 ■ 3 ■ 4 ■ 5

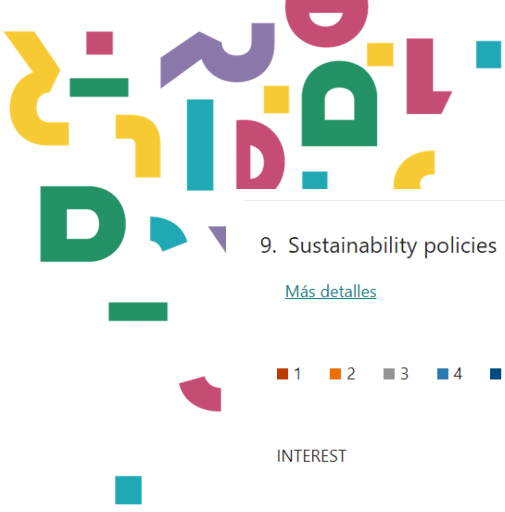


8. UN Agenda 2030 and the Sustainable Development Goals (SDGs)

[Más detalles](#)

■ 1 ■ 2 ■ 3 ■ 4 ■ 5

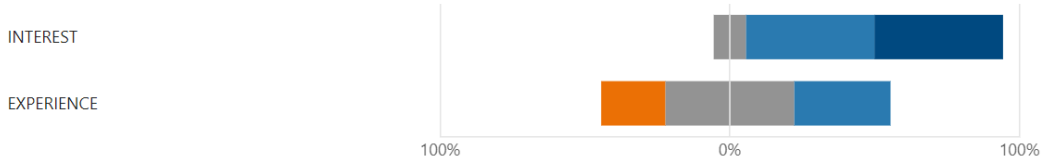




9. Sustainability policies

[Más detalles](#)

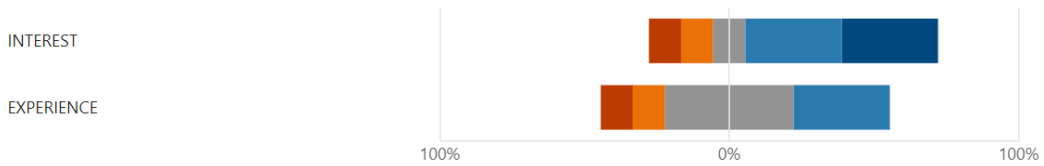
1 2 3 4 5



10. Developing cross-border regional identity and cross-border cooperation

[Más detalles](#)

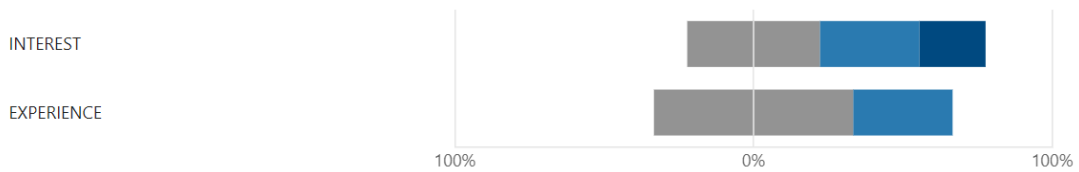
1 2 3 4 5



11. Brain drain/Brain gain policies

[Más detalles](#)

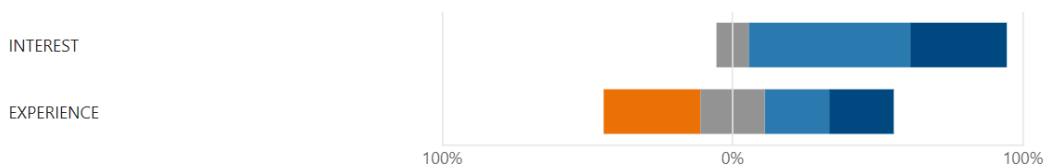
1 2 3 4 5



12. Mission-Oriented Innovation policies

[Más detalles](#)

1 2 3 4 5



13. Quality of life policies



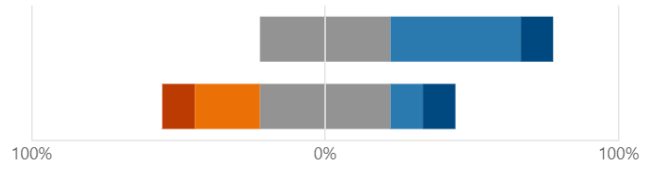
13. Open innovation policies

[Más detalles](#)

1 2 3 4 5

INTEREST

EXPERIENCE



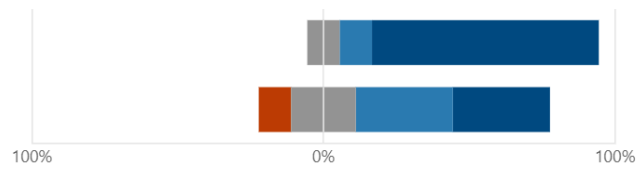
14. Innovation Networks

[Más detalles](#)

1 2 3 4 5

INTEREST

EXPERIENCE



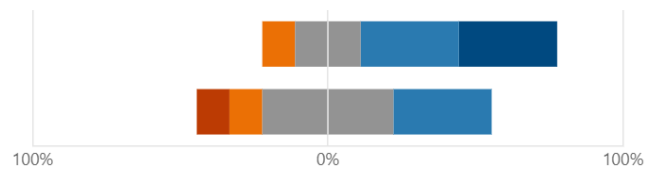
15. Open innovation platforms (OIPs)

[Más detalles](#)

1 2 3 4 5

INTEREST

EXPERIENCE



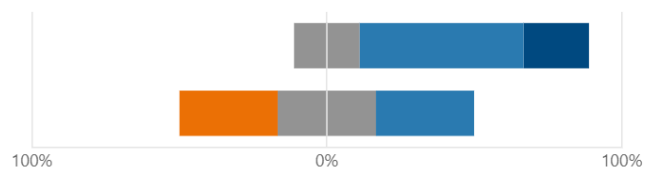
16. Policies to support transformative changes in value chains

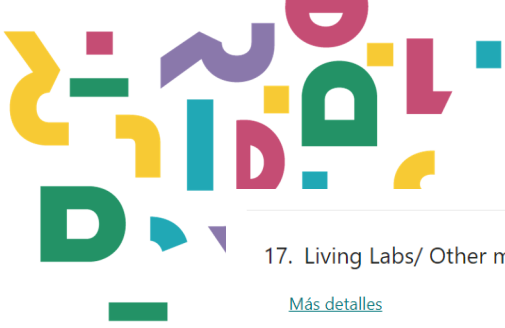
[Más detalles](#)

1 2 3 4 5

INTEREST

EXPERIENCE

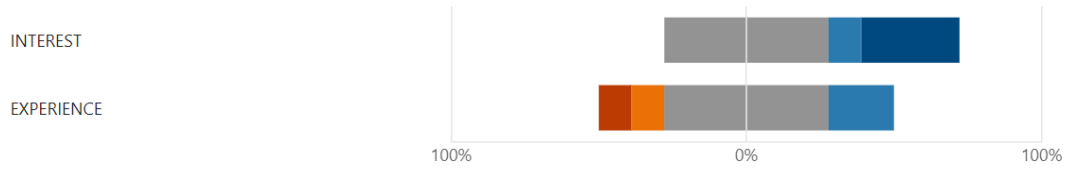




17. Living Labs/ Other mechanisms, for transformative changes

[Más detalles](#)

■ 1 ■ 2 ■ 3 ■ 4 ■ 5



18. Transversal skills for transformative changes, i.e FabLabs

[Más detalles](#)

■ 1 ■ 2 ■ 3 ■ 4 ■ 5

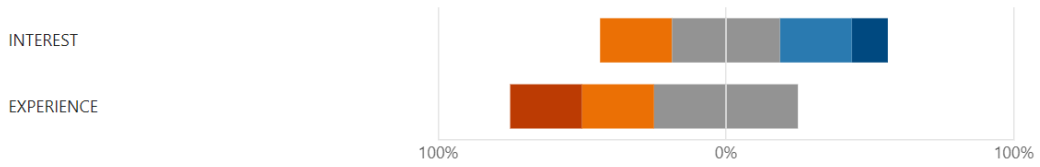


Figure 4 Survey results

8-Annex 3: Regional Challenges, Drivers, and Barriers (Survey)

TetRRIs Drivers, Barriers & Challenges

* Obligatorio

1. Please, select the main barriers that you observe when introducing RRI into S3 in your territory: *

- 1. Lack of knowledge of RRI concept
- 2. "Classical", "Technical" concept of innovation (not social)
- 3. Innovation is not a horizontal approach in territorial policy
- 4. Funding barriers (regional, cross border budgets and lack of legislation)
- 5. Plurality of EU level mechanisms

2. Please, select the main **drivers** that can help to facilitate the adoption of RRI into S3 in your territory *

- 1. Funding
- 2. Current global situation (energy, war, climate change, etc.)
- 3. Political involvement and Conscious Politicians+ Social capital
- 4. Social infrastructures (urban labs, citizen platforms...)
- 5. Communication and transmission of RRI values to general public

3. What **challenges** emerge in your territory when reorienting RIS3 strategies towards sustainability and responsibility? *

- 1. "Green and white washing": Reaching the responsibility & sustainability goals so as to present an environmentally responsible public image.
- 2. Cognitive and structural path dependency. Change the old ways of doing things in regional organisation.
- 3. Engagement. Engage stakeholders in softer policies that can not be measured
- 4. Attractive and understandable policies. Try to be translators of the meaning and usefulness behind the RRI concept
- 5. Individual vs. social values: eliminate behaviours that we personally love but are not ethical



9-Annex 4: Agenda of First TetRRIS Policy Lab

DAY1: 13th October 2022

WS1 Policy Lab – 13th of October of 2022, EURADA premises, Brussels

[Rue Montoyer 24, 1000 Brussels](#)

The main objective of this first session of the TetRRIS Policy Lab is to take stock of regional experiments of introducing RRI into the four different territories and creating a common ground for all the actors involved for facilitating information sharing and knowledge exchange between regions and partners. To accomplish this objective this first session will combine a public part with another private one.

- **The public part** will be opened to the general public as ***SIDE EVENT of the European Week of Regions and Cities*** conference and will provide some insights for the participants on the lab about the current smart specialization reorientation.
- **The private part** is for the partners and regional stakeholders and mostly oriented to take stock of the different experiments and initiatives developed under the TetRRIS project and how the different regions taking part in the project can benefit from them.



New Challenges for Europe's Cohesion

What can Responsible Research and Innovation offer Smart Specialisation Strategies in their reorientation towards sustainability?

Thursday October 13th | 9:00 – 10:30am

Brussels and online

#EURegionsWeek



Public event: 13th October (9:00-10:30)

“What can Responsible Research Innovation offer Smart Specialisation Strategies in their reorientation towards sustainability?”.

Online and presential format

The registration of the public policy lab, to be held from 9:00-10:30am on October 13th is now live. Registration for the event is available [here](#).

ZOOM LINK: <https://us06web.zoom.us/j/87801570670>

8:45	15'	Registration
9:00	5'	Welcome and introduction Raúl Tabarés & Ezekiel Arrizabalaga (TECNALIA)
9:05	20'	Keynote 1 Katerina Ciampi Stancova (Public Policy Analyst, OECD, Centre for Entrepreneurship, SMEs, Regions and Cities) “Closing the circle: Smart Specialisation, local development and sustainability”
9:25	5'	Q&A
9:30	20'	Keynote 2 Hannah Schmidberger (Policy officer at European Commission's Joint Research Centre (JRC) “PRI: Promoting innovation-driven territorial transformation for long-term societal wellbeing”
9:50	5'	Q&A
9:55	35'	Round table with representatives from the Advisory Board and regional stakeholders from TetRRIS Project Moderator: Mika Nieminen Participants: <ul style="list-style-type: none"> • Richard Tuffs (Consultant, TETRRIS Advisory member) • Raluca Cibu-Buzac (Founder and CEO at Luminspino, TETRRIS Advisory member) • Antti Lippo (Development manager, Tampere City Region) • Jorge Muyo (General Director for Innovation, Technological Development and Industrial Entrepreneurship in the Government of Cantabria)
10:30	5'	Q&A
10:35	25'	Coffee Break & Networking

SPEAKERS

Hannah Schmidberger

Works as Policy officer at European Commission's Joint Research Centre (JRC) | Social psychologist with a background in European Public Administration (BSc). Driven to improve policymaking in the field of sustainability.

Works in the implementation of the "Partnerships for Regional Innovation" pilot action.

Kateřina Ciampi Stančová

Works as a Public Policy Analyst at the OECD Local Employment and Economic Development Centre in Trento. She is experienced in providing scientific research and policy advice on public policies for local development, innovation policies and transformative research, smart specialisation, less developed eco-systems with weaker institutional capacities as well as human and social capital. Before joining the OECD, she worked for the European Commission - Joint Research Center and EIT Digital. She was also visiting scholar at Georgetown University in Washington DC and Stockholm University. She received PhD in Human and Social Capital in Territorial Development Policies from Sant'Anna School of Advanced Studies in Pisa.

Richard Tuffs

He is a strategic thinker and expert on EU affairs, particularly in the area of research and innovation policy, regional policy, smart specialisation, and regional economic development. He has served on many advisory boards for European projects (TETRRIS) Richard is a developer and has been involved in creating and leading European regional networks and platforms and contributing to enhancing the regional dimension of EU policies and programmes related to R&D and innovation and growth. Richard 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.

Richard has evaluated both Horizon 2020 and Climate KIC projects.

Raluca Cibu Buzac

Founder and CEO of LUMINSPINO, proudly bringing about a unique consulting offering aimed to stir the evolution of companies and organisations. Previously, for over 20 years, she was Director for Internationalisation and SMEs Support Services at the West Regional Development Agency, Romania Between 2015-2021, she was the Coordinator of the Enterprise Europe Network Consortium for West and Southwest regions, and a member of the Steering and Advisory Bureau of the EEN at global network level supporting ambitious SMEs to innovate, internationalise and scale. She is part of the Advisory Board in TETRRIS.



Jorge Muyo

Regional Managing Director Innovation, Technological Development and Industrial Entrepreneurship at the Cantabrian Government (Spain). He has been a member of the Executive Committee of the European Community Project Manager Association (ECPMA) and director of European projects, head of innovation and industry in CEOE-CEPYME, where he has advised the Cantabrian business world on various matters, including activities and programmes of Research, Technological Development and Innovation as well as industrial property rights and technology transfer agreements. He has been a project evaluator for the European Commission in matters related to innovation. He has an extensive background in innovation policy, patents and industrial property.

Antti Lippo

Development manager, Tampere City Region), expert in foresight, strategy & innovation for human-centered sustainable cities

Private session 1 (TETRRIS Consortium)- Stocktaking (11:00-12:30)

Online and presential format

(Only for TETRRIS region partners, stakeholders, and AB)

ZOOM LINK: <https://us06web.zoom.us/j/84188029186>

11:00	10'	Introduction and overview
11:11	75'	<p>Open interviewing with regions</p> <p>The aim is to dig into regions' experimentations in a friendly way. Four collective interviews will be delivered in 60 minutes (15 mins each) +15'. barriers, drivers, and challenges around the implementation of RRI into smart specialization. The interviewees will be the representatives of the regions, questions will be facilitated to regions before the event for facilitating their inputs.</p>
12:30	60'	Lunch

Private session 2 - Participatory activities (13:30-16:30)

Participatory mechanisms and dynamics for facilitating information sharing and knowledge exchange will be used in this session.

Presential format

13:30	10'	Ice-breaking session: How do I feel responsibility after the experimentation?
13:40	50'	Round 1 of Exercises Barriers, challenges, and drivers. Sharing insights, lessons, and learnings between regions
14:30	50'	Round 2 of Exercises Mapping common issues between regions. To identify common issues regarding barriers, challenges, and drivers.
15:20	15'	Coffee Break
15:40	50'	Learnings of the day, Outlook of expectations, next steps and closing

Social Dinner (19:30) at Clan des Belges

<https://goo.gl/maps/bFGNhv4H8yHLAmUMA>

10- Annex 5: Agenda of TetRRIS Winter School

9-10 February 2023: Palacio de la Magdalena, Santander, Cantabria
(Spain) <https://palaciomagdalena.com/>

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”⁵. 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.

Registration link: <https://site.evenium.net/tetrris2ndpolicylab/registration>

⁵ 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 9th February:

Public Session: Ethics, Sustainability, and welfare

8:45	15'	Registration
9:00	15'	Institutional welcome Jorge Muyo (Cantabria Government) General Director of Innovation of Cantabria Government
9:15	15'	Introduction and Inspiration Raúl Tabarés (TECNALIA) Senior Researcher at TECNALIA
9:30	35'	Keynote 1: “Responsible transitions to sustainability: challenges, opportunities and the role of regions” Eduarne A. Íñigo (Universidad de Deusto) Associate Professor at Deusto Business School
10:05	10'	Q&A
10:15	35'	Keynote 2: “The role of Responsible Innovation in a Just transition to Circular Economy” Mario Pansera (Universidad de Vigo) (online) Director and ERC Grantee UVIGO Post-Growth Innovation Lab
10:50	10'	Q&A
11:00	15'	Break
11:15	90'	Practitioners Panel: “Ethics, Sustainability and Welfare” 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. <ul style="list-style-type: none"> - Marcos Lopez Hoyos (Scientific Director IDIVAL Health Research Institute - Cohorte Project) “Cohorte Cantabria” - Nicté García (Universitat Jaume I - Ethna System Project) “Ethical Governance for R&I processes in practice: preliminary results, drivers, barriers and beyond” - Laure Raso (Centro Europeo de Empresas e Innovación de Murcia - Cherries Project)- (online) “Co-creation and demand-driven innovation in healthcare: the experience of the CHERRIES project in Responsible Research and Innovation” Moderator: Emad Yaghmaei (YAGHMA B.V and Delft University of Technology)
12:45	10'	Q&A
12:55		End of day 1

DAY1:9th February
Private session:

14:00	20'	Introduction and overview What did it inspire you this morning?
14:20	10'	The wall of inspiration This “Wall of Inspiration” gathers the different barriers, drivers and challenges of RRI implementation in each of the regions and how the regions have selected each of them. At the same time there is an “space for inspiration” for different participants of the lab that want to provide feedback. Participants are encouraged to pin post its whenever they want to help address particular challenges of these four territories.
14:30	70'	Updating each other The aim here is to dig into regional experimentations and providing a continuation to the dynamics started in the first session of the policy lab. Participants will have 15 minutes (x4) for answering to these questions. and will highlight main aspects of the narrative of the regions. The rest of participants will stay (standing) around the mural and can make questions at any time
16:00	60'	Sustainability and a way forward World Café The previous slot shown a particular direction, or a way forward employed by the different regions. At this slot we aim to explore the sustainability of these actions and how they can be supported by the TetRRIS Policy Lab. We wondered how after the end of the project these pilot actions will be sustained in the long term

DAY2 Public Session: Engagements, Transformations and Transitions

8:45	15'	Registration
9:00	10'	Welcome and introduction Ezeikiela Arrizabalaga (TECNALIA) Project Manager at TECNALIA
9:10	35'	Keynote 1: "Smart Specialisation in transition for place-based transformative innovation" Raluca Cibu-Buzac (Founder and CEO at Luminspino) Innovation expert and TetRRIs Advisory Board Member Richard Tuffs (Friends of Smart Specialisation) Smart Specialisation expert and TetRRIs Advisory Board Member
9:45	10'	Q&A
9:55	90'	Practitioners Panel: "Engagements, Transformations and Transitions" 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. <ul style="list-style-type: none"> - Petar Vrgovic (University of Novi-Sad - COCHANGE Project) - "RRizing in the Balkans: Faculty of Agriculture as an experimental lab for implementing RRI in the academia" - Rosa Arias (Science for Change - Transform Project) "Introducing citizen science and RRI in the RIS3CAT: Impacts of the TRANSFORM Project in Catalonia" - Rachel Claire Tully (Agencia Extremeña de la Energía - Ripeet Project) (online) "RRI policy experimentations for energy transition in Extremadura" Moderator: Antonia Bierwirth (TECNALIA)
11:25	10'	Q & A
11:35		End of the event

DAY2:10th February

Private session:

11:50	15'	<p>Responsibility brainstorming</p> <p>This exercise is oriented to warm-up participants and helping them to reconnect in participatory exercises.</p> <p>The “Responsibility brainstorming” exercise aims to find synonyms of responsibility for the whole Alphabet.</p> <p>In groups of 4-5 people, participants will have 10 minutes for filling the whole alphabet. There will be a quality check for the words employed by the facilitators.</p> <p>If a team ends this task before the 10 minutes period, they can ask for ending the exercise (First in first out).</p>
12:05	60'	<p>Sustainability and a way forward II</p> <p>This slot is a continuation of the previous one in the afternoon.</p>
14:00	25'	<p>The Wall of Inspiration</p> <p>To recap on the main post-its posted by participants.</p> <p>Participants can explain and sharing their ideas with the regions and the rest of participants.</p> <p>A mural will be available with the barriers, challenges and drivers commonly identified by pilot regions in the first WS and further described in the virtual session of the Policy Lab.</p> <p>Participants are encouraged to pin post its whenever they want to help address particular challenges of these four territories.</p>
14:25	25'	<p>What have we learned during the Winter School?</p> <p>The last session of the TetRRIS Winter School will be oriented to confirm and settled down the main outcomes and learnings produced during the day. To this aim a set of guiding questions will help to participants to reflect on the main issues discussed during this day.</p>

SPEAKERS

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.

Eduarne A. Iñigo

Eduarne 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. Eduarne 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, SEAC, 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 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.

Emad Yaghmaei

“Emad Yaghmaei is Managing Director of YAGHMA B.V. and a Senior Researcher at the Faculty of Technology, Policy and Management at Delft University of Technology. His



research interests cover innovation management issues arising from the intersections of science, technology, and society. The emphasis of his research and his consulting works are on innovation and technology management of emerging technologies such as Artificial Intelligence (AI) to identify and work on the social impacts of those technologies. He has been working on monitoring companies' business innovation across their non-financial issues and creating real value for their business, customers, and business partners. He is currently focusing on UN Sustainable Development Goals (SDGs) and EU Responsible Research and Innovation (RRI) principles in an industrial context to demonstrate how industry can work productively together with societal actors and integrate methodologies of RRI and business disclosures of SDGs into research and innovation.

11- Annex 6: Agenda of TetRRIS 3rd Lab and Final Conference (tentative)



TetRRIS Final Event

Event Information

Date and Time	Tuesday 4th of July 2023	09.00 – 16.00
	Wednesday 5th of July 2023	09.00 – 18.00
Location	G Livelab Tampere 1 Puutarhakatu 33210 Tampere, Finland	
Link		



Event Rationale

Responsible Research and Innovation (RRI) is an approach that aims to align research and innovation activities with societal values, needs, and expectations. It emphasizes the importance of engaging stakeholders throughout the research process and considering ethical, social, and environmental implications of the research outcomes. As we move towards a more sustainable future, there is a growing recognition that research and innovation must play a critical role in achieving sustainability goals. This requires a shift from the traditional S3 (Smart Specialization Strategy) approach, which focuses on economic growth and competitiveness, to a more holistic S4 (Sustainability) approach that considers environmental and social sustainability as key components of innovation policy. This transition involves rethinking the innovation process to ensure that it addresses sustainability challenges and creates solutions that contribute to a more sustainable future.

Throughout the TetRRIS project, all partners and stakeholders have contributed to a better implementation of the application of these concepts in the four regions that make up our project: Szeged-Timisoara, Karlsruhe, Cantabria and Tampere. Thus, this last conference (Tampere, FI, 4-5 July 2023) will serve participants to learn about the results obtained during the three years of the project in the application of these concepts in the real field, and to set the path to follow in the upcoming years.

This hybrid event, which offers both online and in-person attendance, will host keynote speakers and practitioners who will showcase their visions and understanding of RRI in different regional innovation systems. We will also analyse the possibilities of RRI for transforming the Smart Specialisation Strategies (S3) into more sustainable and inclusive policies.



Agenda

Day 1: July 4, 2023

Hour	Subject
08.40 – 09.00	Participant Registration
09.00 – 10.30	<p>Welcome and Introduction to the TetRRIS Project Results</p> <ul style="list-style-type: none"> • <i>Mika Nieminen, VTT, TetRRIS Project Coordinator</i> • <i>EC TetRRIS Project Officer TBC</i> • <i>Richard Tuffs, Member of the Advisory Board of TetRRIS</i> • <i>Raluca Cibu-Buzac, Founder and CEO of Luminspino</i>
10.30 – 11.00	COFFEE BREAK
11.00 – 12.00	<p>Panel 1: Twin Transition</p> <ul style="list-style-type: none"> • <i>Moderator: Nina Rilla, VTT TBC</i> • <i>Petri Räsänen, Pirkanmaan liitto</i> • <i>Emad Yaghmai, Yaghma</i> • <i>Speaker from Cantabria Region TBD</i> • <i>Speaker from Szeged Region TBD</i>
12.00 – 13.00	LUNCH BREAK
13.00 – 14.00	<p>Panel 2: Responsible and Sustainable Mobility</p> <ul style="list-style-type: none"> • <i>Moderator: Nicholas Martin, Fraunhofer Institute</i> • <i>Jaakko Stenhäll, City of Tampere TBC</i> • <i>Speaker from Karlsruhe Region TBD</i> • <i>Speaker from City of Tampere TBD</i>
14.00 – 14.15	COFFEE BREAK
14.15 – 15.00	<ul style="list-style-type: none"> • <i>Regional Stakeholder Pitching Session</i> • <i>Speaker from Szeged-Timisoara TBD</i> • <i>Speaker from Harlsruhe TBD</i> • <i>Speaker from Cantabria TBD</i> • <i>Speaker from Tampere TBD</i>



15.00 – 16.00

Panel 3: Sustainability of Industry

- Moderator: Mika Nieminen, VTT, TetRRIS Project Coordinator
- Harri Nieminen, Sustainable Industry X Ecosystem
- Jorge Muyo, Cantabria Region
- Speaker from VTT TBD

18.00 – 22.00

Consortium Activities and Dinner

Day 2: July 5, 2023

Hour	Subject
09.00 – 10.30	<p>Policy Lab: Institutionalization of Responsibility and Sustainability</p> <p>Part 1: Tweet your policy recommendation</p> <p><i>Collective exercise to provide a set of policy recommendations by participants of the tetRRIS Policy Lab.</i></p> <ul style="list-style-type: none"> • Moderator: Xabier Uriarte Olaeta, TECNALIA
10.20 – 10.40	COFFEE BREAK
10.40 – 12.30	<p>Policy Lab: Institutionalization of Responsibility and Sustainability</p> <p>Part 2: If I were you... (tools & practices for sharing)</p> <p><i>Collective exercise oriented to speculate about future regional scenarios. The result will be a list of practices and tools identified as critical for RRI implementation in the regional landscape.</i></p> <ul style="list-style-type: none"> • Moderator: Xabier Uriarte Olaeta, TECNALIA
12.30 – 13.30	LUNCH BREAK
13.30 – 14.15	<p>Panel 4: Mission Driven Innovation Policy in Europe</p> <ul style="list-style-type: none"> • Ralf??



14.15 – 15.15

Policy Lab: Consolidating the Sustainable and Responsible Policies

Part 3: A collective debate about Mission Oriented Policies.

Moderator: Raúl Tabarés, TECNALIA

15.15 – 15.30

Closing Remarks

- *Mika Nieminen, VTT, TetRRIS Project Coordinator*

16.00 – 18.00

Site Visits in Tampere

- Hiedanranta, a city construction example
- Open Innovation Platforms, Demola

18.00 – 19.00

Walking tour in Tampella Area (voluntary)