Project acronym: **TetRRIS**

Project title: **Territorial Responsible Research and Innovation and Smart Specialization**

Report on Dissemination and Exploitation of Results - Events

TetRRIS | WP7-D7.4

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Abbreviation Tables

CA	Consortium Agreement
D	Deliverable
EC	European Commission
EU	European Union
GA	Grant Agreement
PDER	Plan for Dissemination and Exploitation of Results
R&D	Research and Development
R&I	Research and Innovation
RRI	Responsible Research and Innovation
S3	Smart Specialisation Strategy
WP	Work Package

Executive Summary

This document is the Report on Dissemination and Exploitation of Results - Events which is identified as Deliverable 7.4 (D7.4) of the project.

Previously, Deliverable 7.3 served as a guiding document which set out how the project will: approach the dissemination and exploitation of the project's results; consider the contents to be disseminated; determine the appropriate targets of dissemination and their areas of interests in alignment with the TetRRIS project; develop a timeline for dissemination during and following the project; identify and carry out means to designate and reach the target audiences; and utilise the tools and methods developed as part of the project to carry out dissemination and exploitation activities. In light of this, D7.4 presents the activities carried out by the project partners, understood as participation in European and/or international conferences, scientific publications in online journals, articles, workshops with stakeholders, webinars, etc.

The activities outlined thereafter have been pursued in coordination with the most suitable messaging and channels so that the desired stakeholders have been reached.

1. Introduction

1.1 TetRRIS Overview

Over the last few decades, there is an increasing recognition of territories and regions as important sources of economic and innovation activities. Simultaneously, environmental and social concerns have become progressively more important across all levels of governance, with increasing discussions on the need for responsibility to be wholly integrated into research and innovation. TetRRIS aims to implement Responsible Research and Innovation (RRI) at the territorial level, with regions from across Europe participating in the project in order to provide case studies to demonstrate and allow for comparison in how different political socio-economic contexts and their effects can shape the implementation of RRI. The pilot regions selected for the project – the Tampere Region in Finland, Karlsruhe Technology Region in Germany, Autonomous Community of Cantabria in Spain, and the Szeged-Timisoara Region in Hungary and Romania – represent diverse contexts and parts of Europe in order to provide for a wide-ranging collection of case studies.

The overarching aim of TetRRIS is threefold. Firstly, to support the pilot regions in systematically integrating RRI practices into their territorial innovation systems and development approaches, thereby embedding value-driven transformation. Secondly, to promote mutual learning and interaction between territories, and thirdly, to develop tools for good practices and policy recommendations that can be used to integrate RRI in the regional development of other European territories.

The main objective of the project is to develop RRI territorial participatory projects in four European regions, which can be further broken down into seven specific objectives:

1. Map territorial actors, analytically describe patterns of interaction, and identify opportunities for enhancing collaboration between actors for value-driven transformation and the uptake of RRI thought and practice.

2. Put regional actors' concerns at the centre of the research agenda by developing pilot projects that give answers to regional actors' questions.

3. Advance the state of the art in territorial R&I projects by building on the capacities of local actors and their insights and embedding RRI into territorial agendas.

4. Develop methods, tools and insights that enable to easily scale-up and replicate pilot projects, thus opening research and innovation to regional actors.

5. Address ethical challenges that often constrain territorial R&I projects by designing innovative approaches to promoting regional actor-led governance of science, including its evaluation.

6. Evaluate the model of territorial R&I projects and their impacts on society, economy and science itself.

7. Raise awareness on the effects of RRI in European territories by translating scientific knowledge gained throughout the process into useful and practical recommendations for policy and governance of the regions.

In TetRRIS, the terms "territory" and "region" are frequently used interchangeably and are loosely defined as an area of country with definable characteristics and identity like municipalities and provinces. Sometimes also term "local" is used similarly.

1.2 COVID-19 Impact

The COVID-19 pandemic significantly impacted the project, with partners forced to respond and adapt to unforeseen circumstances from the early stages of the project, which kicked-off in autumn 2020. Activities, meetings, and events that were intended to be face-to-face meetings were shifted to virtual ones as partners strived to adapt to the changing situation and the personal and professional challenges that accompanied the relatively instant transition to virtual work. At first, the consortium struggled to respond to adapt to the uncertainty as to what extent in-person events and activities were possible, however the partners successfully responded starting from Autumn 2022.

Until March 2022, the majority of activities relating to the project have thus been online, and health and government regulations have been monitored throughout the project period to determine whether it was appropriate and possible to hold in-person events in the second half of the project. From October 2022 physical events that were intended to be held to further dissemination the project, as foreseen by the project proposal, were held in-person maximising the reach and impact of these events, and the project overall.

2. Scope and Objectives

The purpose of this D7.4 is to show the communication, dissemination and exploitation activities, understood as organisation or participation of events, carried out independently by the consortium partners, in alignment with TetRRIS' objectives.

As part of Work Package (WP) 7 of the Consortium Agreement (CA), this deliverable has two overall aims: to show how consortium partners have contributed to raise awareness of the project supporting the overall implementation of the project through a set of regional and international events; and to demonstrate how the TetRRIS project allowed partners to mobilise as many relevant stakeholders as possible involving them in networking occasions and events. The D7.4 is closely connected to the other WP7 deliverables.

2.1 Communication, Dissemination and Exploitation Strategy

To implement the activities that will be listed in the following sections, other important documents have previously been drafted to contribute to the overall success of the

communication, dissemination, and exploitation efforts of the project. These documents are the: communication and dissemination strategy and visual identity (D7.1); development of different tools for communication (D7.2); and the PDER (D7.3).

As stated in the Grant Agreement (GA), all project partners must engage in actively communicating and disseminating the project and exploiting its results through their networks and to their respective relevant stakeholders.

The communication strategy included several actions that were to be carried out, some the sole responsibility of EURADA as the leader of the communication WP, and others the responsibility of the entire consortium. Among EURADA responsibilities were the management of the website and the project's social media as well as the publication of newsletters. Communication activities that involved all consortium members included participation in conferences, the organization of workshops and Policy Labs, and the writing of scientific publications.

The dissemination tools package referred to the support in place utilised to share project outcomes, while dissemination channels referred to the pathways through which TetRRIS partners disclosed and distributed the project results. Dissemination efforts took place online and offline through various channels, at the local level of each pilot region, as well as at the European and international levels as it will be outlined in the following sections. The dissemination of the project's results is an important element for the success of TetRRIS: the public availability of the policy recommendation and the use of the four territorial experiments as examples that could guide other regional practitioners.

The exploitation phase begun in the second part of the project where valuable outcomes have been produced which were relevant for project partners as well as external stakeholders. While exploitation is closely linked with both communication and dissemination activities, it is uniquely focused on the use of the results and doesn't include efforts to inform, promote, describe, or ensure availability of results, which is done under the scope of the other activities. The understanding of exploitation adopted by TetRRIS is one that refers to all activities contributing to the utilisation of project results in a concrete manner for commercial, societal, and/or political purposes.

Further details on the overarching strategy for the project can be found in D7.1 Communication and Dissemination Strategy and D7.3 Plan for Dissemination and Exploitation of Results.

2.2 Overview of the Actions Undertaken by the Consortium

In light of the GA, D7.1, D7.2 and D7.3, the project partners have undertaken a major effort in their respective work packages aiming to communicate and integrate their experiences and results achieved in the project to other regional development practitioners. Through the course of the project life, each partner developed its own strategy to involve local stakeholders in the preparation and realisation of the specific tasks and to their outward communication. The first important part of the dissemination

of the project's results has already been completed, and partners are now mainly focusing on exploitation.

Table 1 below, summarises partner's responsibility with regard to communication and dissemination.

Table 1: Project Partner Roles

Partner	Role
VTT (Project Coordinator)	Ensure there is continuous contribution by all partners towards dissemination activities
EURADA (WP7 Leader)	• Support partners' dissemination activities: content reposting on project website and social media channels, creation of event banners and registration links, etc. • Disseminate results through the project's and EURADA's communication channels
Pilot Regions	• Share updates on project activities and results • Identify and present at relevant conference and events • Disseminate results in local languages and at the local level
Scientific Partners	• Contribute to scientific articles • Identify and present at relevant conferences and events

3. Dissemination and Exploitation Actions

Communication mechanisms are interconnected with the dissemination and exploitation of the project's results. This section outlines the tools and channels available to project partners to aid in their dissemination and exploitation efforts, as well as all the activities, understood as events, executed in the three years of project implementation.

3.1 Tools and Channels

This section will give a brief overview of the main tools and channels at project partners disposal in order to disseminate end exploit project contents and results.

Table 2 below, presents the main activities foreseen as part of the general communication strategy of the project. For each of them are indicated the target audience and the corresponding expected results.

Table 2: Dissemination Results and Impacts

Activity	Target Audience	Expected Result
Publication of scientific articles	Researchers; Policymakers	Increase the amount of reliable data and information about RRI that provides a solid background for further investigation and development.
Presentations or participation in events and conferences	Researchers; Policymakers; Regions; R&I practitioners	Raise the awareness of the project while demonstrating existing and future results that can be scaled and transferred to other regions and circumstances.
Press releases	General public	Facilitate the promotion and dissemination of the project and its impact with a wide audience through mass media.
Workshops in pilot regions	Territorial stakeholders	Reach stakeholders within each pilot region.
Final conference	Policymakers (in particular at the EU level); R&I practitioners	Provide a forum for the final results of the conference to be presented.
Partners' communication networks	Policymakers; Territorial stakeholders	Increase reach of dissemination through the independent networks of project partners such as their website, newsletters, social media, etc.)

Activities, tools and channels are specifically defined below, emphasizing the importance of for the project and the purpose of their use/realisation.

3.1.1 Scientific Publications

Peer-reviewed academic publications and press releases lent rigorous credibility to the approaches used and the impact of the TetRRIS project. Such publications also expanded the reach of the project results to a wider audience and provided greater longevity to the methods and outcomes of the project. By publishing in academic publications, the project has been immortalised into the field of scientific literature from which policymakers, researchers, and practitioners draw from to design and develop future research and implementation of RRI.

At the time being, two publications are currently under finalisation (including one dealing with the integration of RRI into regional innovation systems and policy, and the other one asking, how territories are responding to the new requirements imposed by the twin transition and increasing calls for embedding sustainability into smart specialization) ready to be submitted by the end of the current year, and one article has already been published. Presented at the International Society for Professional Innovation Management conference, held in Salzburg in November 2022, it is titled *Responsible Research and Innovation and Materiality Assessment Frameworks in Regional Innovations: Pilots from four Regions,* and features, as its main author, Emad Yaghmai, founder of Yaghma, one of the TetRRIS project partners.

3.1.2 Events and Conferences

In person and virtual events, including workshops, conferences, and congresses related to science and technology, RRI, regional development, and S3/S4 served as platforms for partners to communicate and disseminate the project's impacts to a specific audience. Project partners were expected to participate in such events to disseminate the impacts of their work in the project, as well as the project as a whole.

Scientific and/or academic conferences provided the opportunity for the results to be disseminated directly to researchers and practitioners. The project results were communication in the form of a panel discussions, poster presentations, or paper presentations, depending on the specific conference.

The TetRRIS final conference served as a final dissemination event organised at the conclusion of the project. This high-level international event, organised in-person in Tampere (FI) in July 2023, has been an opportunity to disseminate the project outcomes and impacts to an engaged the audience in face-to-face discussions or group work on important issues for the development of RRI in Europe.

3.1.3 Workshops and Policy Labs

Several policy labs have been held over the course of the project to facilitate structured exchange, cross-regional learning, and network building between three of the pilot regions (Tampere, Karlsruhe, and Cantabria). During these policy labs regions shared their experiences and learnings with regard to integrating RRI into policies and practice

at the regional level. The first of these labs, held in Brussels at the EURADA premises in October 2022, studied what Responsible Research and Innovation offer Smart Specialisation Strategies in their reorientation towards sustainability. The second policy lab was held in Santander (ES) and hosted by Tecnalia. It aimed at exploring 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 final policy lab was organised in the framework of the project final event, in Tampere, in July 2023. It consolidated and validated the experiences and lessons learned from across all the pilot regions. This was done through a series of activities such as group works on policy recommendation, open discussion on practices validation and sharing of lessons learned.

Overall, the aim of these policy labs was not only to build connections and develop partnerships for cross-regional learning between pilot regions, they also served as a mean to bring together stakeholders within a region, as well as other stakeholders not involved in the project, but with an interest in these regional dynamics and the integration of RRI principles.

3.1.4 Podcast and Video Interviews

As mentioned in section 1.2, considering that the majority of the event were held online due to COVID-19 restrictions, and thus the budget expenditure was not addressed as originally planned, the partners decided to engage in additional activities not directly mentioned in the GA.

As part of the communication and dissemination activities of the project, a 5-episode podcast series was created by EURADA to share knowledge and experiences of RRI implementation in the four pilot regions addressed by the project. Titled "Let's talk about RRI: How to do Research and Innovation", the podcast series was designed to cater to people with some existing knowledge of RRI, including researchers, academics, policymakers, and other professionals involved in implementing RRI into their work. The five topics addressed were T*ransforming Regional Policymaking Through Engagement, Innovating Across Borders and Cross-Border Smart Specialisation, Responsible Ai in Regions, utilising RRI to Bring About Regional Sustainability* and *Integrating RRI into Regional Policies for Institutional Change.*

Each episode was moderated by Richard Tuffs – a member of the project's advisory board, whose expertise relies upon regional research and innovation ecosystems, smart specialisation and territorial development –, and featured 2-3 panellists who shared their insights and experiences on RRI implementation in their respective regions. The production of the podcast was made possible thanks to the work of Freshair Production Company from the UK, who provided professional support in the editing and production of the final version of each episode.

Additionally, a **series of thematic and regional videos** in the form of interviews was created. The purpose was to give visibility to the project on the most relevant topics and on the work being done in the four pilot regions involved. On the one hand, the thematic videos included a single question that was proposed to the attendees and were thought of as pills of knowledge to be shared. The videos addressed either one of the following four topics: Interregional Cooperation, Smart Specialisation, Responsible Research and Innovation (RRI) and Sustainability. They represent the pillars that TetRRIS has been promoting over the last few years, as it is a project developed in an intra-regional territory, where the focal points include RRI and S3.

On the other hand, the regional videos were longer and more comprehensive. They were inspired by the impact stories shared by the regions' representatives during the first TetRRIS Policy Lab held in Brussels in October 2022. As a result, the idea was to create these videos to highlight the work, challenges, and successes of the project topics in each region.

Both podcast episodes and videos have been disseminated on social media channels and have been added into the corresponding website pages.

3.1.5 Social Media and Website

Social media channels and the project website are a relevant part of the dissemination strategy, especially for those platforms that are increasingly proving themselves to be places where thematic communities of experts gather, interested in the outcomes of the research and in the communication itself. Especially, social media channels are valuable platforms to reach a wide community, increase visibility and raise awareness, thus providing the opportunity for the project to reach new members from the target audience.

LinkedIn
A LinkedIn project page (@TetRRIS Project) was activated in April 2021 with the intention of sharing events and showcasing the project to external professionals such as scientists and policymakers. Over three years, the profile has gathered 185 followers. The creation of a specific partners' tag list has helped the engagement of the sevarl posts published. Partners have been quite active during the three years supporting the page sharing, diffusing and tagging the TetRRIS on their social media page.

Specific analytics related to the project's LinkedIn page will the reported in the Final Technical Report – B.

Twitter
A Twitter account for the Project (@tetRRIS_project) was created August 2021. However, posting was not planned to start until a complete website had been created and project members provided EURADA with information about their organization to be shared on the channel. Since then, the profile has gathered 351 followers and 508 tweets have been published. High engagement peaks in correspondence with major events alternated with low engagement peaks often during the summer months and periods of lower project activity.

Specific analytics related to the project's Twitter page will the reported in the Final Technical Report – B.

Website

The TetRRIS website has been one of the most important platforms for the project's communication and dissemination over the three years. Among the different sections created on the website, it is worth mentioning the "Events" and "Blog and News" ones. Within these, 58 articles and blogs written by all project partners and external collaborators (i.e.: members of the project's Advisory Board) were published. Many of these were about giving back to the public following major events and conferences, others informed about specific project activities, and still others reflected on issues intrinsic within the concepts of RRI, such as sustainability, public engagement, interregional cooperation, policy development, etc. In this regard, a new section called "RRI in Practice" has been created within the website. It served as a space for users to get to know events and action deployments from the project, classified by different focal themes.

3.2 TetRRIS Partners Actions

The following sections detail the concrete actions implemented by TetRRIS partners. Specifically, they organised stakeholder meetings to demonstrate project advances and gather feedback where necessary. The workshops, as explained in previous sections, were supporting also the cross-regional exchanges. National and international conferences served as platforms through which to reach experts; and The TetRRIS final conference served as a final dissemination event organised at the conclusion of the project.

3.2.1 Karlsruhe Technology Region - TRK

Shareholders Meetings

Over the three years of the project, TRK organized six meetings involving regional shareholders, gathering more than 32 experts coming from the public sectors but also representing the economic and scientific fields of research. The first three were held online because of the pandemic situation. The other three out of six were managed to be organized in person, in several significant places in the German region, respectively Germersheim, Landa and Rastatt. The workshops aimed at involving regional stakeholder in order to gather and share regional development strategies, barriers and drivers.

Workshops

Seven different workshops have been organised and/or attended by TRK:

1. *TetRRIS Workshop: Citizen participation for new technologies in the Karlsruhe Technology Region* (online)

This workshop has been attended by 30 participants. It highlighted the importance of the participatory aspect in the region which drove to the foundation of the Practitioner Network for Citizen and Stakeholder Engagement.

2. *TetRRIS Workshop: living labs for new technologies in the Karlsruhe Technology Region* (online)

3. *Founding meeting of the TetRRIS-Practitioner Network for Citizen and Stakeholder Engagement* (online)

Twenty-five participants actively participated in brainstorming and discussion sessions at the end of which the topics of the following workshops were selected (see points 4 to 7 below).

4. *First Workshop: TetRRIS – Practitioner Network* (Karlsruhe)

The event titled "Successful project communication between marketing, co-creation and technology acceptance: The example of efeuCampus" focused on public engagement in the context of innovation projects and was attended by 20-25 participants.

5. *Second Workshop: TetRRIS – Practitioner Network* (Karlsruhe)

Titled "Participation in Practice: Aims – Challenges – Formats", this workshop focused on public engagement and presented practical formats for stakeholder and citizen participation (20 Participants).

6. *Third Workshop: TetRRIS – Practitioner Network* (Karlsruhe)

This event revolved around the managing of conflicts in the context of citizen and stakeholder participation. Thirty-35 people participated in this "Not in my backyard: Conflict resolution in space-related innovations and large-scale technical facilities: Experiences and recommendations from practice" workshop.

7. *Fourth Workshop: TetRRIS – Practitioner Network* (Karlsruhe)

This last workshop, titled "RegioWIN cross-project communication concept for the Karlsruhe Technology Region", was crucial to reflect on the key results of the Practitioner Network pilot activity and conceptualising how regional actors may build on these to further develop participation activities and communication concepts in the Karlsruhe Technology Region.

All these workshops have seen the participation and collaboration of the Fraunhofer ISI.

Conferences
The Karlsruhe Technology Region played an important role in the dissemination of the TetRRIS project as its representatives took part in 7 different conferences over the life of the project: The European Green Deal and the Economy: Regional Strategies and

Implementations in December 2021, MAKE IT GREEN! The European Green Deal on the Upper Rhine in March 2022; ARTEM Conference Nancy at the Nancy University (FR) in April 2022; in May 2022 the Karlsruhe Region organised a Mobility Konferenz gathering together several mobility partners of the region; the 7th Franco-Alleman Forum held in October 2022 in Strasbourg; the Green Deal Forum in November 2022 within the region, where Pirkanmaa and Fraunhofer ISI also participated.

Additionally, the High-Level Forum (HLF) Summit is the annual face-to-face meeting of the HLF Network – a three-day event dedicated to innovation. The HFL Summit was established in 2012 in the French city of Grenoble and is organised every two years in Grenoble, France, and alternately in one of the HLF members' ecosystems. This year's HLF Summit took place in Tampere, Finland, in early November 2022. The 11th edition of the HLF on the theme "How local & regional innovation ecosystems support 2030 global objectives" was attended by over 120 participants from nearly 30 innovation ecosystems on 5 continents, who gathered to shape a better future. At the event, three TetRRIS partners among which there was the Council of Tampere Region, VTT and Karlsruhe, represented themselves and the TetRRIS project alongside a large number of international ecosystems.

Final Conference
On July 4 and 5, 2023, the TetRRIS Final Conference was held in Tampere. On this occasion TRK partners took an active role in the Conference by participating as expert panellist in the second session about Responsible and Sustainable Mobility, as well as pitchers in the afternoon pitching session briefly explaining the activities for the development of a Regional Bioeconomy Strategy carried out in the region stressing the importance of Cluster formation and sensitisation plant fibres for regional value chains.

TRK Supervisory Board Meetings
TechnologieRegion Karlsruhe GmbH, as per internal policy, informs the Supervisory Board three times a year about the current status and impact in the region. During the three years, eight Supervisory Board Meetings have been held, which included detailed presentations about the status of the implementation of the project in the region. Fifteen stakeholders from economy, science and the public sector were usually present during these meetings.

3.2.2 Fraunhofer Institute for Systems and Innovation Research
Workshops
The Fraunhofer ISI participated and collaborated with the Karlsruhe Technology Region in the organization of the workshops mentioned in section 3.2.1 – Workshops.

Conferences
The Fraunhofer ISI played an important role in the dissemination of the TetRRIS project as its representatives took part in 4 different conferences over the life of the project: the *Regio Cluster Agency of Baden-Württemberg event* in October 2022, held in Stuttgart, revolved around the role of regional clusters in the transformation process and

implications for RRI; the *Future Forum 2022 - Industry within the context of regional change,* held as well in October 2022 in Villingen-Schwenningen, has seen a key note presentation on the implications of climate goals for the path stability of regional innovation systems; the Council of Tampere Region, Karlsruhe Technology Region and Fraunhofer ISI finally organized the *High Level Forum Tampere* about citizen engagement in November 2022; the *Alliance for Transformation Region Heilbronn-Franke conference* held in February 2023, where a key note presentation was given together with the alliance for transformation and the metal workers' trade union.

Final Conference
Fraunhofer ISI researchers, as well as most of the project partners, took an active role in the TetRRIS Final Conference by participating as expert panellists and/or moderators in each of the three sessions about Twin Transition, Responsible and Sustainable Mobility and Sustainability of Industry.

3.2.3 SODERCAN

Stakeholders Meetings
In light of one of the most important RRI pillar related to engagement, SODERCAN organized three meetings with local stakeholders during the three-year project, all of them in collaboration with TECNALIA. The three meeting were held online, respectively in May 2021, January 2022 and May 2023. The session allowed a deep interaction with local stakeholders proposing them future workshops and labs, informing on the regional innovation mapping and sharing the project's impact in the region, prospects and mid-term initiatives.

Workshops
The *Regional Responsibility for R&D Workshop series* has been one of the two main initiatives organised by SODERCAN. The first *Regional Workshop on RRI Stakeholders*, organised in October 2021 in Santander, was focused on the detection and identification of four RRI and Smart Specialisation pillars to be tackled during the regional workshops with innovation regional stakeholders. The second meeting of the series was held in March 2023 in Torrelavega and dealt with the RIS3 regional strategy and the identification of several pilot actions to be implemented.

Moreover, SODERDAN has been responsible for the organisation and management of the training *Practical Workshop on Sustainability* in La Albericia Secondary School in Santander. As a major conclusion of the different stakeholders involved in the different workshops developed in Cantabria under TetRRIS, the management of a series of workshops was decided as a pilot action derived from the TetRRIS Project on sustainability. The five training workshops were held between May and June 2023 and they covered the identification of the topic – awareness, the detection of the state of the art of sustainability in a specific environment, the identification of barriers for change, tools for change and pilot projects, and the conclusions for learning and validating by potential users, addressing the feasibility of the tools for change.

Final Conference

SODERCAN representative attended the TetRRIS Final Conference in July in Tampere and participated in the pitching session explaining Cantabria's progresses in the field of Industry 4.0, Blue Economy, sustainable tourism, and bioeconomy. They also contributed to the success of the conference by bringing various stakeholders on site who actively took part in the discussion sessions and group work.

3.2.4 TECNALIA

Stakeholders Meetings

TECNALIA supported SODERCAN in the organization of the stakeholder meetings mentioned in section 3.2.3 – Stakeholders Meetings.

Workshops

TECNALIA's participation and collaboration in regional workshops counted four different interventions:

1. TetRRIS Lab Cantabria – Introduction

   In collaboration with the other regional partner, an introductory session presenting the project's ideas and actions in the region has been organised in April 2021.

2. TetRRIS Lab Cantabria – Kick Off

   After a first phase that involved a mapping of the innovation ecosystem in Cantabria, TECNALIA launched the TetRRIS Cantabria Lab in October 2021 gathering more than forty participants and different local agents of innovation.

3. # EtxebarriZientzia21

   In November 2021, TECNALIA was invited to a group talk of citizens in Etxebarri, Spain, about "Citizenship, Responsibility and Innovation".   Twenty-five participants, mainly coming from retired woman associations, attended the talk, which was participatory and organised as a conversation, where practical examples and experiences to strengthen the role of citizens in research were shared with the audience.

4. "Encuentros RIS3 Cantabria"

   The Centro Internacional Santander Emprendimiento – CISE in 2021 and 2022 a series of workshop in the region delving with different topics of current interest. TECNALIA took part at the roundtables about Industry 4.0 and Bioeconomies in June and October 2022.

Policy Labs

As per the project's tasks, TECNALIA was responsible for the organization of three Policy Labs. TetRRIS Policy Labs have been designed as a space for structured exchange among the project's regional partners and stakeholders, to facilitate mutual learning, networking, and the creation of enriching synergies between the regions. The first one, held in Brussels in October 2023, was organized within that year's priorities of the

European Week of Regions and Cities. The side events contributed to reflect on the main achievements of cohesion policy over the past two decades, showcasing its impact on the quality of citizens' lives and the social and economic convergence across European regions. In this case, TetRRIS wanted to contribute to the programme by reflecting on how to systematically integrate RRI practices into regional innovation systems and development approaches which can thereby embed value-driven transformation.

The second session of the TetRRIS Policy Lab, also known as "TetRRIS Winter School", took place in Santander in February 2023. On this occasion, the session was more ambitious and aimed at exploring 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. Finally, the third and last Policy Lab was framed in the framework of the second day of the project's final conference in Tampere, July 2023. This last session revolved mainly around two exercises: the creation of policy recommendations about RRI implementation, and the reflection about best practices and tools to be developed in order to spread RRI in regions.

Conferences
TECNALIA's participation in conferences started in March 2021 during the *Conoce UMH online conference*, where they were asked to have a talk about technology transfer and knowledge with social value during an online training. In June 2022, *The contribution of technology in social innovation processes conference* was organised by ISEA S.COOP. - Centro de Desarrollo Tecnológico, Innovación y Emprendimiento, who invited TECNALIA for a talk on tools to facilitate citizen participation and look for technology in society.

Final Conferences
As mentioned in one of the previous sections, TECNALIA was responsible of the organisation of the whole second day of the project's final conference in July 2023. They organised and managed group works, workshops and discussions among project partners and regional stakeholders.

3.2.5 VTT

Stakeholders Meetings
VTT organized several stakeholder meetings during the duration of the project. Between November 2021 and June 2023, VTT organised and attended the following meetings:

1. Preparatory partnering meeting with Sustainable Industry X and Business Tampere representatives

   As the first workshop organised within the project in December 2020, it aims at mapping collaboration opportunities and possible actions to promote responsible and sustainable development in manufacturing industry in Tampere region. The participants shared information of ongoing and planned activities and identified opportunities for collaboration on themes touching upon sustainable and responsible development in manufacturing industry.

2. Partnering meeting with Sustainable Manufacturing Hub (SMH) actors in

Tampere

In January 2021, it was focused on mapping collaboration opportunities with Sustainable Manufacturing Hub by identifying possibilities for collaboration on responsibility theme related to manufacturing industry in the region.

3. SPRINT Innovation Festival Challenge Competition

In November 2021 and 2022 two editions of this workshop were organised. The first, titled *Challenge: How industry can contribute to sustainable future?*, was presented and challenges was formulated in collaboration with Sustainable Industry X - SIX Initiative and Business Tampere. During the second one, TetRRIS challenged the students to envision a sustainable digital future in the Tampere region, 10 to 20 years ahead. In the challenge, the students were encouraged to think up solutions that would have a positive impact and that might even help solve societal challenges of today and the future.

4. First RRI Roundtable Meeting in Tampere

This first, out of four, meeting was organised in November 2021. One of the objectives of Tampere's pilot activity intended to raise awareness of sustainability and responsibility in regional RDI community. The second objective of the meeting was to co-create content to the upcoming Ekothon event, foreseen for December 2021 under the management of the Council of Tampere region.

5. Second RRI Roundtable Meeting

It was planned for June 2022 and aimed to 1) to intensify understanding RRI project contents, to hear the news and ongoing actions and have time for the general discussion about the RRI- dimensions through the projects; and 2) to brainstorm the High-Level Forum workshop.

6. Tampere & Karlsruhe Regional Exchange Meeting

Organised in November 2022, this workshop brought together participants from regional organizations and project actors of both regions: From Tampere: VTT, the Council of Tampere Region, Business Tampere, Tampere University, Tampere City Region, and the SIX Initiative; and from Karlsruhe: Technologie Region Karlsruhe, Fraunhofer ISI, and FZI Research Center for Information Technology.

7. STRONG, STRONGER, RESPONSIBLE

In October 2022 this workshop tackled the topic of sustainable development posing to participants the following questions: how can we get from speech to concrete solutions? How should we deal with the inevitable issues of compromise between ecological, social, and economic sustainability? And is sustainable growth a utopia? How can technological and social innovations help build a more sustainable future?

8. Third RRI Roundtable Meeting

The third meeting, held in December 2022, was focused on the topic of the prospects of RRI, given that many H2020 funded RRI themed projects were

reaching their end in 2022.

9. Tampere and Szeged-Timisoara Regional Exchange Meeting

   This workshop was a two-days event, held in December 2022, and tried to deepen the RRI concepts in Szeged.

10. Building a roadmap of the regional digital compass in the Council of Tampere Region

    Built around the topic of digital compass, this workshop organised in October 2022 gathered several key stakeholders of the region, which discussed the digital decade with a conclusion that it is necessary to create Pirkanmaa regional digital compass. The compass should be created in an open and participatory process coordinated by the Council of Tampere Region, a multi-stakeholder steering group needs to be set up accordingly.

11. Fourth RRI Roundtable Meeting

    The last event of this series was organized in June 2023 and highlighted the prospects of RRI in the Pirkanmaa region and the role of ecosystems and shared value creation.

Workshops

In addition to its major commitment to organizing and managing stakeholder meetings, VTT has also engaged in workshops. *Our Common Responsible and Sustainable Future: Co-creating a future vision through the upcoming Regional Development program and Smart Specialization* was held online in August 2021 and was centered around the Regional Development program's mission "Tampere region business-sector has a positive handprint". Additionally, in December 2021 *Ekothon II* was a two-day co-creation online event (a hackathon) that enhanced public engagement with the civil society and the grass- root-level actors of the Tampere region. Moreover, the *Responsibility in Innovation: How can engagement enhance responsibility?* Workshop was held in the framework of the High Level Forum in November 2022. The objective of the workshop was to promote responsible innovation in general and Karlsruhe and Tampere regions in particular, as RRI actors. Lastly, in December 2022, VTT and YAGHMA helped to run a foresight workshop with local stakeholders of Szeged to identify common interests in responsible and sustainable innovation that translated into roadmap actions towards sustainable research and innovation in Szeged itself.

Conferences

At the EU-SPRI 2022 Conference, held in Utrecht and titled "Challenging Science and Innovation Policy", VTT was co-organizer of the Transformative Innovation Policy and the Institutionalisation of Responsible Research and Innovation session.

2023 EU-SPRI Conference, held in Brighton in June, VTT presented a paper titled *Implementing regional RRI: Drivers and Barriers on the road towards responsible and sustainable RIS*, whose authors included not only VTT, but also other partners coming

from TECNALIA, YAGHMA, Fraunhofer ISI. In addition, VTT with their partners organized a responsibility related panel session in the conference.

VTT was also one of the three TetRRIS partners attending the High-Level Forum in Tampere in November 2022. See: https://hlf-giant-grenoble.org/hlf-annual-summit/high-level-forum-2022/

Final Conference

On July 4 and 5, 2023, the TetRRIS Final Conference was held in Tampere, and this was possible thanks to the VTT-EURADA joint organisation of the event. Besides being on charge of the pre-event organisation and set up, VTT representatives also took an active role during the event itself, covering the roles of moderators and speakers in the Twin Transition and Sustainability of Industry sessions, as well as animating group discussions and debates.

Lectures

In November 2020, a lecture on responsibility in tech development was given in the framework of "Mimmit koodaa - Three points on responsible technology development". Moreover, within the Finnish Science Forum held in January 2021, VTT was also responsible of another lecture on responsibility and need for trust in science and technology. Between February and May 2022, tackling the topics of responsibility and sustainability, another lecture/training Piloting of Corporate Responsibility Accelerator Hub was organised. The accelerator was open for SMEs of the Tampere region that had acknowledged the need to develop their corporate sustainability measures and wanted to investigate the possibilities of sustainable business. In December 2022, VTT held together with YAGHMA an open Science Shop lecture on RRI at the Corvinus University of Budapest.

3.2.6 Council of Tampere Region

Stakeholders Meetings

The Council of Tampere Region has been involved in a series of stakeholders' meetings organized in preparation of the regional strategy as well as High-Level Forum. The local organising committee of the High Level Forum, composed also by VTT, the Tampere University, the Tampere City and DIMECC, met several times in 2022, respectively in March, April, June and October. Representatives of Council had also meetings with the leadership of High Level Forum to prepare the event.

Conferences

The Council of Tampere Region had an active role in the International High Level Forum organized in Tampere in November 2022 by organizing a workshop together with VTT and the Karlsruhe Technology Region. See: https://hlf-giant-grenoble.org/hlf-annual-summit/high-level-forum-2022/

Final Conference

Because it was organized in Tampere, the projects Final Conference was attended by several representatives of the Council of Tampere Region, who participated both actively as speakers during the second session dealing with Responsible and Sustainable

Mobility, as well as participants who took part in the panel discussions and Q&A sessions.

3.2.7 Yaghma

Stakeholders Meeting

During the three-years duration of the project Yaghma was involved in several stakeholder meetings organised within the Szeged-Timisoara Pilot Region.

Workshop

In February 2022, Yaghma participated in the TalentMagnet Workshop organised in Szeged by presenting the project and highlighting the role TetRRIS is covering in fostering RRI concepts in Europe. In December of the same year, in the framework of the ResBios Conference, a mutual learning workshop was held in Brussels where Yaghma participated presenting the project together with representatives of the Szeged-Timisoara Pilot Region.

In December 2022, YAGHMA cooperated with VTT to run a foresight workshop with local stakeholders of Szeged to identify common interests in responsible and sustainable innovation that translated into roadmap actions towards sustainable research and innovation in Szeged itself.

Conferences

Yaghma participation in conferences started in October 2021 at the World Summit AI where the topics of digitalization at regional level, Industry 4.0 and AI were tackled. Additionally, another important occasion was the ISPIM Connects Athens Conference - "The Role of Innovation: Past, Present, Future". In this event, that took place in Athens, Greece, in November 2022, a TetRRIS paper was presented.

Final Conference

Yaghma attended and actively participated in the project's final conference assuming the role of moderator in one of the three main sessions of the event.

Lectures

In December 2022, YAGHMA supported VTT in an open Science Shop lecture on RRI at the Corvinus University of Budapest.

3.2.8 DARINNO

Stakeholders Meetings

DARINNO, as representative of the Szeged-Timisoara Pilot Region targeted by the project, has been committed in the organization of several stakeholders' meetings. In September 2021, the first one was conceived within one the Talent Magnet Pilot Action. A steering committee meeting on the importance of RRI was organised in order to raise awareness on RRI in the partnership. In the wake of this, in October 2021, TalentMagnet

key representatives were invited to contribute in some TetRRIS activities in order to continue the cooperation.

Moreover, in November 2022, a brunch has been organized in order to gather managers of the most important clusters in Hungary. The discussion revolved around digitalisation and cloud-based services where TetRRIS and RRI concepts have also been introduced.

Additionally, in the framework of the second action plan related to DIH-World project, DARINNO integrated RRI into regional innovation services by supporting DIH's Business Plans, between November 2021 and April 2022.

In January 2022, the Peer Review Event of the First Smart City and Digital Transformation Strategy for Timisoara 2022-2027 was organised in Timisoara. With the aim of envisioning better cross-border futures for citizens and organisations by transformative innovation policies, the initiative presented TetRRIS and DIH-World projects as pilot actions, to the stakeholders in the city.

Finally, RRI community of professionals gathered by DARINNO, supporting RRI with knowledge and experience generated by TetRRIS partners, started a network collaborating from April 2023.

Workshops
Starting in September 2021, but then also in March and December 2022, as well as in February and April 2023, DARINNO took part in several workshops conceived by the EURADA Digitalisation Working Group where the experience of DIH-World, as pilot action of TetRRIS, was introduced toward an European audience.

Moreover, between October and November 2022, DARINNO organized a series of four workshops for Economists Talents, explaining how to integrate RRI concepts into business. This task was also supported by Yaghma, that participated as expert. Additionally, two workshops about Chemist Talents were set up at the end of October 2022.

Eventually, in May 2023 they participated at the International Community Day initiatives, conceived in the framework of DIH-World, by presenting a detailed business plan revolving around the implementation of RRI pillars in Szeged.

Trainings
In February 2022, a RRI training for TalentMagnet staff was organized during an online 1,5h session, where 22 participants actively engaged. In addition, starting from March 2023 three consecutive months, a practical online education training to cluster managers and economic development professionals was organised about the implementation of RRI pillars into the S3 concepts.

Conferences
During the three years of the project, DARINNO had the chance to participate in several European and international conferences:

- Space and the state (Tér és állam), Budapest, October 2022

  The topic addressed were the new European tools for supporting digitalisation

of companies, and on this occasion, DIH-World actions were presented as pilot action of TetRRIS for regional science professionals in Hungary.

- THE UNIVER-CITY, Pécs, October 2022

The conference revolved around the kowledge based innovation by international cooperation, where several actions of awareness raising for TetRRIS were done toward urban development professionals in Hungary.

- Innovation Conference, Budapest, November 2022

On this occasion, a PhD session dealing with Responsible Research and Innovation in smart city strategies was delivered to an academic audience operating in the Hungarian ecosystem.

- EU-Japan Regional & Cluster Cooperation – Annual Conference, Online, December 2022

After the presentation of DIH-World as TetRRIS pilot action, a commitment for international cooperation for social innovation has been reached between the participating clusters.

- Doctorales ASRDLF 2023, Tours, Januery 2023

The conference aimed at discussing how to improve quality of life in smart cities through innovation with social cohesion. DARINNO presented the RRI concept and the experience of TetRRIS project to an academic audience in France.

- Challenges and Lessons for Innovation Management, Debrecen, March 2023

Experience of digitalisation and smart cities from Japan was introduced to academic professionals in Hungary.

- 16th Annual International Conference on Economics and Business Challenges in the Carpathian Basin, Miercurea Ciuc (Romania), May 2023

The experience of DIH-World as pilot action of TetRRIS, and EPIX project as follow-up action, were introduced toward an international audience. On this occasion, transnational contacts were made for the continuation of development actions for responsible innovation.

Final Conference

DARINNO representatives attended the TetRRIS Final Conference in July 2023 in Tampere and participated in the Responsible and Sustainable Mobility session, as well as in the pitching session presenting the Dutireg Digital Innovation Hub, and showcasing the Science, Technology and Educational Platform for Photonics – STEPP's commitment to Hungarian innovation development. They also contributed to the success of the conference by bringing various stakeholders on site who actively took part in the discussion sessions and group work.