



CLUSTERS3

Interreg Europe



European Union
European Regional
Development Fund

“
ERRIN as an important stakeholder in building
the regional ecosystems of innovation and
clusters”

Marcin Podgórski

Member of Board

7 marca 2017 r., Lublin

ERRIN Four Ps

**Influencing EU Research
& Innovation Policy**

Synergies
Cohesion Policy
Smart Specialisation
Innovation Policy
Horizon 2020 future

Project Brokerage
sessions:
Energy Oct 2016
Going Green in
Seventeen Jan 2017

Policy

Working with our
members
Joint events –
EURADA/ERRIN and
CEFIC/ERRIN
ERRIN/AER
MoUs

Partner Searches on
website
www.errin.eu

**Partner-
ship**

Average of >2
events/invitations to
speak per week

ERRIN in projects e.g.
'SmartSpec Project'
with ten ERRIN
regions

Projects

Profile

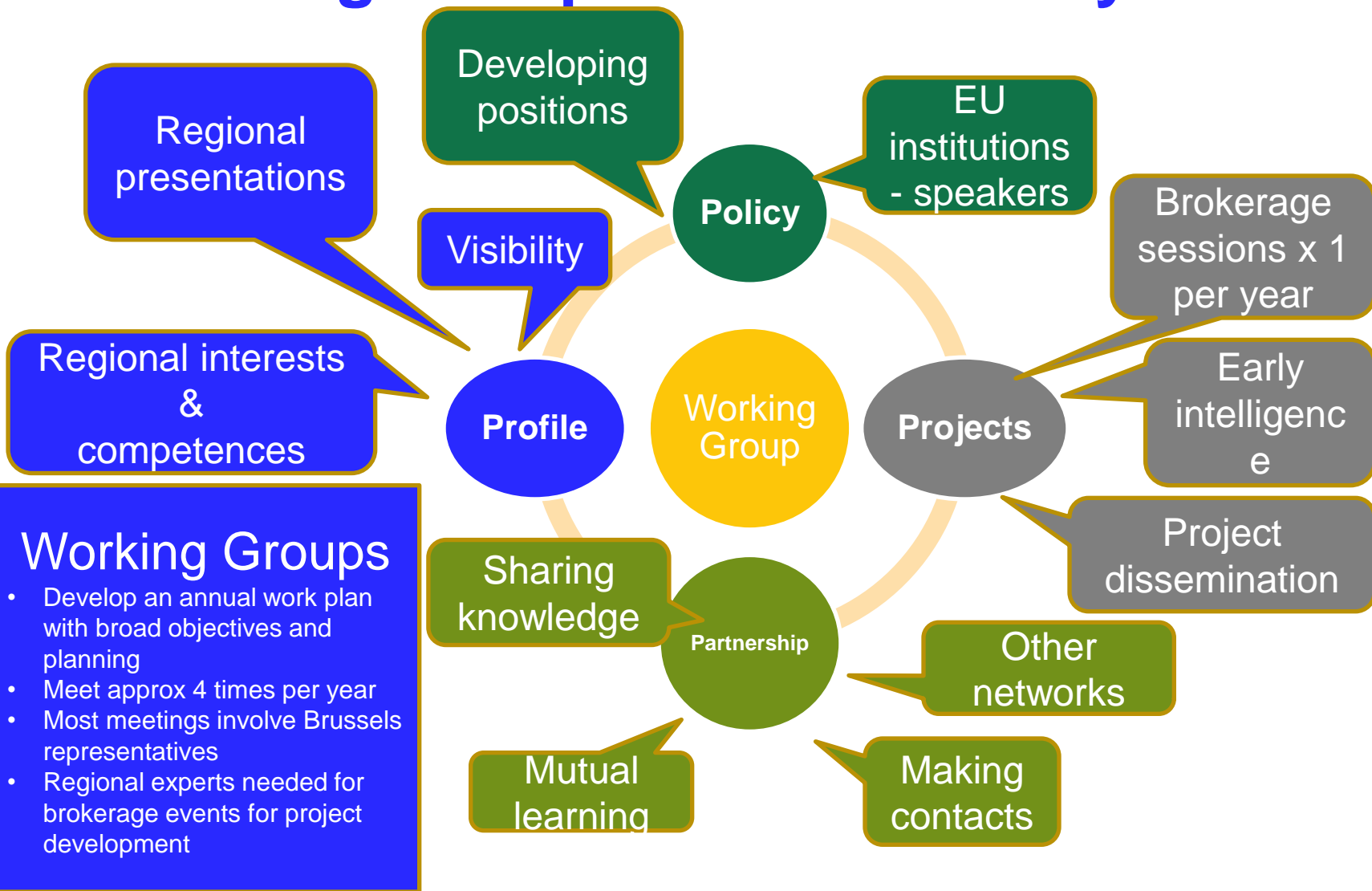
**Supporting project development and
engaging ERRIN regions in EU projects**

**Raising the profile of ERRIN
and member regions in Brussels**

ERRIN Working Groups 2016



Working Groups – what do they do?



ERRIN mapping of Bio-economy regions

- ❑ 24 regions in 11 countries
- ❑ All regions have bio-economy as a S3 priority
- ❑ All regions rate themselves as advanced or less advanced
- ❑ Main aims of regions
 - Create a sustainable economy
 - Attracting investors and exports
 - More jobs
 - Better and new products

ERRIN mapping of Bio-economy regions

□ Main challenges

- Lack of capacity
- Awareness raising
- Lack of research and development especially in new technologies
- Regulation and red tape at EU, national and regional levels
- More EU support to develop regional strategies
- Inappropriate financial instruments
- Logistics

ERRIN mapping of Bio-economy regions

□ Focus areas:

- Food
 - More resilient and efficient food chain
 - Competitive food industry
 - Healthy and safe foods and healthy diets
- Blue Growth
 - Innovation in Blue Growth activities
 - Healthy oceans and seas
 - Strengthening ocean and sea monitoring
- Policies
 - New approaches to governance and policies
 - New value chains
 - Innovation and skills
- Fostering sustainable biomass
 - Building a bio-based market of the future

European Bioeconomy Stakeholder Manifesto

- ❑ **Work in progress being developed with the new Bioeconomy Stakeholder Panel – includes regions...**
 - Sanna Alaranta – West Finland
 - Fabio Boscaleri – Tuscany
 - Jorge Molina – Navarra
 - Maria Hollander - Varmland
- ❑ **Transition to a sustainable and circular economy is inevitable**
 - Challenges and opportunities
 - Guiding principles
 - Actions
- ❑ **‘Regions are key actors in developing a European bioeconomy and bioeconomy can make regions more attractive...Mutual learning between regions is essential and harmonise regional bioeconomy strategies and smart specialisation...’**

Future opportunities

□ Strengthening Smart Specialisation Strategies

- **EDP approach** – business focus, cluster policy, value chains...
- **Territorial development approach** – governance focus, inclusive and spatial thinking, quadruple helix, endogenous growth, attractive cities and regions, balanced development...
- **Grand challenges approach** – solving societal challenges, stronger academic engagement, triple helix, science and society, open innovation...

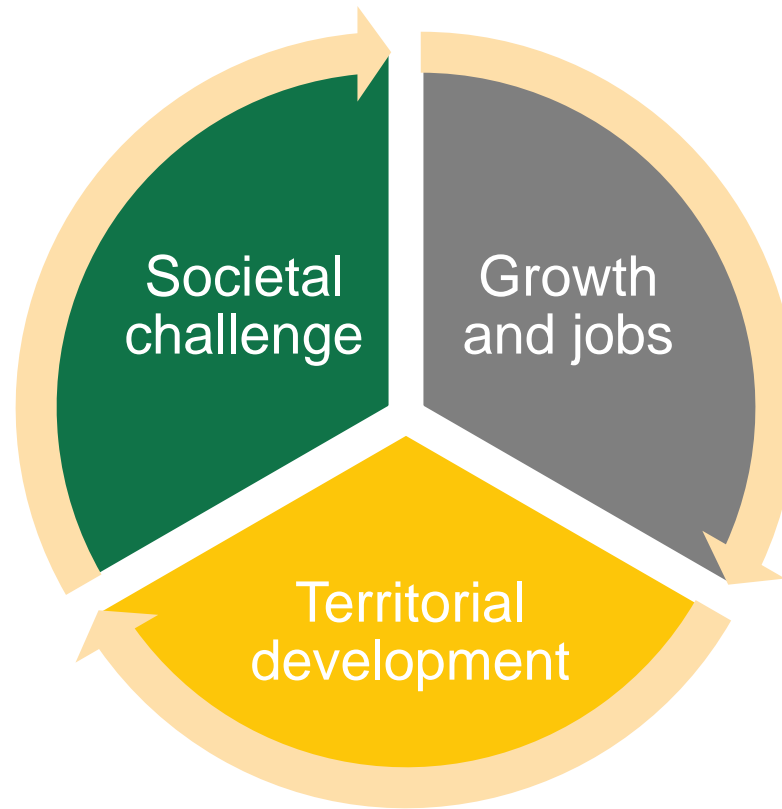
Bioeconomy: holistic approach

Climate change, resource efficiency

...

What role for EU?

Policy...
 Funding support...



Innovation, new products – aquaculture... , support for SMEs...

What roles for regions?

Implementation, impact...

Land use, connectivity, rural policies, skills, Regional attractiveness

Bio-economy: ideas for the future (1)

□ Build in what works well and profile successful bio-economy innovation ecosystems

- Should we copy Active and Healthy Ageing EIP and reference sites?
- Reference Sites must be "ecosystems which comprise different players (including regional and/or local government authorities, cities, hospitals/care organisations, industry, SMEs and/or start-ups, research and innovation organisations and civil society), that jointly implement a comprehensive, innovation-based approach to active and healthy ageing, and can give evidence and concrete illustrations of the impact of such approaches on the ground".

Bio-economy: ideas for the future (2)

- **Strengthen and support ‘frontrunner’ regions – (Markku Markkula – pioneering regions)**
 - The key success factor is a positive attitude towards curiosity, creativity, entrepreneurship and knowledge-sharing based on the principles of open innovation...pioneering regions open new avenues for European success in RIS3 policy develop their collaboration mentality and working culture based on crossing boundaries and creating European partnerships through the help of new digitalised open innovation platforms and processes.

Bio-economy: ideas for the future (3)

More support rural regions to create bio-economy strategies and improve their awareness of value chains and logistics to improve exporting or internal capacities

- Finland and Sweden are the top producers of Nordic bilberries, which end up primarily in China and Japan. From 2001 to 2010, the value of bilberry exports tripled to \$370 million.



OECD Regional Development Working Papers 2013/10

Growth Trends and Characteristics of OECD Rural Regions

Enrique Garcilazo

Bio-economy: ideas for the future (4)

- Improve green and innovative public procurement in bio-economy sector – a ‘sleeping giant of innovation policy’
 - Use innovative public procurement to increase demand and support new markets



Bio-economy: ideas for the future (5)

- **Strengthen interregional cooperation through supported networking**
 - S3 Agri-food Thematic Platform
<http://s3platform.jrc.ec.europa.eu/agri-food>
 - Strengthen Interreg-Europe post-2020 to support networking of regions with bio-economy as a smart specialisation
 - Support the Vanguard Initiative on bio-economy
 - Lodz Declaration of Bioregions
Central and Eastern European Bioregions Forum – macro-regional initiative

Bio-Economy: interregional cooperation on innovative use of non-food biomass

A Vanguard Initiative pilot project

Vision

The Vanguard Initiative Bio-Economy pilot project aims to promote the development of new biobased value chains in Europe, by taking pilot and demonstration activities, thereby creating more critical mass, exploiting complementary assets and accelerating technological developments.

What's in it for me?

The Vanguard Initiative invites all relevant EU actors active in bio-based value chains to connect with actors from other regions to explore how the combination of different strengths can lead to a faster deployment of new technologies. Potential benefits of new interregional partnerships include exploiting complementarities (e.g. mastering different value chain positions, technologies, etc.), pooling scarce R&D&I resources, opening and sharing specialised infrastructure, access to a larger community of end-users, sharing good practices, jointly addressing non-technological issues (e.g. standards), etc.



Image source: Brabantse Ontwikkelings Maatschappij

Democases currently under development

- Biobased aromatics
- Lignocellulose refinery: European value chains for second-generation sugar and lignin

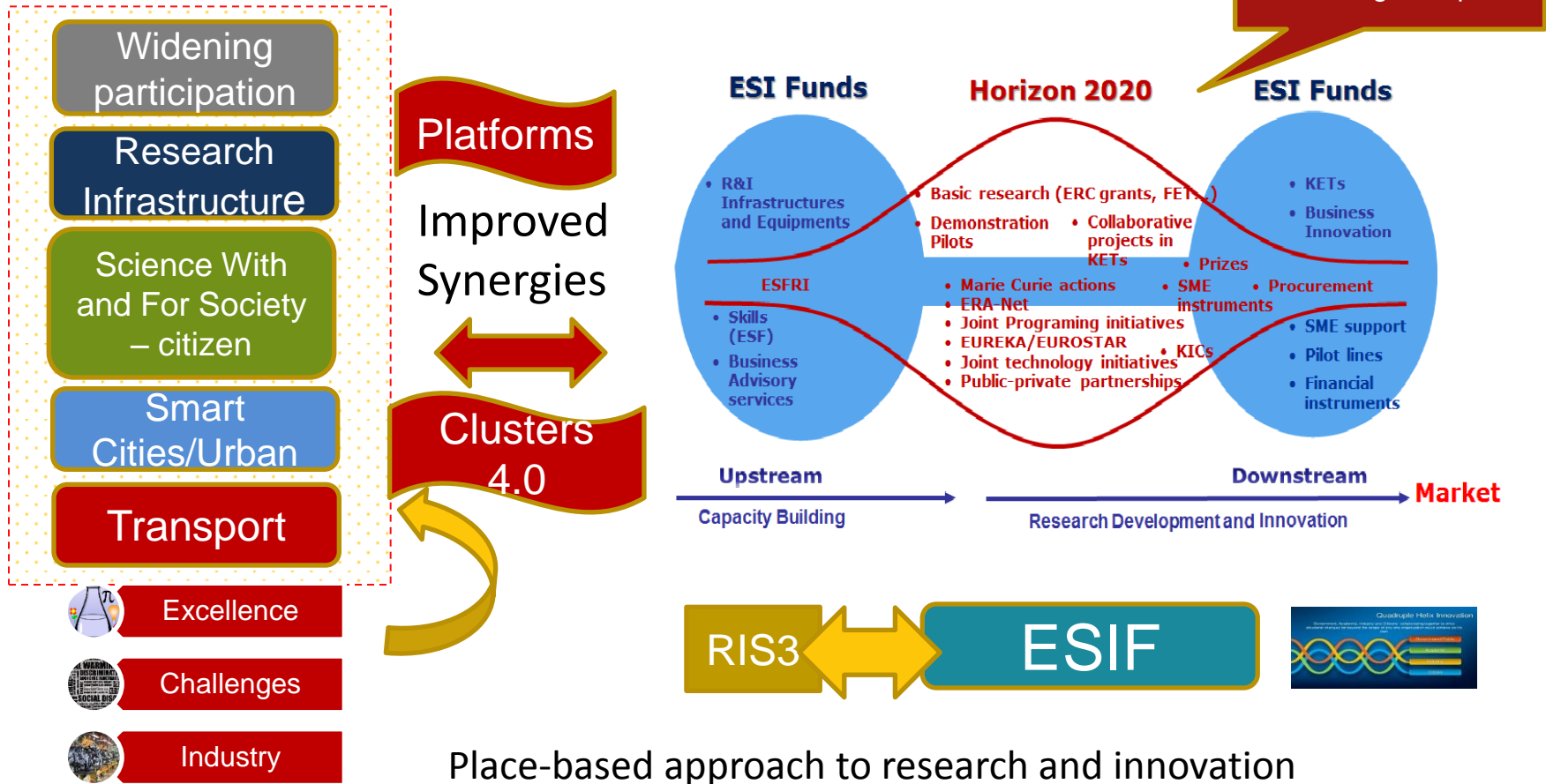
Bio-economy: ideas for the future (6)

- **Strengthen public/private links and engagement in EU programmes and initiatives e.g. Bio-based Industries Joint Undertaking - a €3.7 billion Public-Private Partnership (PPP) between the EU and the Bio-based Industries Consortium (BIC).**
 - The BBI is about bridging key sectors, creating new value chains and producing a range of innovative bio-based products to ultimately form a new bio-based community and economy
 - 8 bioregions from Poland is signing a Lol with BBI on closer cooperation (Pomorskie, Lodzkie, Wielkopolskie, Dolnoslaskie, Malopolskie, Mazowieckie, Opolskie, Lubelskie)



ERRIN has
a MoU with
the BIC

FP9 - Territorial dimension – early thinking

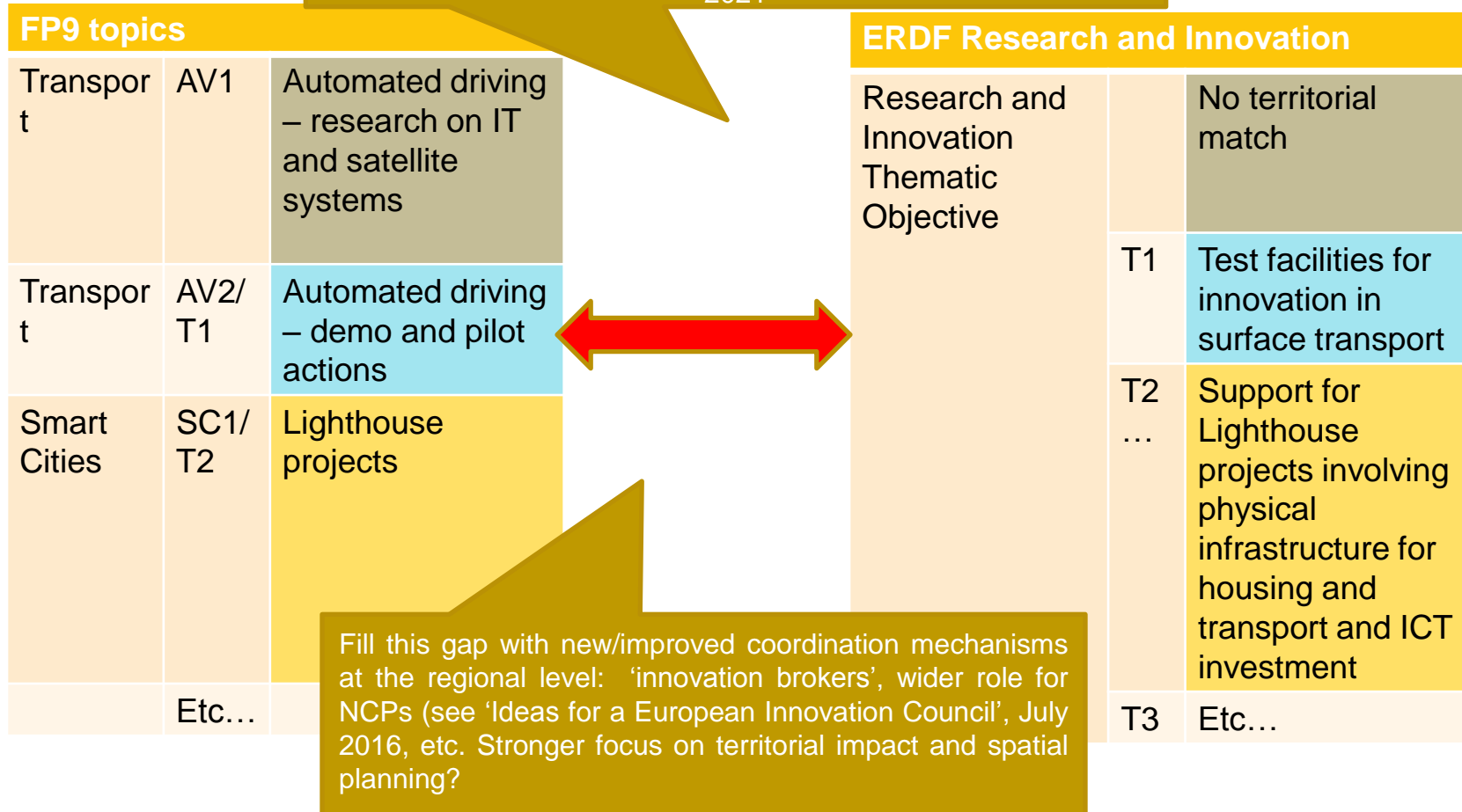


Place-based approach to research and innovation
Building effective research and innovation ecosystems

Synergies means preparing programmes before 2021

Examples

Joined up discussions between DG RTD and DG Regio to exchange information on thematic areas with territorial focus pre-2021





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www.interregeurope.eu/clusters3
<https://twitter.com/CLUSTERS3eu>