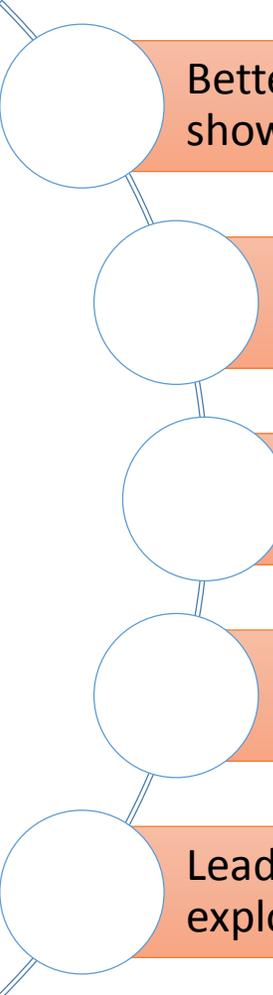


# Smart specialization through people and local products

Kishinev, 05.04.2017

# RIS3 North-East is intended for



Better concentration of resources for developing and focusing the investments of the North-East Region in fields showing competitive advantages and high added-value;

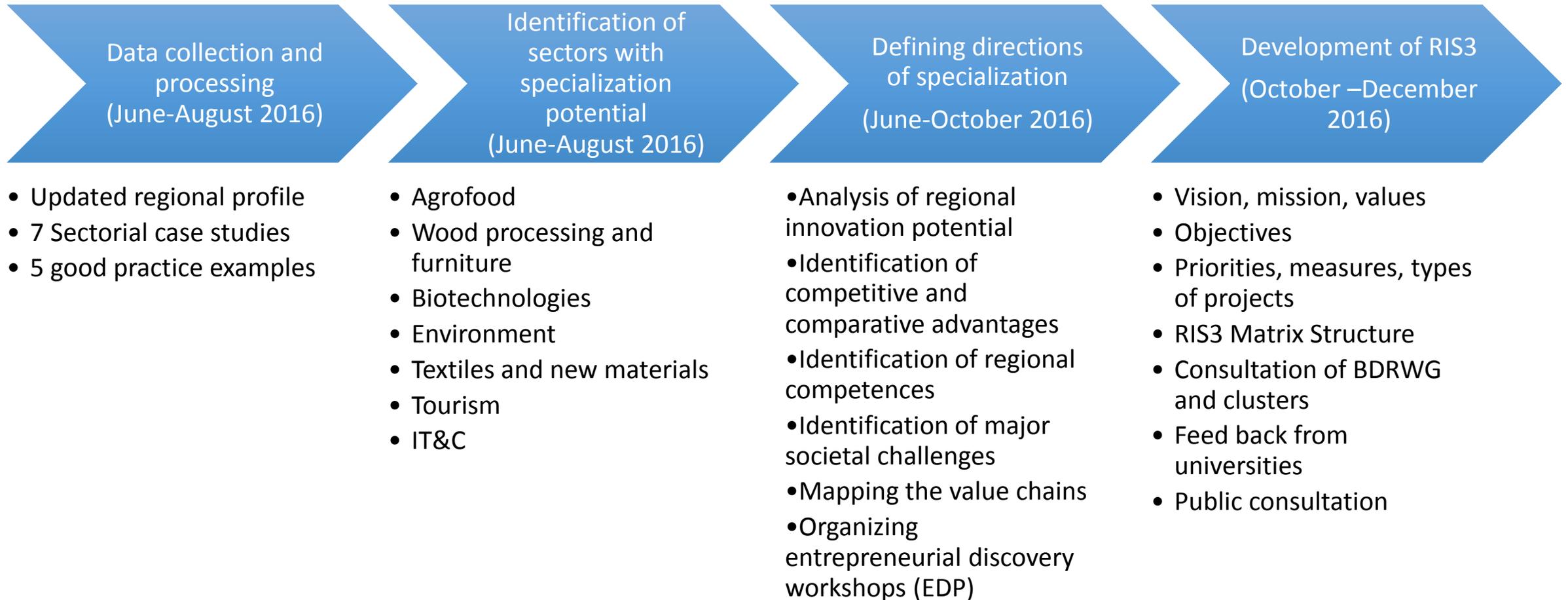
Increasing the share of applied research and its orientation on priority fields through a better collaboration with the regional business environment

Progressive increase of research-innovation funding attracted from private sources

Removing the regional economic system from isolation and propelling it on a trans-regional and international perspective

Leading the financial flow towards maximizing the impact of initiatives aimed at integrating and systematic exploitation of competitive resources (human capital, creativity, clusters, technology transfer, etc.)

# Updating & reviewing RIS3 North-East 2016



# Criteria and steps in selection of RIS3 areas

**Step 1** – identification of economic sectors with specialization potential – simultaneous fulfillment of the following conditions:

- ✓ Existing industrial agglomeration's – territorial concentration and critical mass of companies at regional level
- ✓ Existing regional base of competences in the field – no. of faculties/no. of graduates, doctoral schools/no. of PhD, vocational education, research-development-innovation and technologic transfer entities
- ✓ Existing comparative advantages in the relevant field based on the value of exports of main products groups according to Combined Nomenclator
- ✓ Results of research-development-innovation activity – patents, scientific articles, PhD dissertations, etc.

# Criteria and steps in selection of RIS3 areas

**Step 2** – Completing the sectorial information with the analysis of challenges and opportunities, definition of specialization vision together with the representatives of quadruple helix and identification of specialization fields:

- ✓ Existing associative structures - clusters, networks, etc in the related field
- ✓ Existence of interest and availability of companies and knowledge institutes for initiatives oriented towards smart specialization
- ✓ Good knowledge of the problems the sector faces with and the potential solutions for solving the respective problems
- ✓ Existence of a clear vision on the sector's development perspectives in line with the vision for general economic development of the North-East Region
- ✓ Capacity to identify and valorise sector's competitive advantages in the European, national and regional context
- ✓ Correlation of smart specialization directions with the major societal challenges to be solved in the North-East Region

# Our smart specialization vision

Development vision on 2022 time span (T1):

The North-East Region creates, transfers and puts into practice innovation in a systemic and sustainable manner, with societal benefits mainly in 6 key areas: agrofood, biotechnologies, textiles and new materials, healthy living, IT&C and environment

Target on T1:

Level of expenditures for research and innovation activities reaches 1% of the regional GDP in comparison with T0-2016

# Smart specialization in these fields means

- Sustainable agriculture, healthy and accessible food
- Foodstuff and wood processing industries are based on high added-value products, processes and technologies
- Propagation of economic activities in the field of biotechnologies and new materials
- High technicity textile industry based on natural raw-materials and creativity for products with new properties
- Tourism for a healthy living and respect for traditions
- Domestic IT&C solutions for health, agriculture, industry, tourism, security and education
- Protecting the environment, efficient and sustainable solutions for water, energy and waste

# Horizontal priorities of RIS3 North-East

## Priority 1 – Development of innovation competences amongst younger generations

- 1.1: Synchronizing the training offer of education institutions with the current level of innovation, in smart priority areas
- 1.2. Exchange of pupils, students, master students with innovating companies in priority sectors
- 1.3. Increasing the role of extra-curricular activities in promoting creativity and innovative attitude

### **Target:**

- Increased employment rate of the population aged between 15-24 by 1%, compared with T0
- Increased share of new companies founded by young people under 30 years old, from regional total by 5%, compared to T0

# Horizontal priorities of RIS3 North-East

## Priority 2 – Supporting the innovative companies in the North-East Region

2.1: Support for turning innovative ideas into business ideas

2.2: Commercialization of research results and development of technology transfer services

2.3: Implementation of financial instruments for supporting creation and development of innovative companies in the region

2.4: Direct investments for development of sustainable and inclusive economy

### **Target:**

- Increased number of newly created companies in the region with 25% compared to T0
- Value of Competitive Potential Index (CPI) of the counties in the region are: Iasi – CPI min. 0.2, Suceava, Neamt, Bacau CPI min. 0.1 and Botosani and Vaslui CPI min. 0.05.
- Increased innovation expenditures at regional level by 5%

# Horizontal priorities of RIS3 North-East

## Priority 3 – Supporting clusterization and internationalization initiatives

3.1: Creation and strengthening regional business networks and clusters

3.2: Support for interregional cooperation (S3 platforms – agro food, energy, industrial modernization and European Platform for Textile Technology) and business internationalization

3.3: Attraction of foreign direct investments in smart priority fields

### **Target :**

- Increased number of regional business and cluster networks with 2, compared with T0
- Revealed Comparative Advantage (RCA) indicator, over-unit at T1 for the following groups of products: 20 – Foodstuff made of vegetables, fruits and other parts of the plant; 61-62-63 Knitted, weaved and tailored garments and accessories; 94 – Furniture; 44 – Wood, wood-originated charcoal and wooden products

# Horizontal priorities of RIS3 North-East

## Priority 4 – Technical assistance

4.1: Development of implementation, monitoring and evaluation systems of Smart Specialization Strategy

4.2: Improving the administrative capacity of RIS3 North-East governance structures

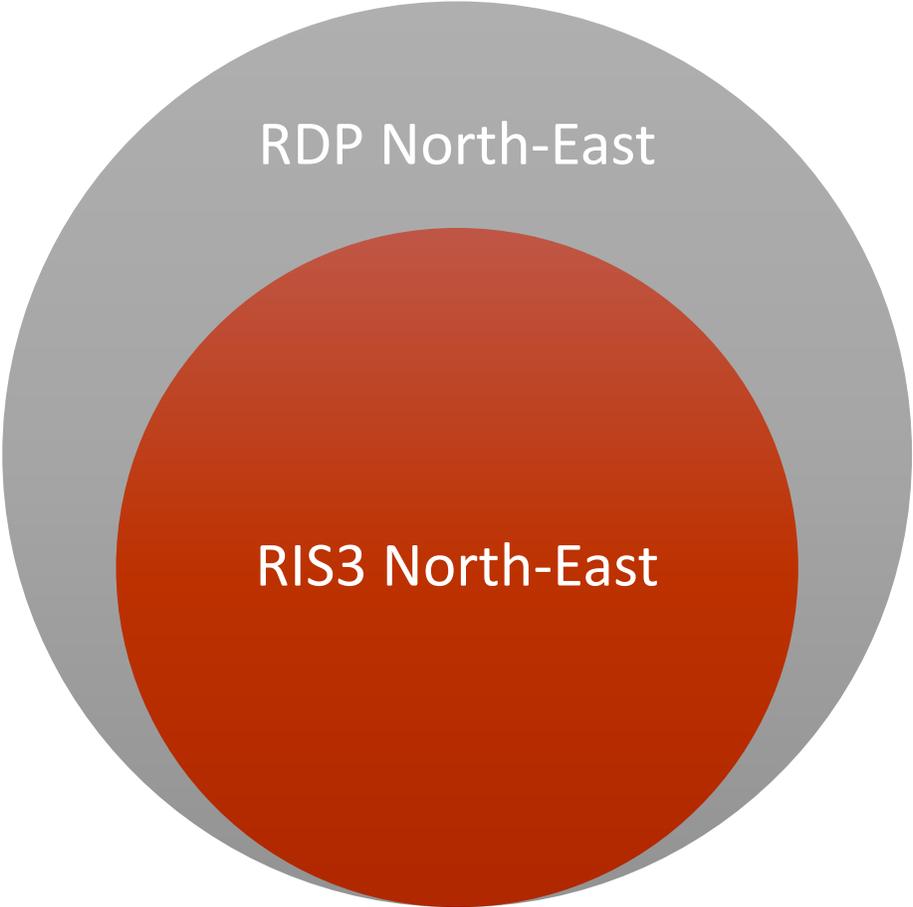
4.3 Development of a continuous entrepreneurial discovery system at regional level

### **Target :**

- Number of projects promoted in line with RIS3
- Total value of non-reimbursable financial assistance committed

# Connection between RIS3 and RDP North-East

Regional development policy



Competitive and innovative development policy

# RIS3 Implementation

Needs and challenges  
(identified within EDP  
meetings)

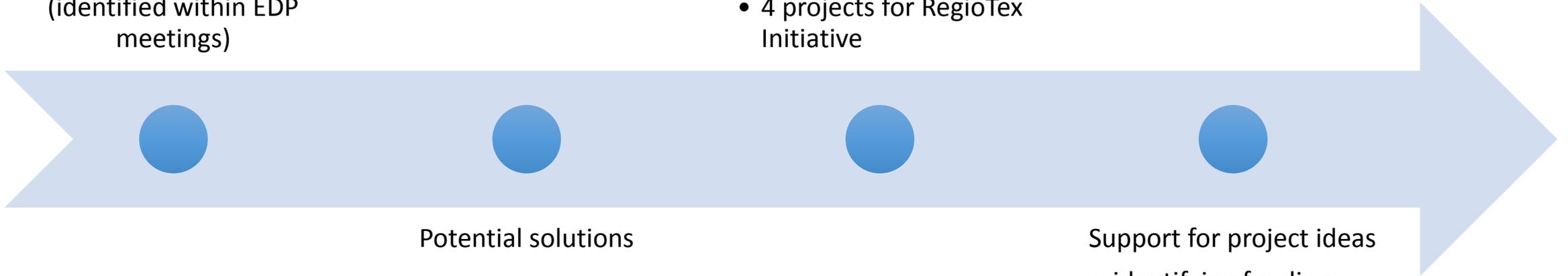
Projects (open call)

- 36 letters of intent for PA1 ROP Promoting TT services(36 mil Euro/region)
- 4 projects for RegioTex Initiative

Potential solutions

Support for project ideas

- identifying funding opportunities
- matching partners
- help desk assistance to prepare application form



# Our governance and implementation structures for RIS3 North-East

- **Regional Innovation Consortia (RIC)** – permanent formal structure, 36 members, quadruple helix
- **Consultative Academic Committee (CAC)** – permanent formal structure, 34 members, representatives of the universities
- **Consultative Financing Committee (CFC)** – formal structure with min 14 members, representatives of MAs/IBs and banks
- **RDA North-East** – Department for Business Support
  - Coordinator for RIS3 process
  - Responsible with universities relation – (1) Regional Marketing Office
  - Responsible with smart specialization areas, implementation reporting and promotion of RIS3 (4+2) – Sectorial Specialization Office
  - Responsible with RDITT relation, help desk support and advice for internationalization – (2) Internationalization Office
  - Responsible with RDA projects on RIS3 - (3) External Cooperation office

# The roles of the North-East RDA

- Chairs and provides technical secretariat for Regional Innovation Committee and its Consultative Committees
- Appoints sectorial specialists for each vertical specialization field of RIS3
- Monitors and evaluates RIS3
- Identifies regional fields showing specialization potential
- Provides mapping of value chains corresponding to RIS3 fields
- Keeps permanent contact with business environment and knowledge institutes (coordination teams of smart fields)
- Supports continuous entrepreneurial discovery process for definition of development solutions and their materialization into viable projects
- Encourages cooperation amongst quadruple helix actors and interregional cooperation
- Maintains connection with European specialization platforms (energy, agrofood, new materials, European Textile Platform)
- Elaborates RIS3 annual implementation reports

# Region North-East

## RIS3 in Lagging regions TA Project

### Launched in February 2016

Improving  
content and  
operationalization of RIS3  
North-East

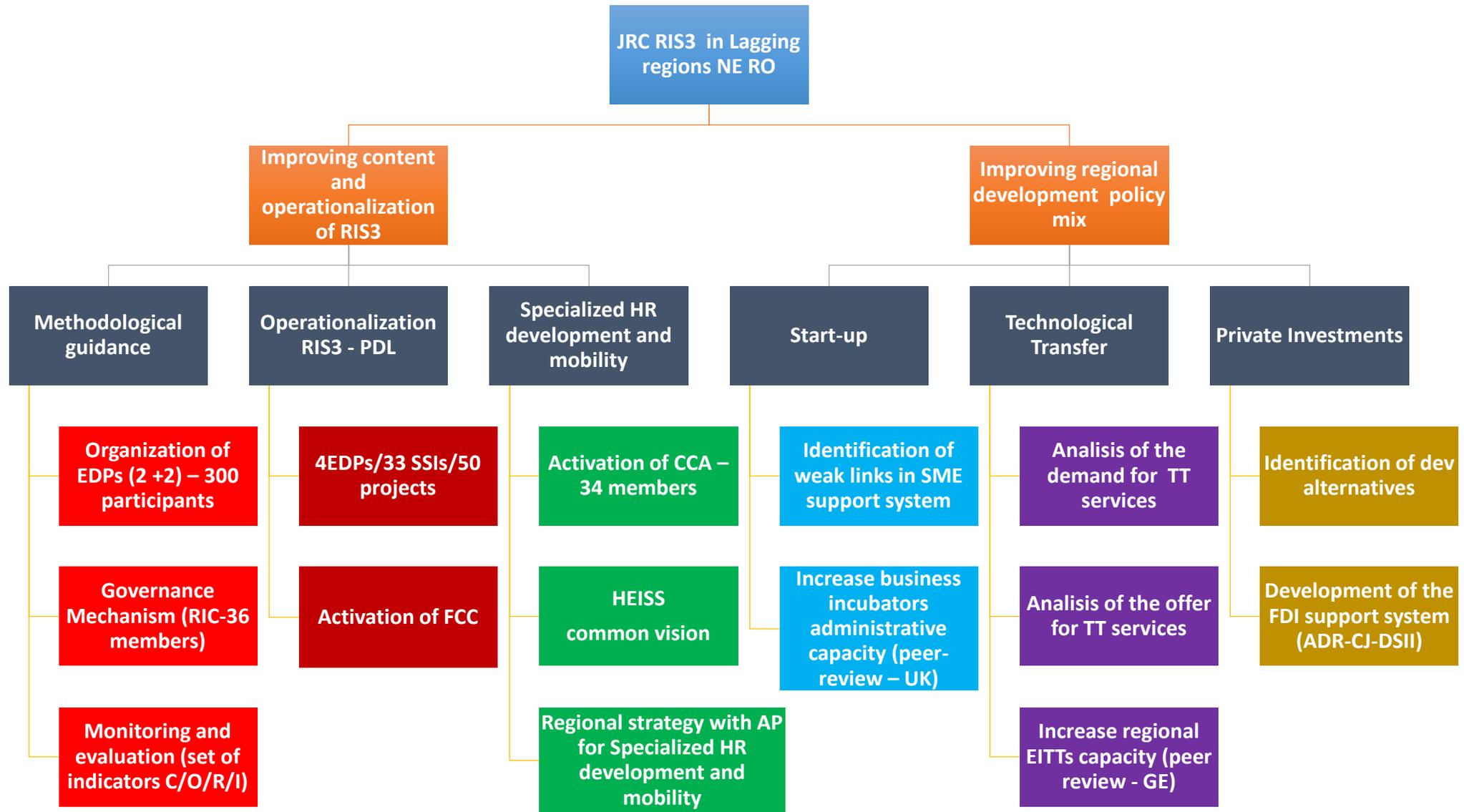
Improving  
regional  
development  
policy mix

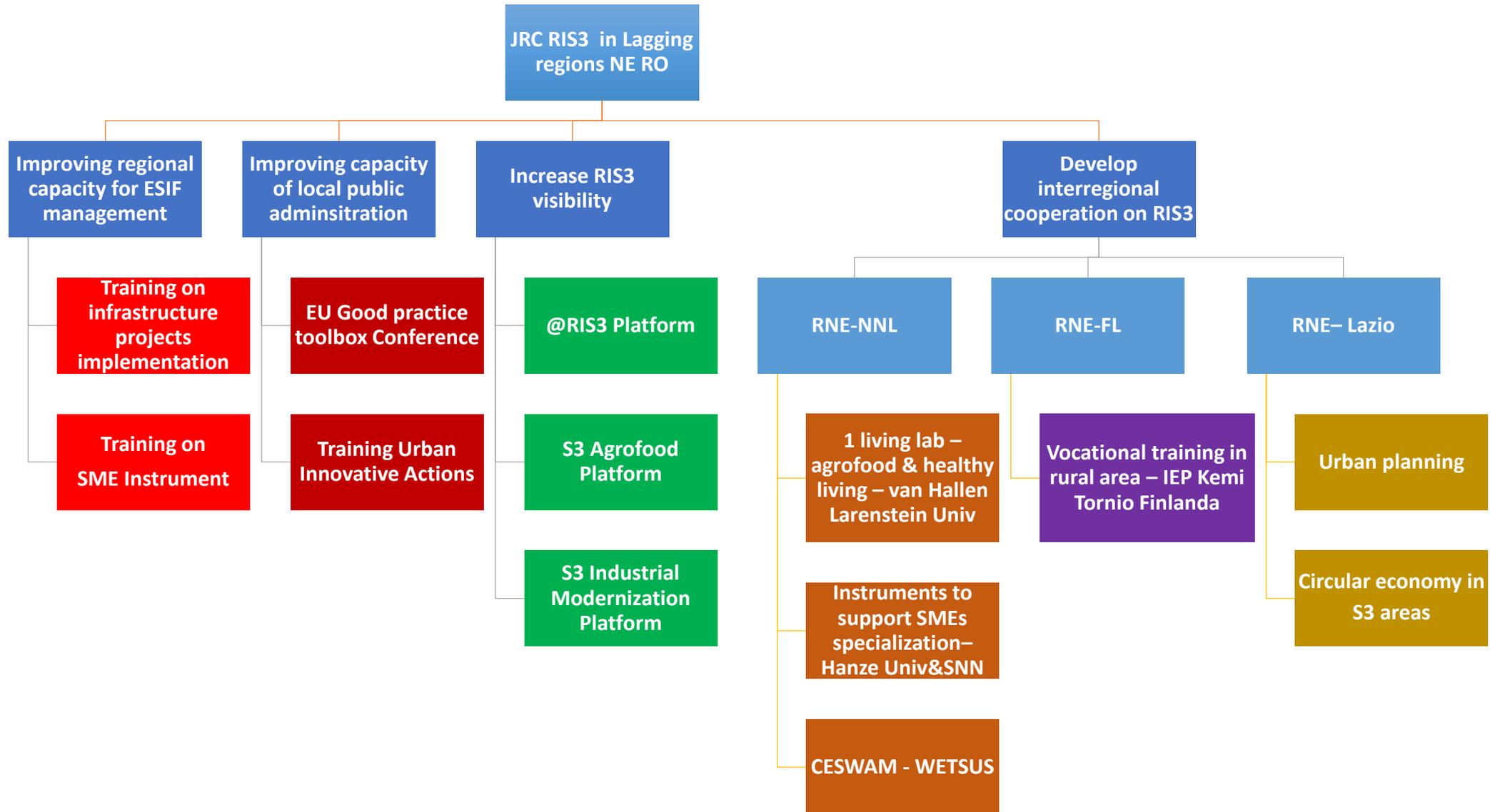
Improving  
regional ESIF  
management  
capacity

Improving local  
public  
administration  
capacity

Increase  
visibility of RIS3  
North-East

Develop  
interregional  
cooperation on  
RIS3





**Thank you for your attention!**

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