

# Exploring collaboration opportunities & synergies between RIS3 and EIT-RIS

European Commission JRC & EIT Climate-KIC

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# Activities under OPIC related to Energy Transitions/Industry 4.0/Adaption to Climate Changes (1)

- TO1=> PA1 „Technological Development and Innovation“ of OPIC:
  - production of basic elements, details and components, part of mechatronic aggregate;
  - machine building and appliance building, incl. parts, components and systems, with focus on transport and energy sector;
  - engineering, re-engineering and prolongation of the life-cycle of industrial machines;
  - installation of renewable energy sources in robotised artificial intelligence systems;
  - establishment of modern information centers for autonomous energy systems;
  - clean tech with focus on transport and energy sector (electric vehicles and eco-mobility, no-pollution technologies, technologies for inclusion of waste products in other production);
  - manufacture of installations for production of clean electricity and industrial water;
  - green economy.

# Activities under OPIC related to Energy Transitions/Industry 4.0/Adaption to Climate Changes (2)

- Innovation Strategy for Smart Specialisation of Bulgaria 2014-2020 – all interventions under PA1 of OPIC should fall within the 4 thematic areas of the strategy - Informatics and ICT, Mechatronics and Clean Technologies, Industry for healthy life and bio-technologies, New technologies in creative and re-creative industries;
- Other funding sources – National Innovation Fund, National Science Fund, EEA and Norway Grants 2014-2021, Horizon 2020;
- Facilitating mechanisms - Thematic working groups, Information campaigns, Annual information event, Regional meetings, Regular sessions of Monitoring Committee, Ad-hoc working meetings;
- Support for MAs – participation in seminars, trainings, study visits focused on other countries good practices.

# Activities under OPIC related to Energy Transitions/Industry 4.0/Adaption to Climate Changes (3)

- TO3 => PA2 “Entrepreneurship and Capacity for Growth of SMEs” of OPIC – upgrade of technologies, environmental management (ISO 14 001, EMAS), priority for resource efficiency projects;
- TO4/TO6 => PA3 “Energy and Resource Efficiency” - energy efficiency in enterprises, institutional support for sustainable energy development, pilot and demonstration initiatives to increase the resource efficiency in enterprises;
- Horizontal impact:
  - MA ensures compliance with the principle of sustainable development on the funding of all operations under OPIC;
  - projects under TO3 in 4 thematic areas of smart specialization are given priority;
  - cross-cutting grant scheme – TO1 and TO6 (innovation and resource efficiency).

# Activities under OPRG related to Energy Transitions/Industry 4.0/Adaption to Climate Changes (4)

## OP “Regions in Growth” 2014-2020 ( OPRG)

- Integrated actions to tackle the economic, environmental, climate, demographic and social challenges affecting urban areas.
  - Target sustainable regional development with the following priorities:
    - increasing the energy efficiency (EE) in the public buildings, housing sector and transport (**TO4**, 31.2% of OPRG);
    - improvement of the urban environment and development of tourism, promotion of cultural heritage sites (**TO6**, 22.1% of OPRG);
    - renovation of the social, health and educational infrastructure (respectively **TO9** - 17.8% and **TO10** - 12.9% of OPRG)
- \*Indicative amount of OP budget to be used for climate change objectives: EUR 429 110 869,60;

# Collaboration with EIT KICs

- **Collaboration possibilities:**
  - training programmes;
  - mobility schemes;
  - study visits;
  - good practices of innovation projects;
  - analysis on priorities/barriers/challenges of regions;
  - direct dialogue between cities, regions, national and European institutions.

# Critical Success Factors

- **Success factors for effective collaboration:**

- strong, long-lasting partnerships;
- effective ecosystem;
- knowledge sharing;

- **support needed to approve performance:**

- synergy and complementarity between funding instruments on national and European level – practical aspects;
- procurement issues;
- tools that guide through the different funding possibilities.