The European Commission’s science and knowledge service

Joint Research Centre
SMART SPECIALISATION FOR INNOVATION-LED SUSTAINABLE TERRITORIAL DEVELOPMENT

Fernando HERVAS
Deputy Head of Unit B3. Territorial Development

Kigali, Rwanda, 9 January 2020
Smart Specialisation: knowledge-based economic transformation agendas. STI roadmaps for sustainable development?

**SMART SPECIALISATION**

- Place-based STI policies
- Evidence-informed analysis
- Stakeholders' dialogue
- No "one size fits all" transformative agenda

**STI Roadmap for Sustainable Development**

- Localisation
- Prioritisation
- Mobilisation
- Customisation

Holistic and place-based STI policies powered by evidence, stakeholder dialogue, and no "one size fits all" approach.
Smart specialisation as a transformative process

- Opportunities to move up the value chains
- Economic potential
- Societal challenges
- Niches to compete on international markets
- Innovative potential
- Scientific potential
- Look at the potentials and opportunities present in a territory
- Consider the resources you have
- Adding value to existing activities
- Create new solutions
Key requirements:

National or subnational research and innovation strategy is in place with the following elements:

Step 1 – Analysis of regional context/potential
Step 2 – Governance
Step 3 – Vision for the future
Step 4 – Selection of priorities
Step 5 – Policy mix
Step 6 – Monitoring and evaluation

Available on the S3 Platform webpage http://s3platform.jrc.ec.europa.eu
Outreach

**EU:** 120 strategies, 68 bln euro 2014-2020

**EU Neighbourhood:** 12 countries in the process, Financing based on the results of the process

**Worldwide:** 9 countries, Soft support

Logo: S3 from Hunter, Australia
The JRC, partner for the Global “STI for SDGs roadmap” Initiative

United Nations → UN Inter-Agency Task Team (IATT) → STI Forum → UN Guidebook on STI roadmaps for the achievement of SDGs → High Level Political Forum

G20 → STI Forum → Guiding Principles for the Development of STI Roadmaps for SDGs → Global Pilot Programme

JRC

Background Paper on comparison of international methodologies, including smart specialisation

Smart Specialisation in the European Union (EU)

https://s3platform.jrc.ec.europa.eu/home

- More than **130 national and sub-national/regional Smart Specialisation Strategies** since 2010s
- Above **40 billion Euro allocated**
  + > **100,000 R&D&I projects**
## Smart Specialisation in Africa: current cooperation and scientific works

<table>
<thead>
<tr>
<th>SMART SPECIALISATION PILOT TUNISIA</th>
<th>SMART SPECIALISATION POLICY DIALOGUE SOUTH AFRICA</th>
<th>SMART SPECIALISATION IN INNOVATIVE &amp; INFORMAL AFRICAN ECONOMIES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frame</strong>: EU Southern partnerships</td>
<td><strong>Frame</strong>: EU-South Africa bilateral dialogue</td>
<td><strong>Exploratory Science-for-policy activity</strong> under the JRC Exploratory Research Progr.</td>
</tr>
<tr>
<td>Smart Specialisation in 3 pilots regions of Tunisia</td>
<td><strong>EU’s JRC → Policy dialogue with the Dept. of S&amp;T of South Africa and the Gauteng City &amp; Regions Observatory</strong></td>
<td>- Knowledge exchanges &amp; Mutual learning with Rwanda’s institutions</td>
</tr>
<tr>
<td>European Union’s JRC → Technical Support with Official Agreement</td>
<td></td>
<td>- Scientific cooperation and analytical studies on Côte d’Ivoire and Nigeria</td>
</tr>
</tbody>
</table>
THANK YOU FOR YOUR ATTENTION

Fernando.HERVAS@ec.europa.eu

http://s3platform.jrc.ec.europa.eu

@S3Platform