North-East Region of Romania

18.02.2016
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RIS3 development framework

North-East Region
S3 was elaborated
during 2013-2014
under North-East RDA
coordination (project
financed under
Operational Program
Technical Assistance
2007-2013)

Main activities:

Analysis of the regional
context

Analysis of the regional
innovation potential

Identification of the
potential smart
specialization sectors

Identification of the main
barriers and solutions for
sector development

Definition of the vision on
the region's economic
specialised development

Establishment of the
strategy priorities
RIS3 development framework

- Agro food
- Building materials and utilities
- Textiles
- Tourism
- ITC
- Medicine

Thematic WG

Clusters
- Agro food
- Textile
- Tourism
- ITC
- Biotech and imagistic medicine

Regional Working Group for Business Support

- enterprises,
- business support infrastructures

Regional Development Board

- Local public authorities
  (provinces, municipalities and communes)
Strategic vision of our RIS3

North-East Region creates, transfers and implements innovation in a systemic manner, mainly in 4 key sectors:

- agro food
- textiles & clothing
- IT&C
- biotechnologies

These fields of smart specialization:

- transform local resources in products with high added value,
- have catalyst and multiplication effects towards other branches of the regional economy,
- are highly competitive at global level,
- ensure regional economy’s sustainable effect.
Our RIS3 Main objectives

- Foster region’s economic competitiveness
- Move from resource-based competitiveness to the innovation-based competitiveness
- Promote economic and innovation system from a trans-regional and international perspective
- Identify regional strategic projects which can integrate and exploit the competitive resources of the region
Our RIS3 priorities

P 1: Developing innovation competences for future generations

P 2: Supporting innovative enterprises within the region

P 3: Supporting existing and emerging cluster initiatives, as support for the development of the regional innovation system

P 4: Technical assistance
Our sectorial fields of specialization:

**Agro food:**
- bio products, 
- ingredients for bakery industry, 
- agro mecatronics, 
- biomass

**Biotechnologies:**
- bio fertilizers, 
- biodiesel, 
- microfibers, 
- medicines from bio synthesis, 
- bionic hand, 
- clinical studies

**Clothing and textile:**
- fast-fashion, 
- design and creativity, 
- accessories

**TIC:**
- niche specialization, 
- creative industries, 
- networks of the future, 
- internet services, 
- software, 
- integrated systems design, 
- personal and health systems, 
- accessible TIC
Our self-assessment

Source: S3 Platform/EURADA
RIS3 North-East state of play - 2016

RIS3 included in RDP North-East 2014-2020 (approved in Dec 2014)

RIS3 correlated with NSC in the following national fields with competitive potential: ITC, tourism, textile, wood & furniture, agro food, biotechnologies

RIS3 correlated with NSRDI 2020 in the following S2 national sectors: bio economy, ITC, eco-nano-technologies and advanced materials
RIS3 North-East state of play

- **ROP**: PA 1 and PA 2 (innovation and SMEs support)
- **OPHC 2020 supports**: bio economy, ITC, eco-nano and advanced materials, sectors with competitive potential tourism, wood and furniture
- **COP 2020 supports**: bio economy, ITC, eco-nano and advanced materials
- **JOP RO-UA, PA1.2**: support for innovation and research – BT and SV eligible provinces
- **JOP RO-MO**: PA1.2 (support for research and innovation - Botoșani, Iași, Vaslui, eligible provinces plus Suceava, Piatra Neamț and Bacau major urban centers
- **INTERREG 2020, PA1 Strengthening research, technological development and innovation**
- **Danube 2020, PA1 Innovative and socially responsible Danube region**
- **Horizon 2020**
# State of play - innovative projects in North-East Romania

**InforEuro februarie 2016 4.54**

<table>
<thead>
<tr>
<th>Program</th>
<th>Nr. Proiecte</th>
<th>Valoare asistenta nerambursabila contractata (LEI)</th>
<th>Valoare asistenta nerambursabila contractata (Euro)</th>
<th>Nr. Proiecte</th>
<th>Valoare asistenta nerambursabila contractata (LEI)</th>
<th>Valoare asistenta nerambursabila contractata (Euro)</th>
<th>Crestere nr. proiecte (%)</th>
<th>Crestere sume atrase (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POS CCE (Axele 1, 2, 3)</td>
<td>278</td>
<td>503,730,779.54</td>
<td>110,953,916.20</td>
<td>586</td>
<td>861,937,563.50</td>
<td>189,854,088.88</td>
<td>110.79%</td>
<td>71.11%</td>
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<tr>
<td>POS DRU</td>
<td>276</td>
<td>1,150,946,047.03</td>
<td>253,512,345.16</td>
<td>365</td>
<td>2,242,818,707.68</td>
<td>494,012,931.21</td>
<td>32.25%</td>
<td>94.87%</td>
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<tr>
<td>POR 2007-2013 (Axa 4)</td>
<td>252</td>
<td>279,882,421.37</td>
<td>61,648,110.43</td>
<td>327</td>
<td>366,723,604.96</td>
<td>80,776,124.44</td>
<td>29.76%</td>
<td>31.03%</td>
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<tr>
<td>DMI 4.1</td>
<td>7</td>
<td>130,098,471.39</td>
<td>28,656,050.97</td>
<td>17</td>
<td>167,736,174.27</td>
<td>36,946,293.89</td>
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<tr>
<td>DMI 4.3</td>
<td>245</td>
<td>149,783,949.98</td>
<td>32,992,059.47</td>
<td>310</td>
<td>198,987,430.69</td>
<td>43,829,830.55</td>
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<tr>
<td>SEE (inovare)</td>
<td>5</td>
<td>31,349,462.72</td>
<td>6,905,168.00</td>
<td>6</td>
<td>39,247,546.36</td>
<td>8,644,834.00</td>
<td>20.00%</td>
<td>25.19%</td>
</tr>
<tr>
<td>INTERREG IVC (inovare)</td>
<td>4</td>
<td>6,308,834.53</td>
<td>1,420,748.68</td>
<td>4</td>
<td>6,308,834.53</td>
<td>1,420,748.68</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>PNCDI (PN II, Capacitati / Granturi ptr Cercetare 2008 in continuare)</td>
<td>6</td>
<td>7,641,000.00</td>
<td>1,683,039.65</td>
<td>206</td>
<td>18,418,674.25</td>
<td>4,056,976.71</td>
<td>3333.33%</td>
<td>141.05%</td>
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<tr>
<td>Total (programe marcate cu galben)</td>
<td>821</td>
<td>436,123,328.12</td>
<td>1,494</td>
<td>1,494</td>
<td>778,765,703.91</td>
<td>81.97%</td>
<td>78.57%</td>
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La 1 octombrie 2013 La 16 februarie 2016
## RIS3 North-East state of play

<table>
<thead>
<tr>
<th>Sector</th>
<th>No proposed projects</th>
<th>Total value proposed (Euro)</th>
<th>No implemented projects</th>
<th>Total value attracted (Euro)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Textiles</td>
<td>8</td>
<td>2.756.800</td>
<td>3</td>
<td>964.836</td>
</tr>
<tr>
<td>Biotechnologies</td>
<td>5</td>
<td>26.143.500</td>
<td>3</td>
<td>18.106.413</td>
</tr>
<tr>
<td>IT&amp;C</td>
<td>5</td>
<td>16.438.000</td>
<td>1</td>
<td>732.445</td>
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<tr>
<td>Agrofood</td>
<td>9</td>
<td>25.270.000</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>27 projects</td>
<td>70.608.300*</td>
<td>7</td>
<td>19.803.694</td>
</tr>
</tbody>
</table>

### Financing sources proposed:
- 55.166.800 Euro = SOP IEC 2007-2013 si COP 2014-2020
- 12.298.000 Euro = HCOP 2014-2020
- 3.000.000 Euro = NPRD 2014-2020
- 143.500 Euro = NIP II (state budget)

### Financing sources attracted:
- 19.670.361 Euro = SOP IEC 2007-2013 (PA 1 and 2)
- 133.333 Euro = NIP II (state budget)
Technological transfer = 175.53 mil.Euro

SMEs Competitiveness = 744.68 mil.Euro

Energy efficiency 2,003.38 mil.Euro

Urban development = 1,178.83 mil.Euro

Cultural patrimony = 394.49 mil.Euro

Road infrastructure = 907.45 mil.Euro

Tourism = 101.06 mil.Euro

Health and social infrastructure = 425.53 mil.Euro

Disadvantaged communities = 95.75 mil.Euro

Education infrastructure = 296.7 mil.Euro

Cadaster = 265.96 mil.Euro

Technical assistance = 110.64 mil.Euro

ROP 2014-2020
Indicative financial allocation
EFDR Total 6,700 mil. Euro
Objectives RIS3 Support to lagging regions

1. Enhance regional capacity to improve content and monitor RIS3
2. Optimize the entrepreneurial discovery process, based on defined regional value chains and propose sustainable mechanisms for RIS3 NE projects’ identification and development
3. Assess the demand for the ITT services in the region and propose a roadmap for increasing the capacity and efficiency of the existing ITT structures
4. Propose and test mechanisms for improving linkages between academia and industry
5. Identify barriers in the full exploitation of the NE economic advantage and in innovation potential (legal, administrative and technical) – define the RIS3 development model for NE
6. Identify relevant regional national and EU partners that can be involved to address these barriers
Thank you for your attention!

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