

CLUSTERs – drivers of innovation ecosystems



An initiative of the European Union

CLUSTERS MEET REGIONS

CLUSTERS AS DRIVERS OF REGIONAL
INNOVATION ECO-SYSTEMS

IASI | 21-23
ROMANIA | NOVEMBER 2023

#SingleMarket30

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EU

At a glance



- *12 years of activity as a representative body of Romanian clusters and the main platform of cooperation*
- *49 of the most active clusters in the fields of textiles, wood and furniture, electronics and software, machine building, micro-nano-technologies, agro-food, healthcare, creative and cultural sectors, sustainable constructions, energy, electrical engineering, ICT, production engineering, automotive, smart technologies, tourism*
- *6 regional and 6 thematic consortia (Textiles, Wood & Furniture, Agri-Food, ICT, Health, Bio-agriculture)*
- *7 EDIHs created around the regional cluster consortia*
- *More than 2000 SMEs with 189.000 employees, 9 billion EUR turnover and 1 billion EUR exports (2020)*
- *Founding member of European Cluster Alliance and EUCLES*



Services

- *Information and Support to cluster generation*
- *and development*
- *Training for clusters and SMEs*
- *Monitoring and assessment of cluster competitiveness*
- *Benchmarking analyses and competence mapping in view of cross-sectoral cluster networks*
- *Business and Technology Audits for cluster members*
- *Innovation and internationalization for cluster SMEs*
- *Lobby and Consultancy (strategies, business plan, investment etc.)*
- *Exchange of best practices with other cluster associations from EU Member States*
- *Organisation of inward and outward company missions and brokerage events in collaboration with EEN; Matchmaking*
- *Organization of annual Cluster Conferences etc.*



EUCLES

European Clusters Excellence
Labelling Structure



EUROPEAN
CLUSTERS ALLIANCE



Clustero



Business Support on Your Doorstep



**EUROPEAN CLUSTER
COLLABORATION PLATFORM**

Cluster Excellence



80 Cluster initiatives recorded by the Ministry of Economy

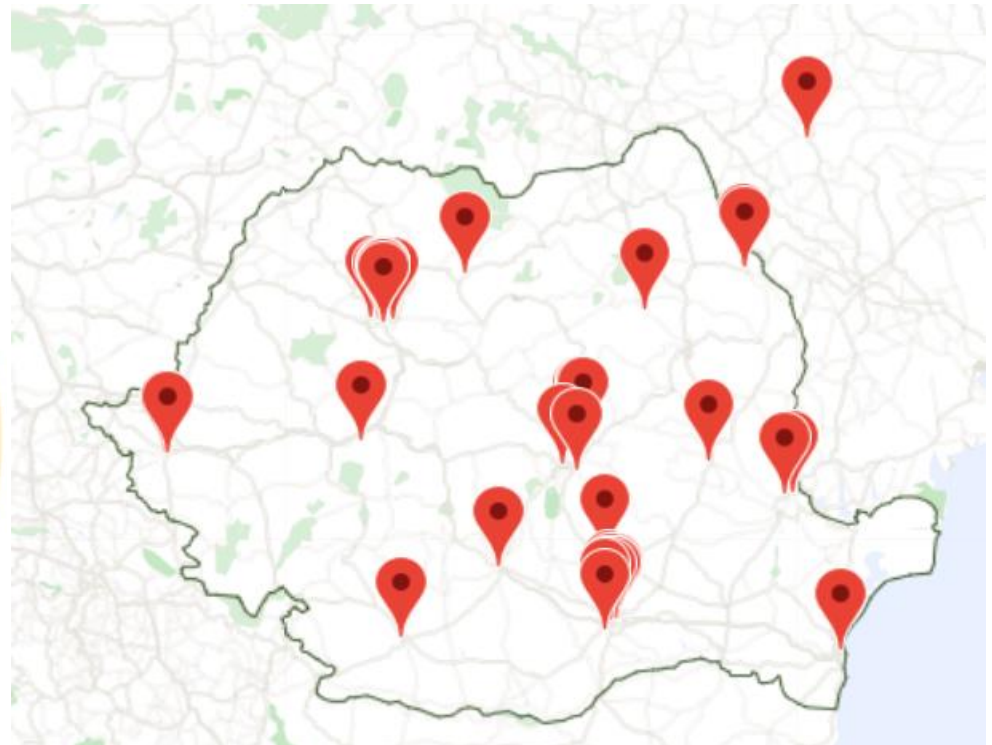
49 CLUSTERO members

42

11



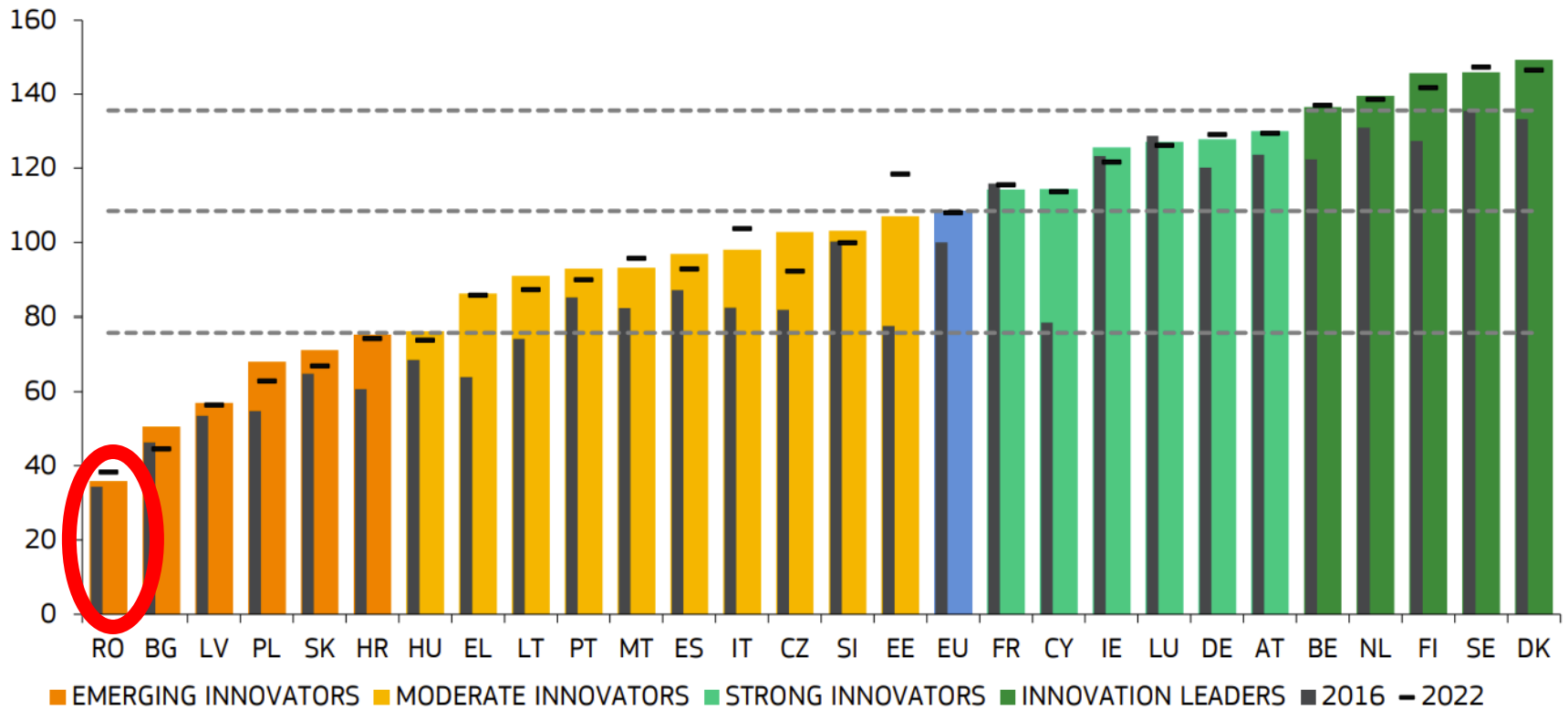
7



Innovation



Figure 1: Performance of EU Member States' innovation systems



Value Chains



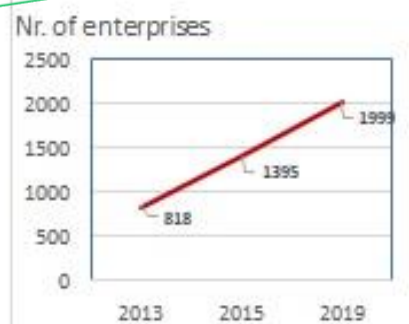
	CDI	Proiectare	Furnizori (Produce intermediare)	Producție / Servicii (finale)	Distribuție	Marketing	Mentenanță
Agrofood							
Automotive							
Bioeconomie							
Energie și mediu							
ICT							
Industrii creative							
Lemn și mobilă							
Sănătate și farmaceutice							
Textile și pielărie							
Turism și ecoturism							

Tabel 2 Situația lanțurilor industriale integrate cu potențial competitiv în contextul specializării inteligente,

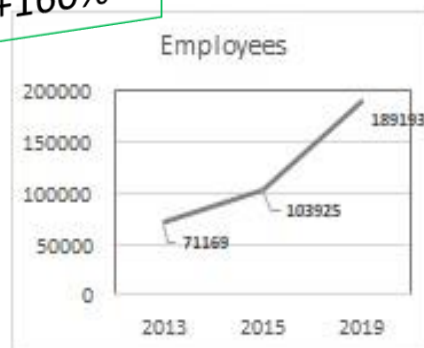
Clusters against the trend



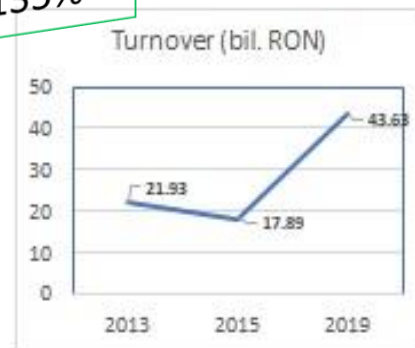
+150%



+160%



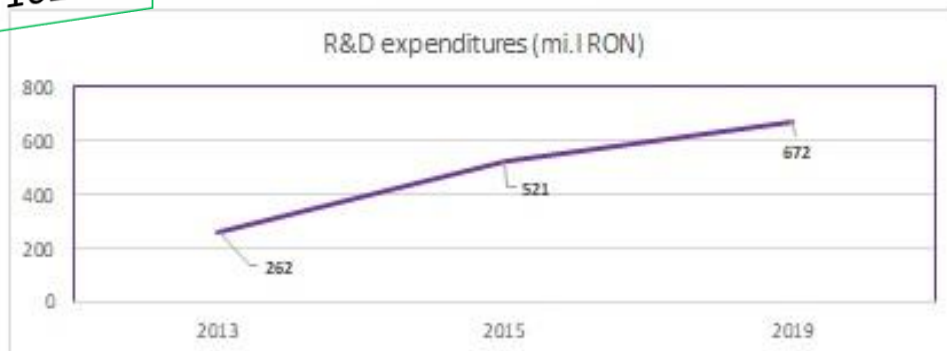
+135%



+40%



+162%



Clusters lengthening the value chain



ASTRICO NORD EST is an industrial group specialised in producing different types of yarns and knitted garments, located in the North-Eastern Development region of Romania. The leader of the group, RIFIL SA Savinesti, is the most important manufacturer of acrylic yarns in the European Union.

Astrico Nord-Est has developed a collaborative marketing-sales system by setting up a trading company, owned by the members of the cluster. Through this system, the group companies benefit from services such as: marketing, design, prototyping, technical assistance, logistic and financial services.

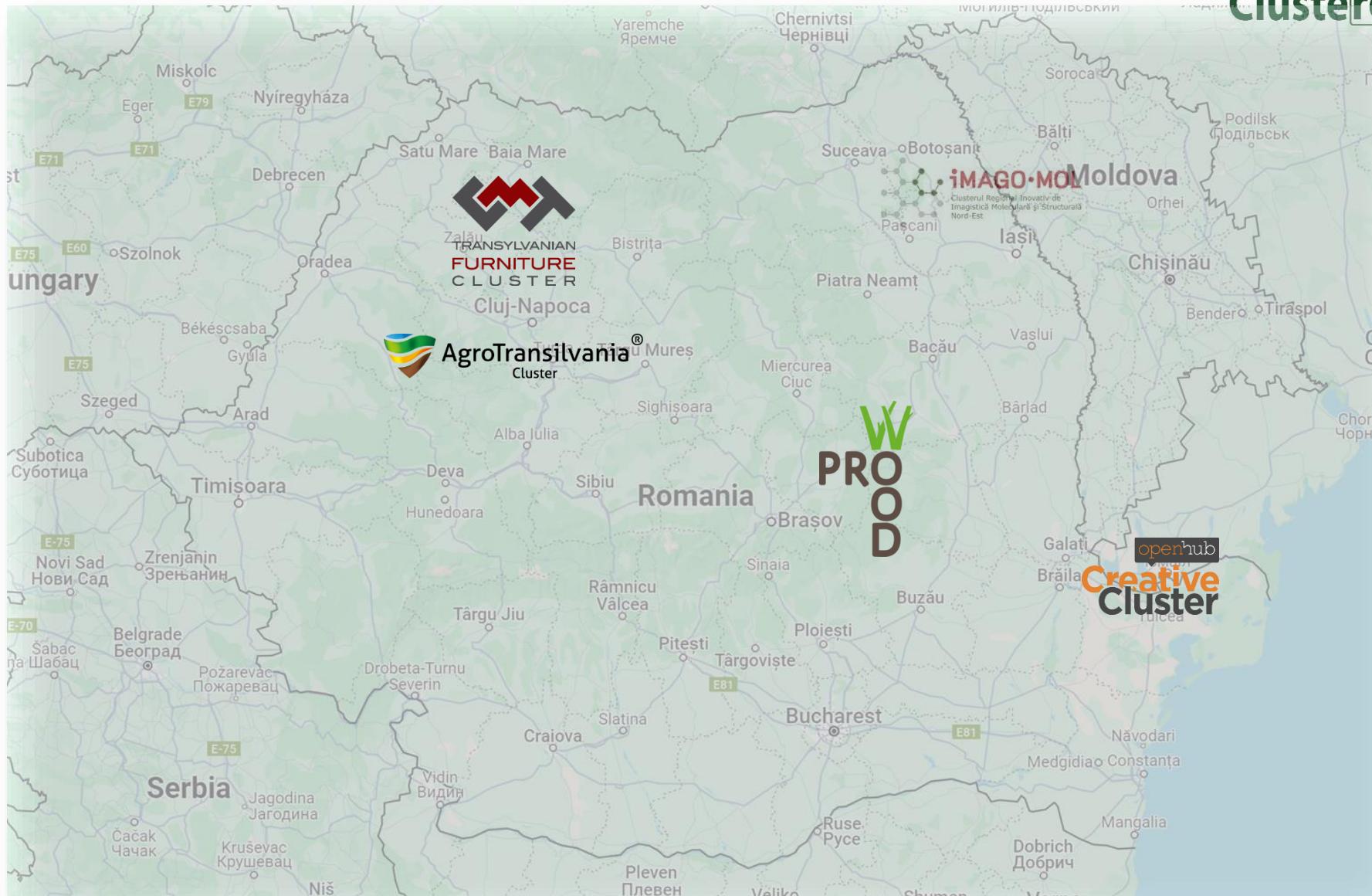


In 2013, ASTRICO NORD-EST founded its own facility of sampling and collection creation, with the assistance of the knitting machine manufacturer SHIMA –SEIKI. The capacity is equipped with the latest technologies on knitting industry (computer graphic design systems, newest generation of flat knitting machines, sewing machines, complete system for professional washing, drying and ironing).

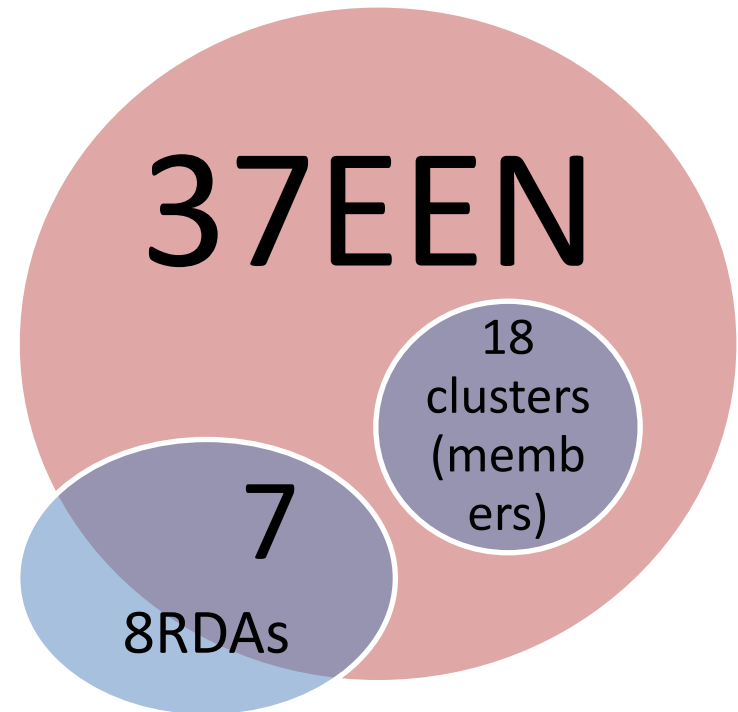
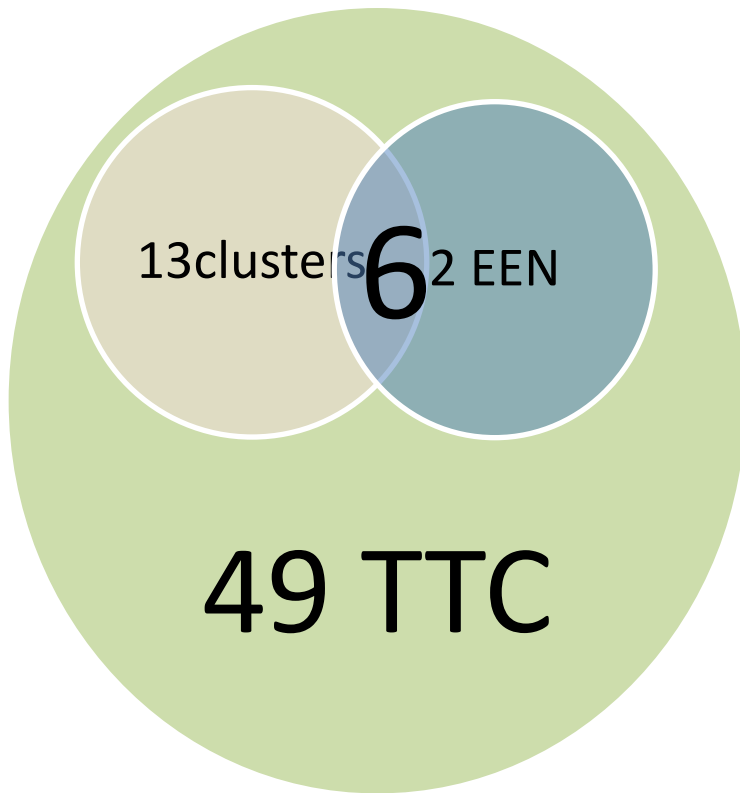
Clusters foster business driven innovation



ERDF R&D Projects



Integration of clusters in the regional innovation ecosystems



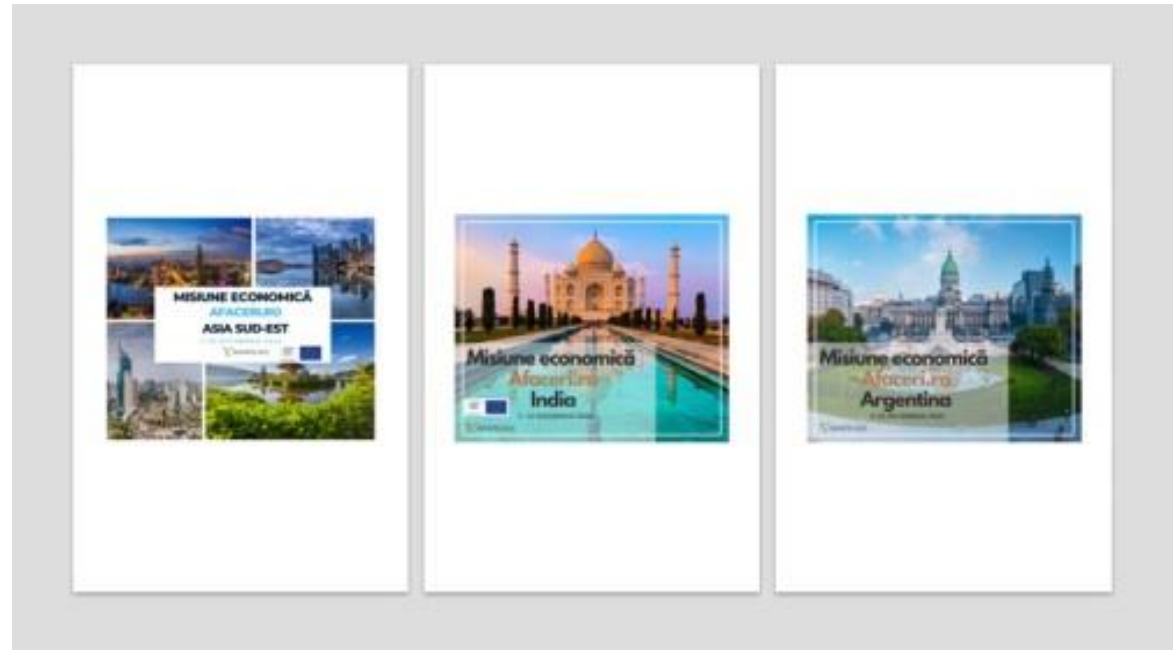
Clusters and internationalization Company Missions



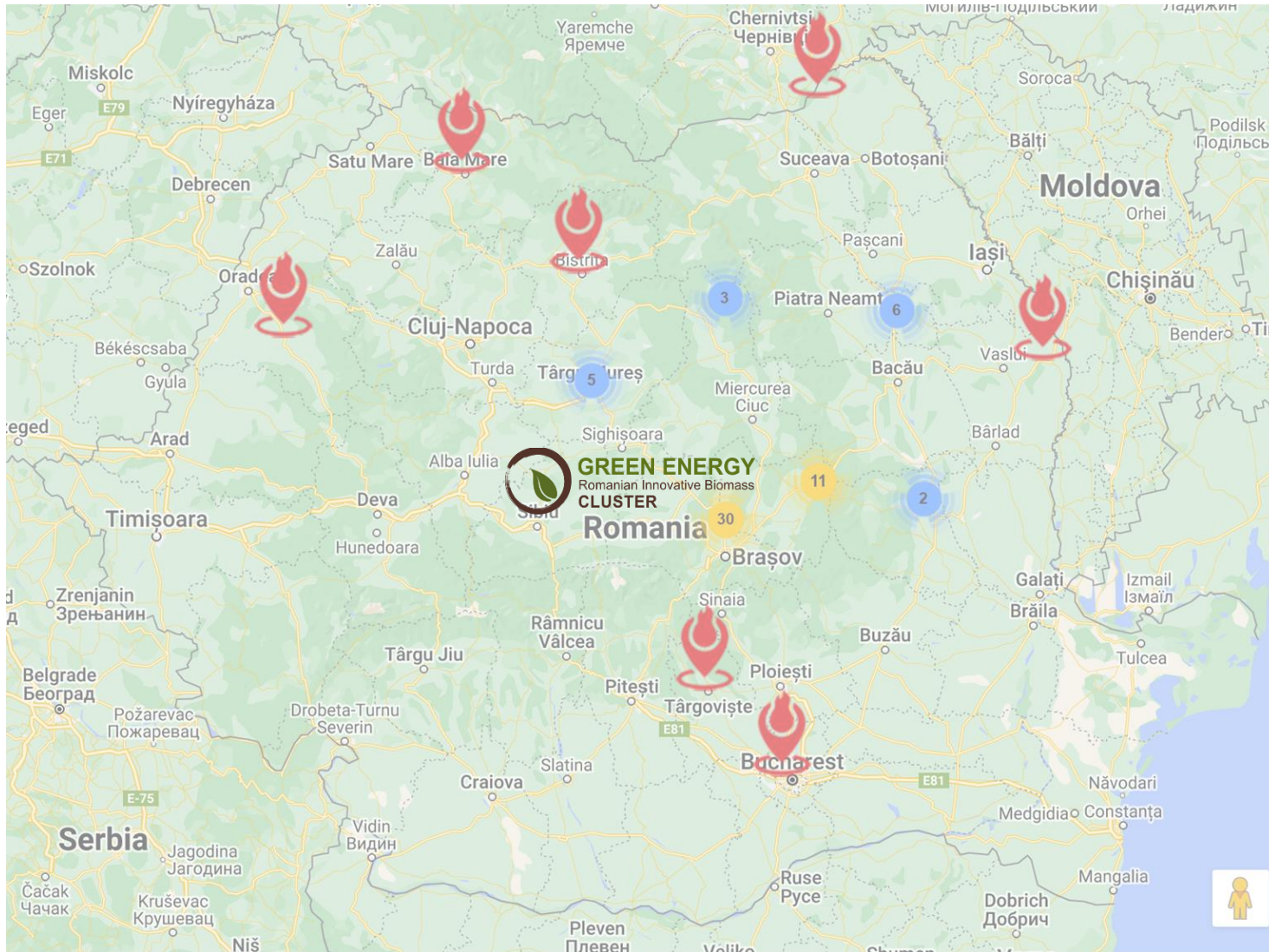
AFACERI.RO



ICONIC
Interactive Cluster of
New-media Industry
City of Iași
be & share



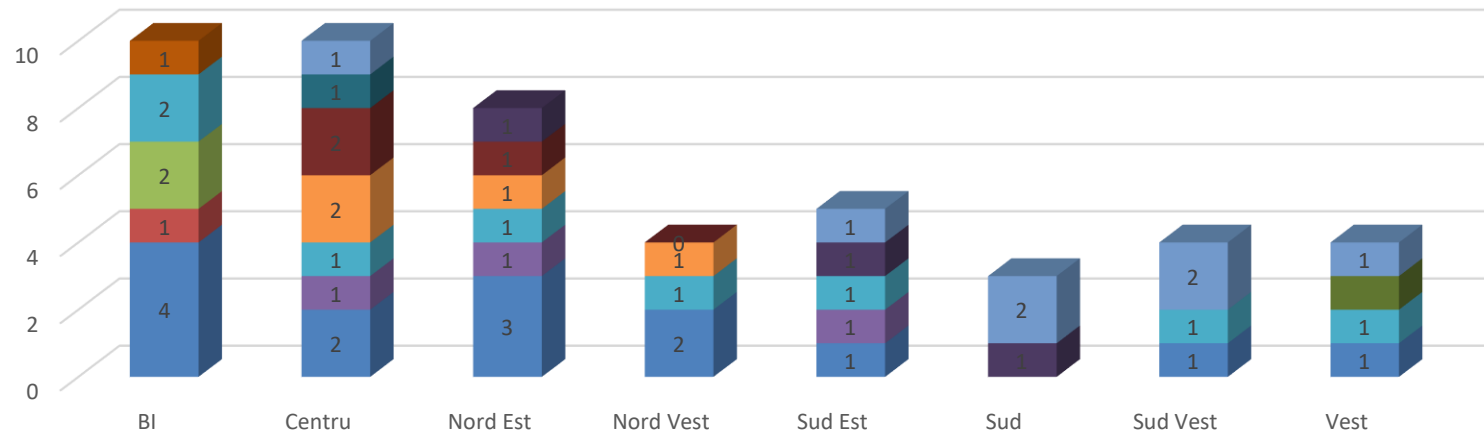
Green Clusters: Biovill Map



Clusters and Regional S3



Clusters and Regional S3



- ICT
- Creative
- Mechatronics
- Textiles
- AgriFood
- Wood
- Industry 4.0
- Health
- Energy
- Biotechnologies
- Tourism
- Sdvanced materials
- Trasnport
- Construction
- Smart City
- Metal Processing



Conclusions

- *(RO) Clusters are digitalization drivers*
- *(RO) Clusters are innovation drivers*
- *(RO) Clusters are S3 drivers*
- *(RO) Clusters are internationalization drivers*
- *(RO) Clusters are generators of value chains*



Thank you!

***Daniel Cosnita
President***