

The RRI framework created by Western countries with democratic and liberal values

Responsible Research and Innovation (RRI)

- Transparent and interactive process
- Involvement of societal actors
- Ethical acceptability,
- sustainability,
- societal desirability of innovation process



RRI keys in the EU

1. Engagement of all societal actors
2. Gender Equality
3. Science Education
4. Ethics
5. Open Access
6. Governance

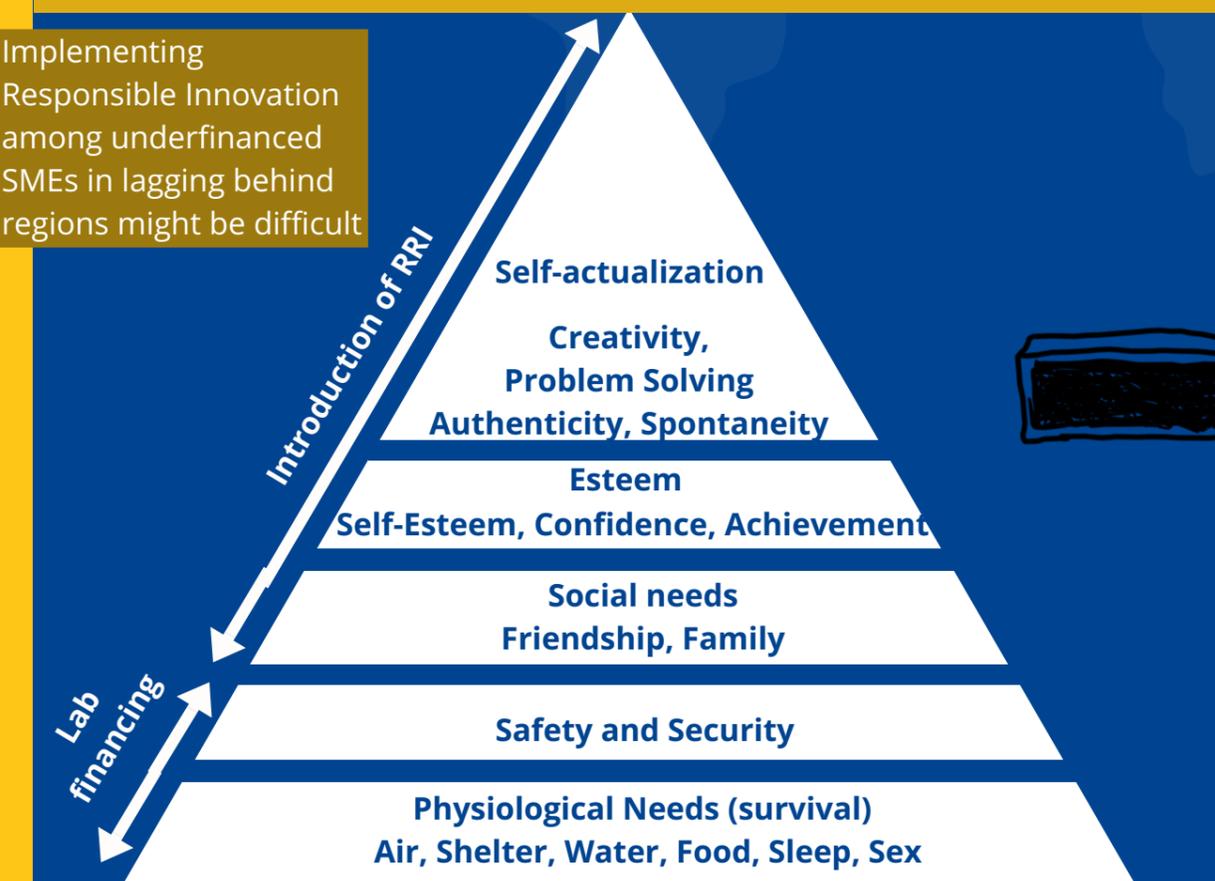
ATTITUDE TOWARDS RRI: "THESE ASPECTS ARE ESSENTIAL FOR THE FUTURE"

Why do we need another approach in Central Europe?

Socialist heritage for innovation environment			An example: Hungary and the Netherlands		
Aspect	Socialism	Capitalism	Post-socialist	Innovation environment	Capitalist
Centralization or decentralization	Technological development: state plans Novelties: permission from leaders Rejection: definitive	Decentralization Inventor may look for more companies to sell his invention	Less developed, early stage of development, and still developing		More developed, science parks, start-up ecosystems, technology transfer institutions
Remuneration for investor	Nothing or unremarkable	Salary of 1-2 months, in general	Relatively low	Expenditure on RDI	Relatively high
Competition between suppliers and producers	Concentrated production, monopoly structure, there is no force to invent a new product	Intensive competition: attracting new customers with developments, new inventions	Relatively low	Number of scientists	Relatively high
Options for experiments	Narrow: few experiments only the experiment with sure outcome is accepted/supported Hindering inventions, supporting the old and appropriate methods	More unsuccessful trials (experiments) and finally comes the new innovation	Informal relations are dominant	Administrative interactions on innovation	Formal routine, less informal relations
Available capital	There is no available capital on research and innovation (because of the unsure outcome)	More available capital	Grant-driven („we do because there is money“) Low level	Innovation activity Trust in each other	Market-driven („we do because there is market need“) Higher level

ATTITUDE TOWARDS RRI IN CENTRAL EUROPE:
 „CONSIDER DIRECT COSTS AND BENEFITS OWING TO THE SURVIVING STRATEGY“

Hierarchy of needs and possible level



Keep in mind!

„Faster results can be achieved if goals we want to achieve are integrated into the costs and benefits of the actors, that is, in economic sense, externalities are internationalized“



#ROSIEProjectRRI