



**Embedding Innovation  
Strategies - challenges for  
industry-academia partnership**

Joint Innovation Centre – support and  
practice



Karina Angelieva – Director, Joint Innovation Centre

# Current trends of BAS policy

- Increased participation in EU programmes – last calls under 7FP;
- Set up of synergy measures on R&I – measures on R&I programmes and on innovation growth, i.e. sound legislation, tax stimulus, increased funding from private sector;
- Aging of research staff and not-sufficient number of highly-qualified specialists – new partnership with universities;
- Internal Regulations on sound management under international research projects
- Training of management and research staff



# Important BAS policy area – mobility of researches

- The spiral of the brain-drain phenomenon
- Not sufficient number of incoming researchers
- Decreasing the number of students in engineering sciences
- Lack of innovation potential and dominant industries
- Poor PPP legal base in research and innovation
- Deepening of stagnation of lack of enough financial resources



# Industry-academia partnership

- Economic factors vs innovation drivers
- Social recognition of researchers
- Insufficient inter-sectoral partnership and lack of trust
- Insufficient incentives for industry to hire R&D skilled personnel
- Fragile industry-academia collaboration on **training agenda – lack of Industrial and Innovation PhDs**
- Overall weakness and a lack of a coherent protecting policy and utilisation IPR

## On the AGENDA:

Integrated approach – synergy among research, innovation and education policies

Why: integration of capacities and concentration of resources



## “Still to think about” challenges:

- National and/or regional initiatives on the provision of measures towards adoption of the European Partnership for Researchers recommendations in the area of open recruitment and opening the R&I systems for cooperation with third-country researchers; Social security and supplementary pensions for mobile researchers, portability of grants and others.
- National measures towards embedding the principles of the Charter for Researchers and the Code of Conduct
- Implementation of valorisation programmes increasing the competitiveness of research results and integration of the Code of Practice principles
- Fostering the industry-academia collaboration through mobility of researchers and joint coaching programmes for young talents
- Adoption of integrated approach for provision and use of statistical indicators measuring the R&I products and results; researchers in science and industry sectors; PhDs and PostDocs; IPR, etc.

# Joint Innovation Centre – what is our role and mission?

- Offers consultations and opportunities for market transfer and realisation of knowledge, technologies and services
- Supports BAS and individual research institutes in their policy and strategic vision
- Fostering creation of Regional Innovation Partnerships and promotes Centres of Excellence
- JIC supports cluster development and industry-research partnerships
- Since 2008 JIC is a partner in the Enterprise Europe Network
- JIC is supporting development of project competence among the research and management staff
- JIC upholds a Patent Office and is providing day-to-day information on IPR matter





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## Joint Innovation Centre of the Bulgarian Academy of Sciences

### Mission

The Joint Innovation Centre is a coordination unit and its mission is to structure and conduct the innovation policy of BAS – an essential element of the whole research policy. The Centre collaborates with the industry, technology transfer offices and research sector in the country and abroad in the area of innovation, applied research, technology development. Its role is to foster public-private partnerships between the research institutes, business and government structures.

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