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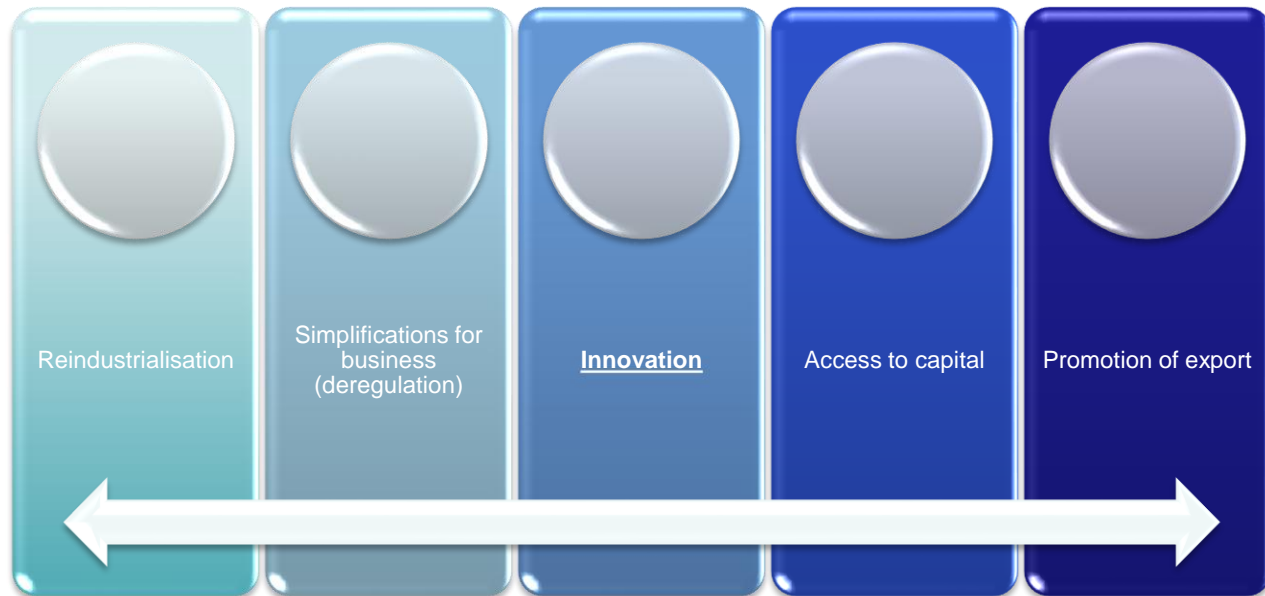
# What kind of academia smart specialization needs?

Jan Filip Stanilko, Deputy Director,  
Innovation Department, Ministry for Economic Development

# 5 Pillars of Economic Development in Poland



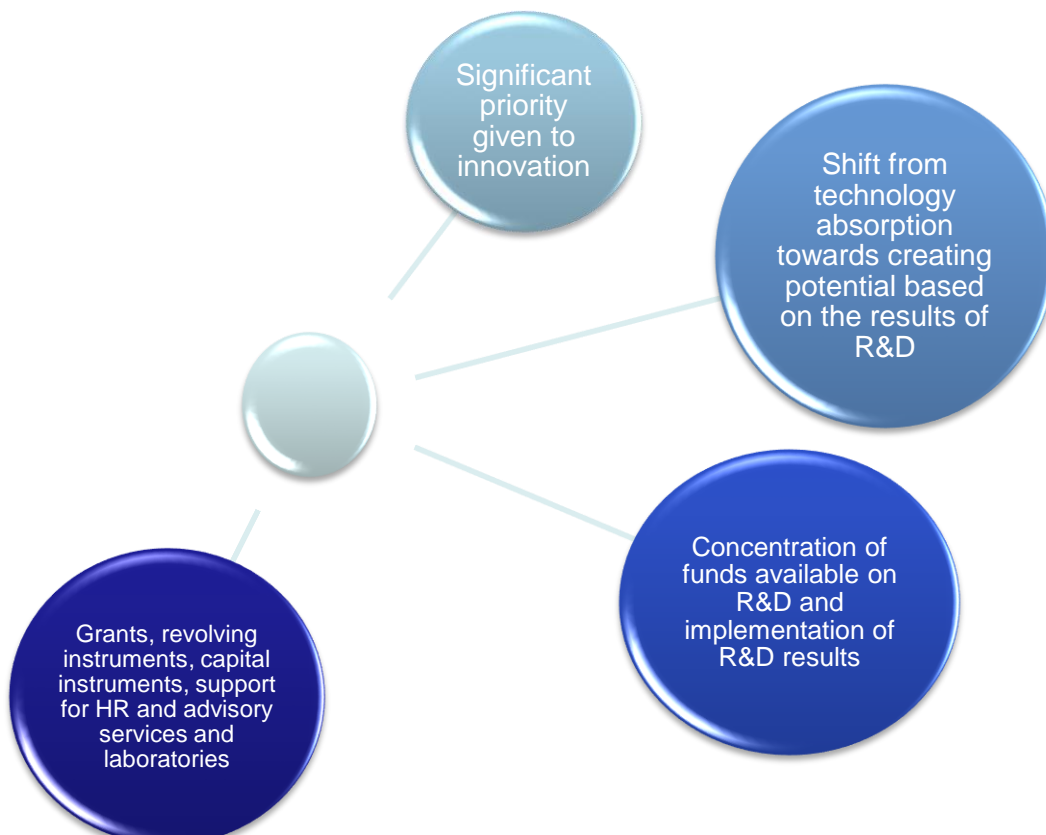
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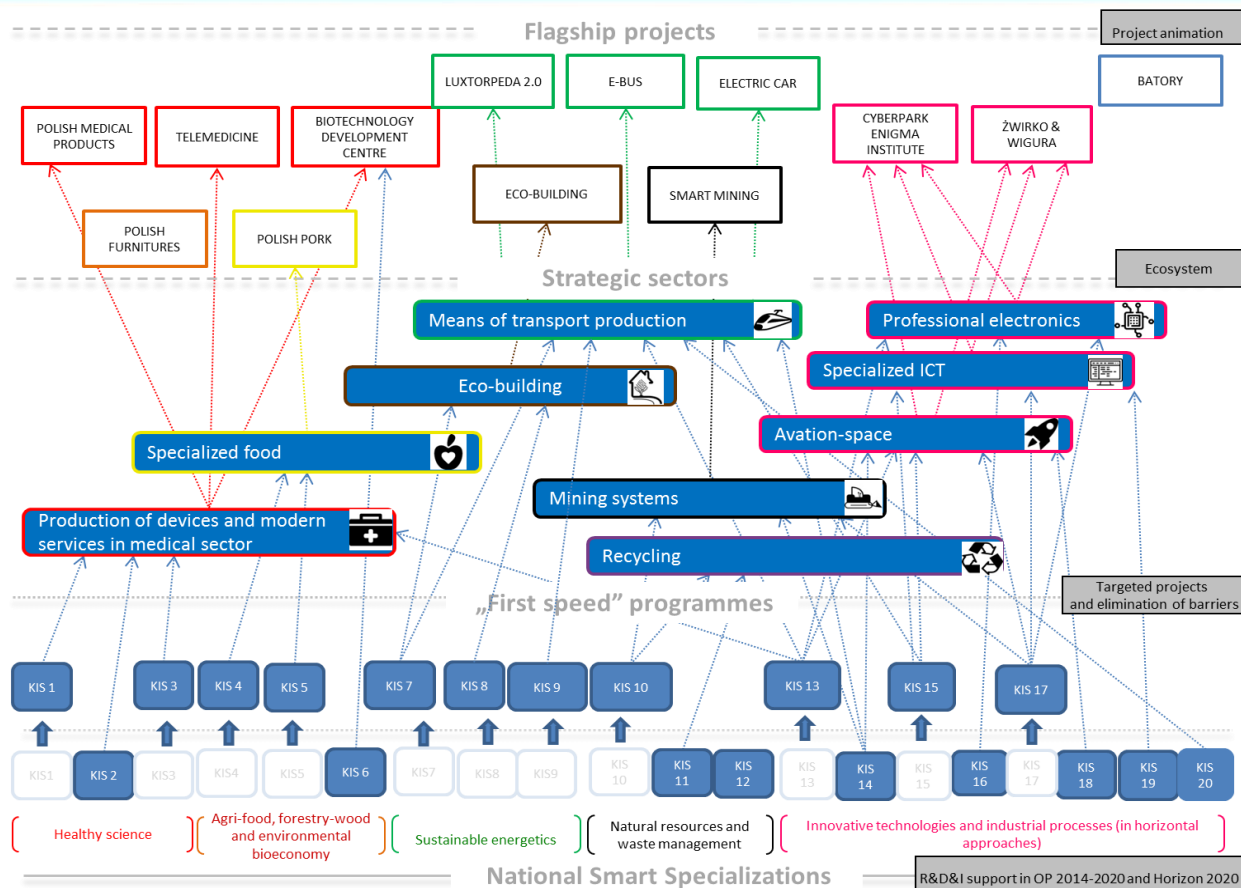


# Innovation is in the centre



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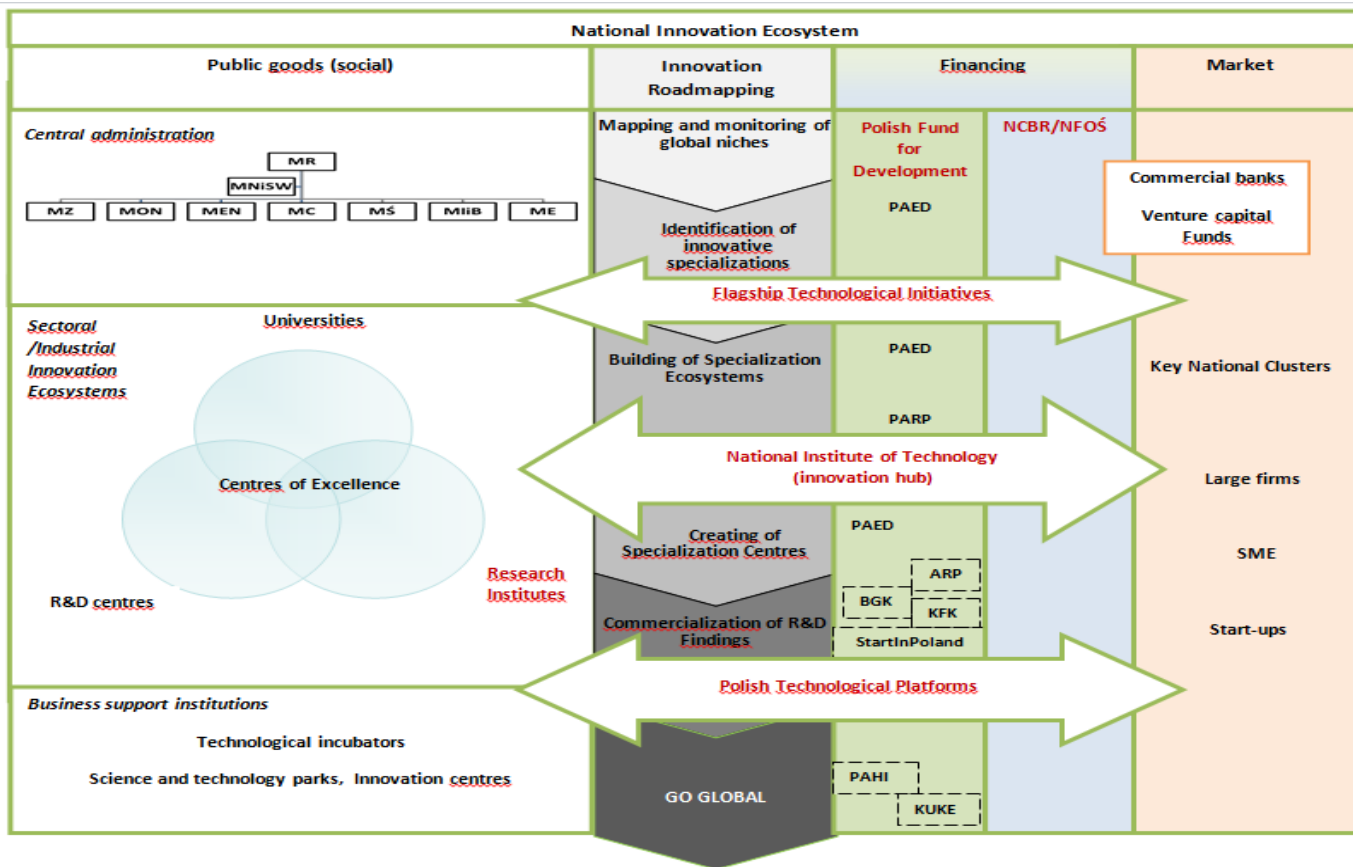




# National Innovation Ecosystem



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Creating favorable conditions for SME to operate and innovate

Boosting creativity of citizens, risk taking, teamwork, diversity, flexibility, mobility, interdisciplinarity

Stimulating innovative attitudes and behaviours

Enhancing effective cooperation of businesses (i.e. clusters) and between science and business (building trust)

Opening the public data, providing companies with data that facilitate their operations

# Innovation policy - actions



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Better coordination -  
Council for Innovation

Better access to finance  
- Start In Poland, Polish  
Development Fund

Systemic priority to  
R&D - Tax incentives

Better and more  
favourable regulations –  
ongoing regulatory  
reform including public  
procurement  
regulations

Pre commercial  
procurement

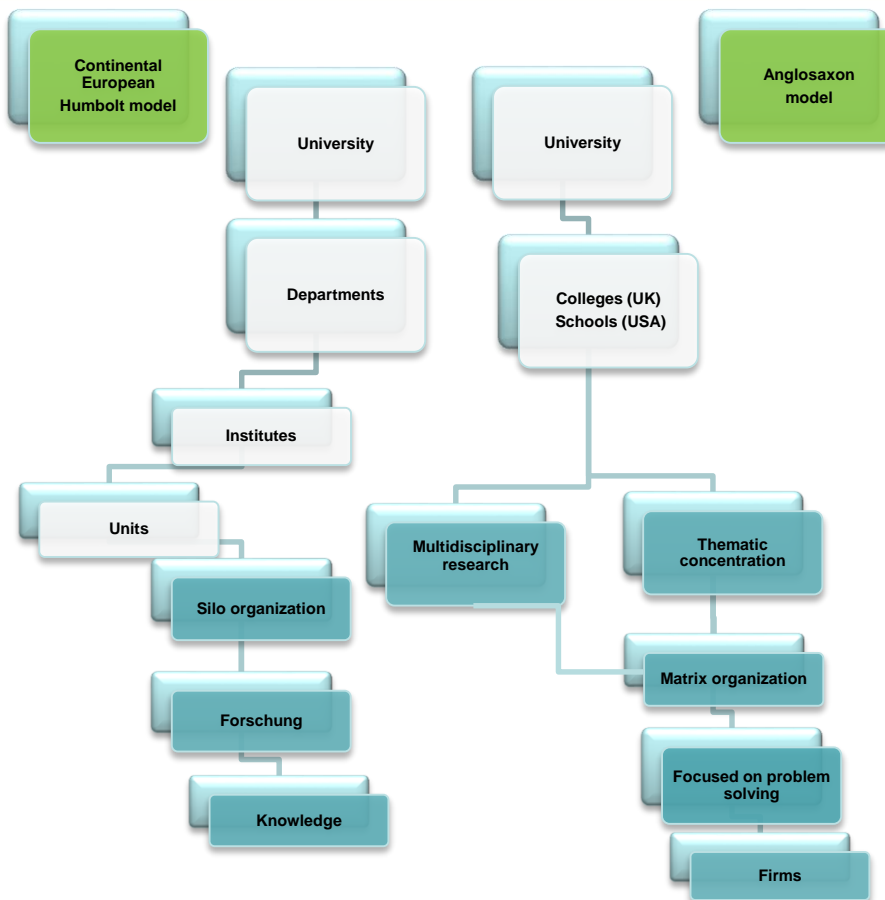
Priority setting – key  
technologies, key  
sectors (PPP)

Fishing for talents and  
best ideas – proof of  
concept, proof of  
principle

# Existing academic structures



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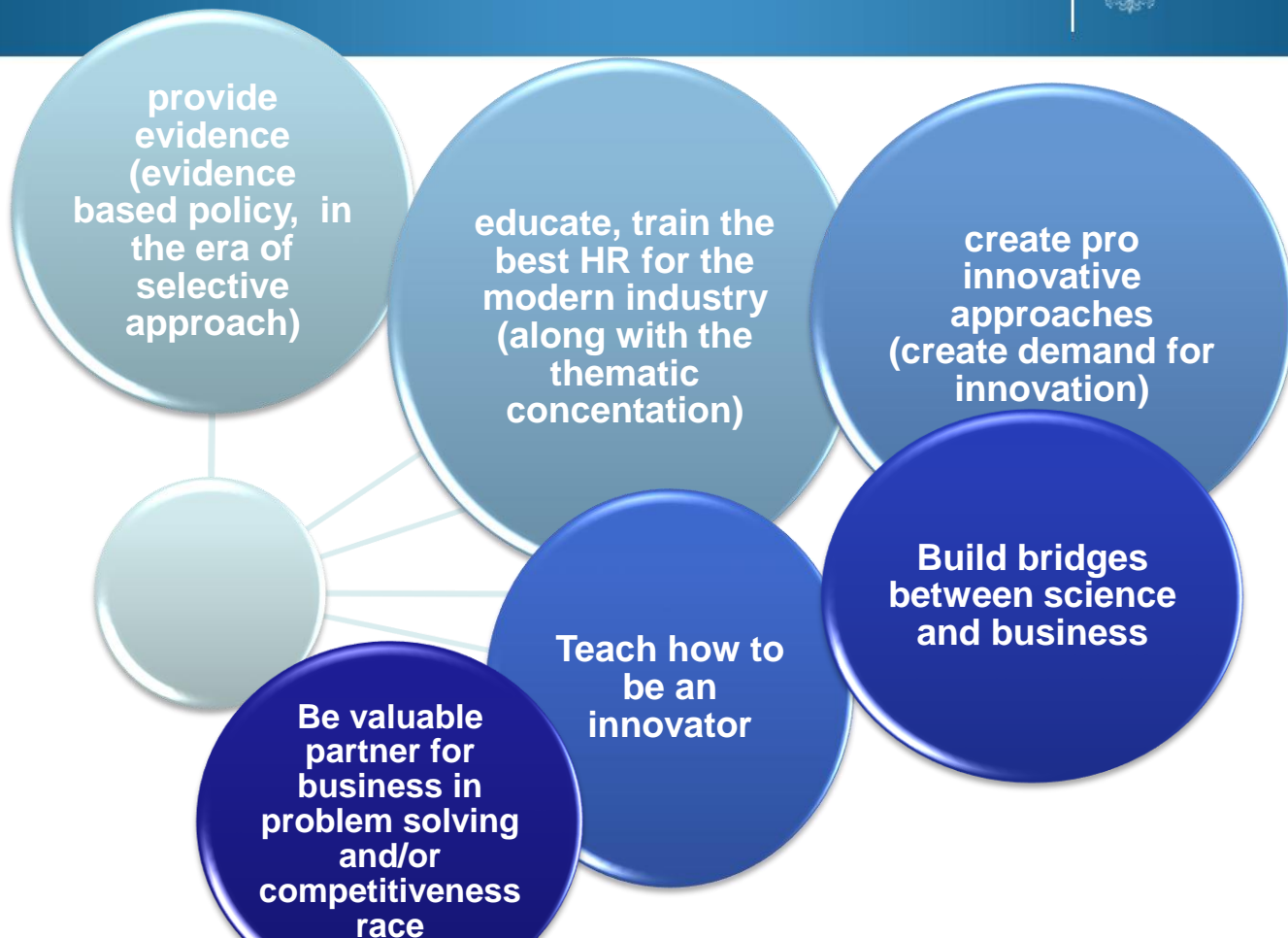




# Role of academia in the innovation triangle



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# Role of academia in the innovation triangle



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## facilitate technology transfer

Inter-institutional  
mobility

IP management

Know-how  
(joint projects)

## reform technology transfer offices

Effectiveness

Professionalisation

Ecosystem

## incubate entrepreneurship

Embedded  
incubation  
(business courses)

TRIZ

## provide valuable support for businesses

VC

Acceleration

## raise the quality of research

Close to production  
standards (GMP)

Multidisciplinary

Technology  
roadmapping  
(application,  
ingrained in basic  
research)



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**Thank you for your attention**