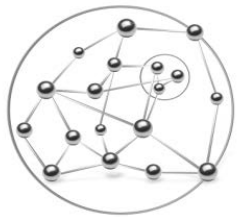


EFP Final Conference: *Forward Looking Activities Governing Grand Challenges*
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Vienna



FRESIGHT
NT PODLASKIE 2020

The results of Technology foresight ‘**NT FOR Podlaskie 2020**’ Regional Strategy of Nanotechnology Development

prof. Joanicjusz Nazarko

dr hab. Joanna Ejdys

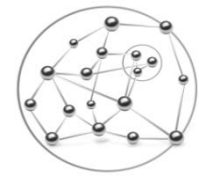
dr Katarzyna Halicka

dr Anna Kononiuk

Lukasz Nazarko

Alicja Gudanowska

Urszula Glińska



AGENDA

RATIONALES AND GOALS

RESEARCH FIELDS

METHODOLOGY

MEGATRENDS

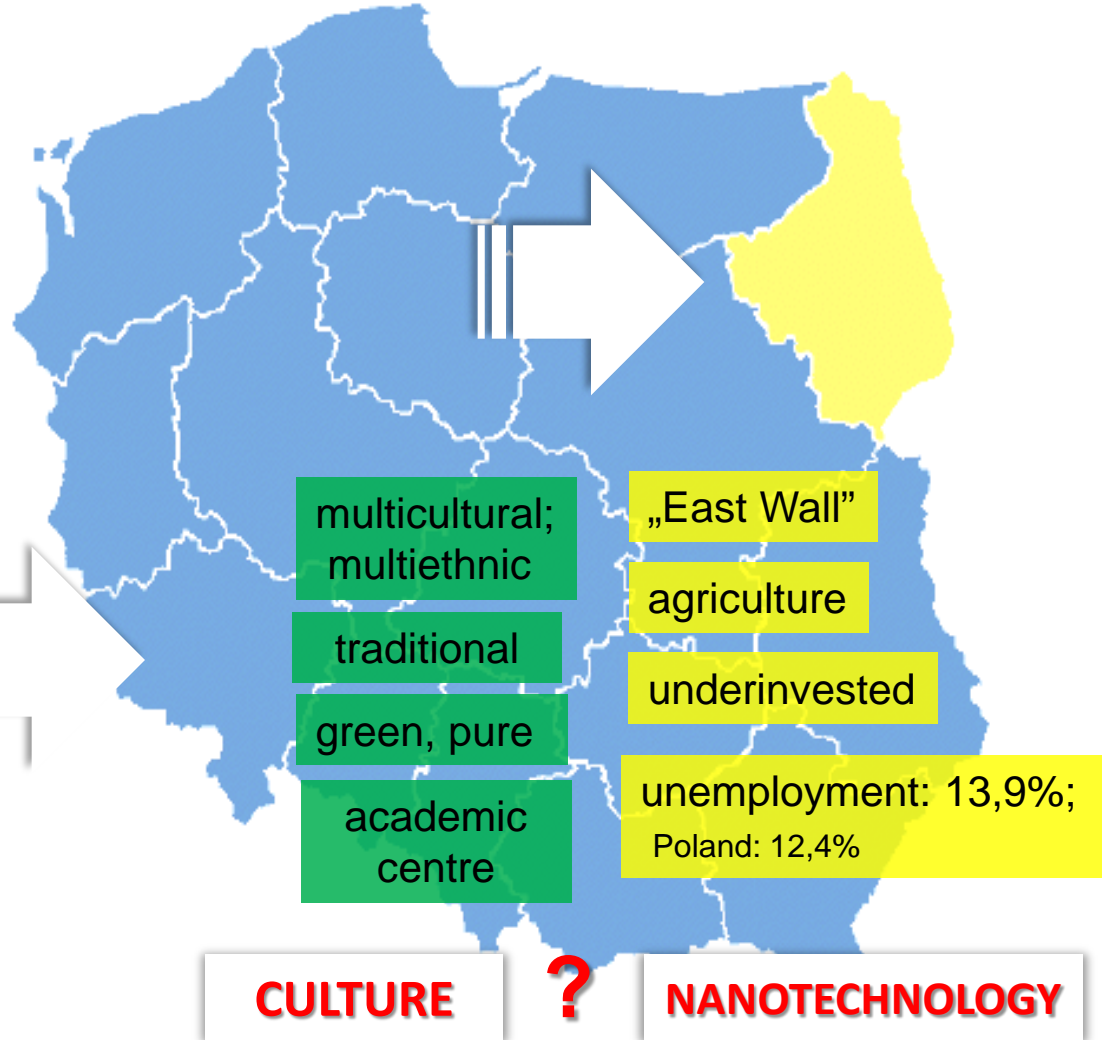
PRIORITY TECHNOLOGY GROUPS

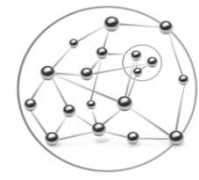
CONCLUSIONS





RATIONALES AND GOALS





NANOTECHNOLOGICAL INITIATIVES IN PODLASKIE PROVINCE

Medical University of Bialystok
Faculty of Medicine
Department of Biophysics



Bialystok University of Technology
Faculty of Mechanical Engineering
Chair of Biomedical Engineering



Clothing (lingerie) industry

Food processing industry

Medical industry

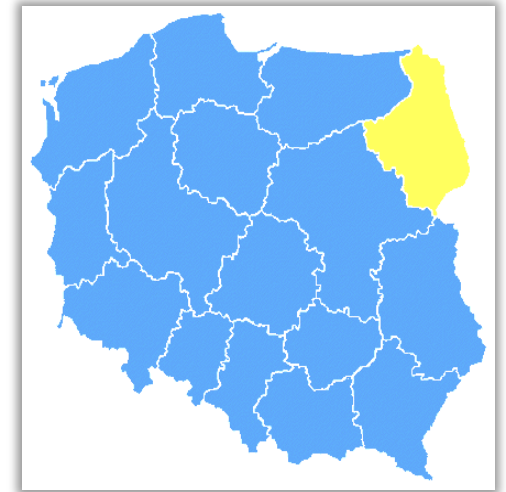
Timber industry



RATIONALES AND GOALS

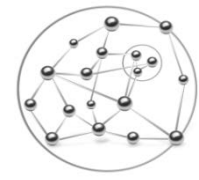
TIME HORIZON: 2009 – 2013

PURPOSE: an attempt of breakthrough technologies promotion when the development of the traditional sectors does not accelerate the region growth

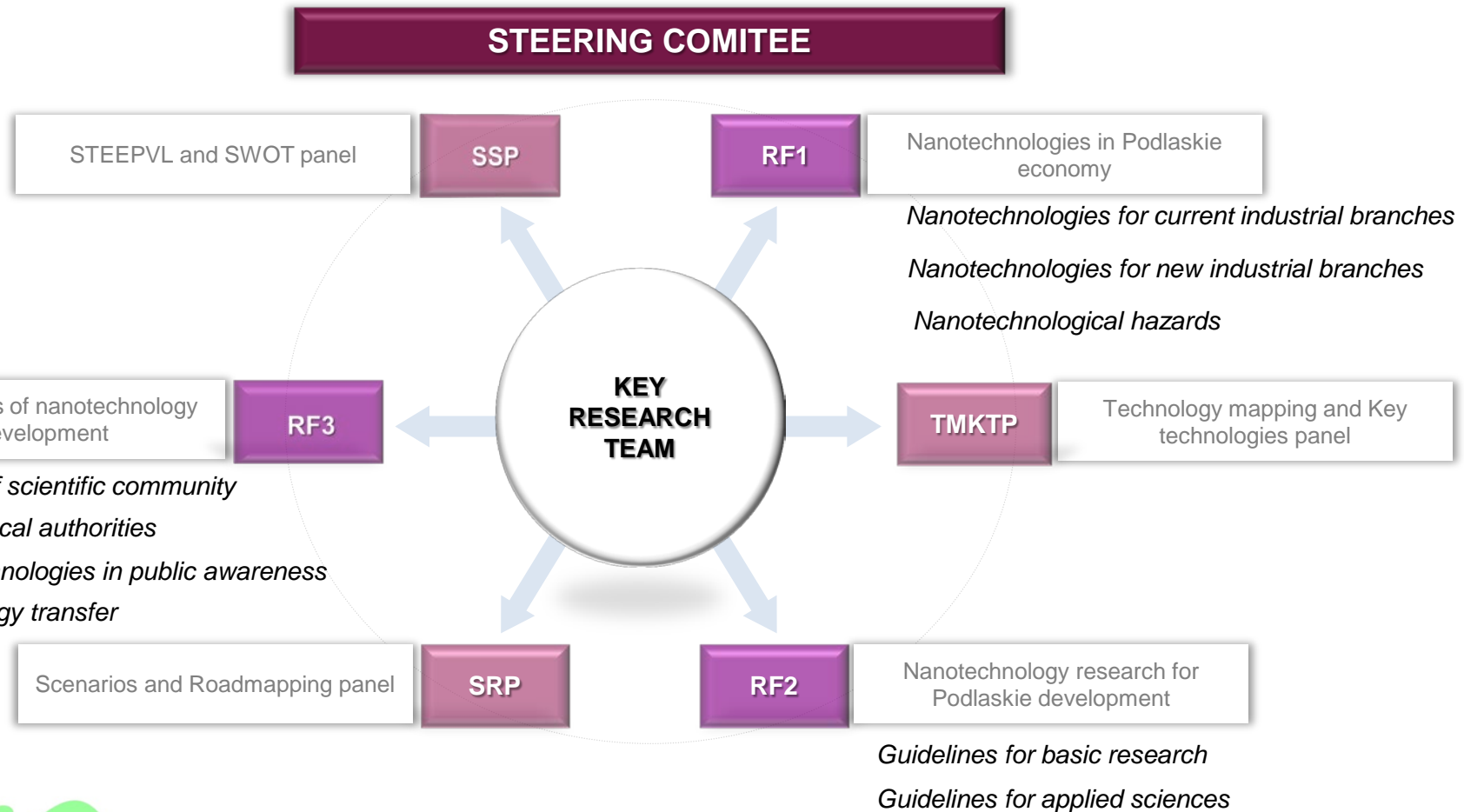


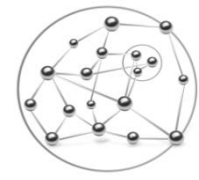
PROJECT'S GOALS:

- elaborating a strategy of nanotechnology development in Podlaskie province till 2020
- identifying and mapping critical nanotechnologies up to 2020
- identifying the most important factors influencing the development of nanotechnologies
- putting forward scenarios of nanotechnology development
- stimulating the process of regional vision building between the key stakeholders



RESEARCH FIELDS





METHODOLOGY

INNOVATIONS

TRIANGULATION

RESEARCHERS

professional background, sex, age, *esp.* women and young people (under 35)

DATA

experts from different institutions, information from variety of works

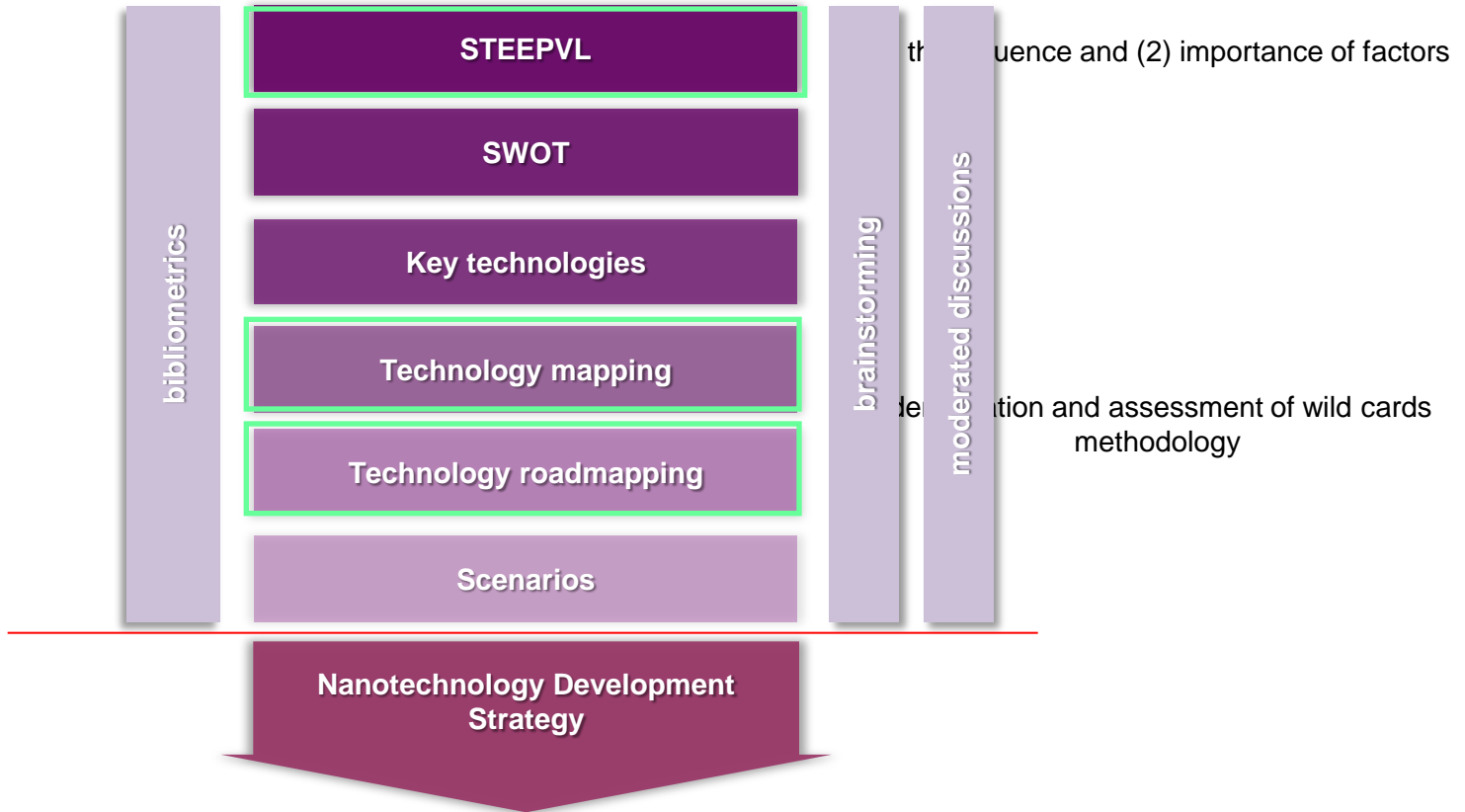
THEORY

experts from different scientific fields

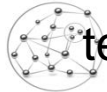


METHODOLOGY

INNOVATIONS



MEGATRENDS



technological progress



ageing population



increasing importance of alternative energy sources



intensified activity of the states in the realm of security



new patterns of social inequality

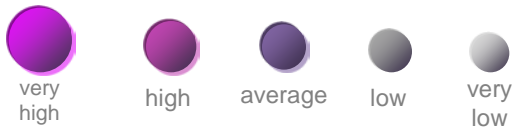
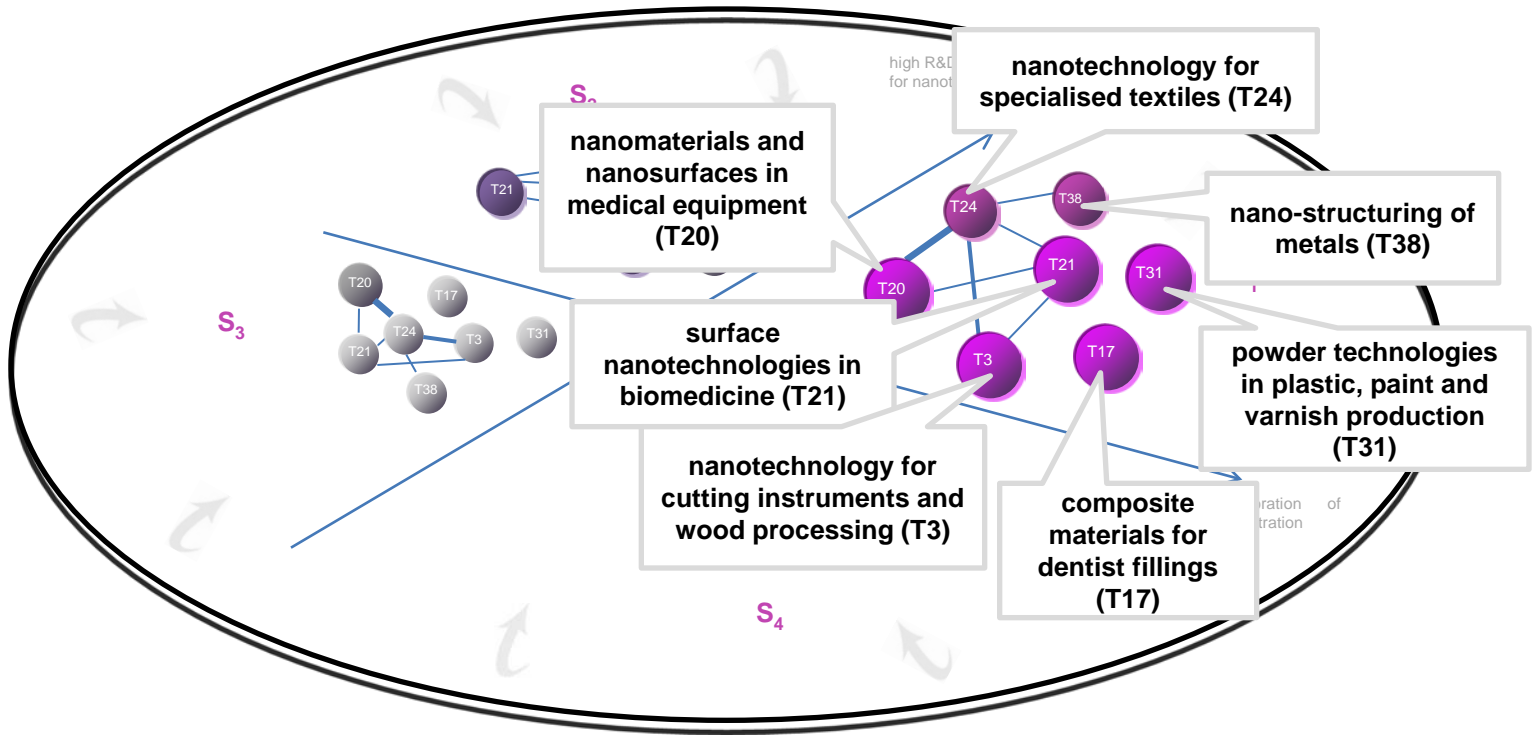


shaping of the new economy

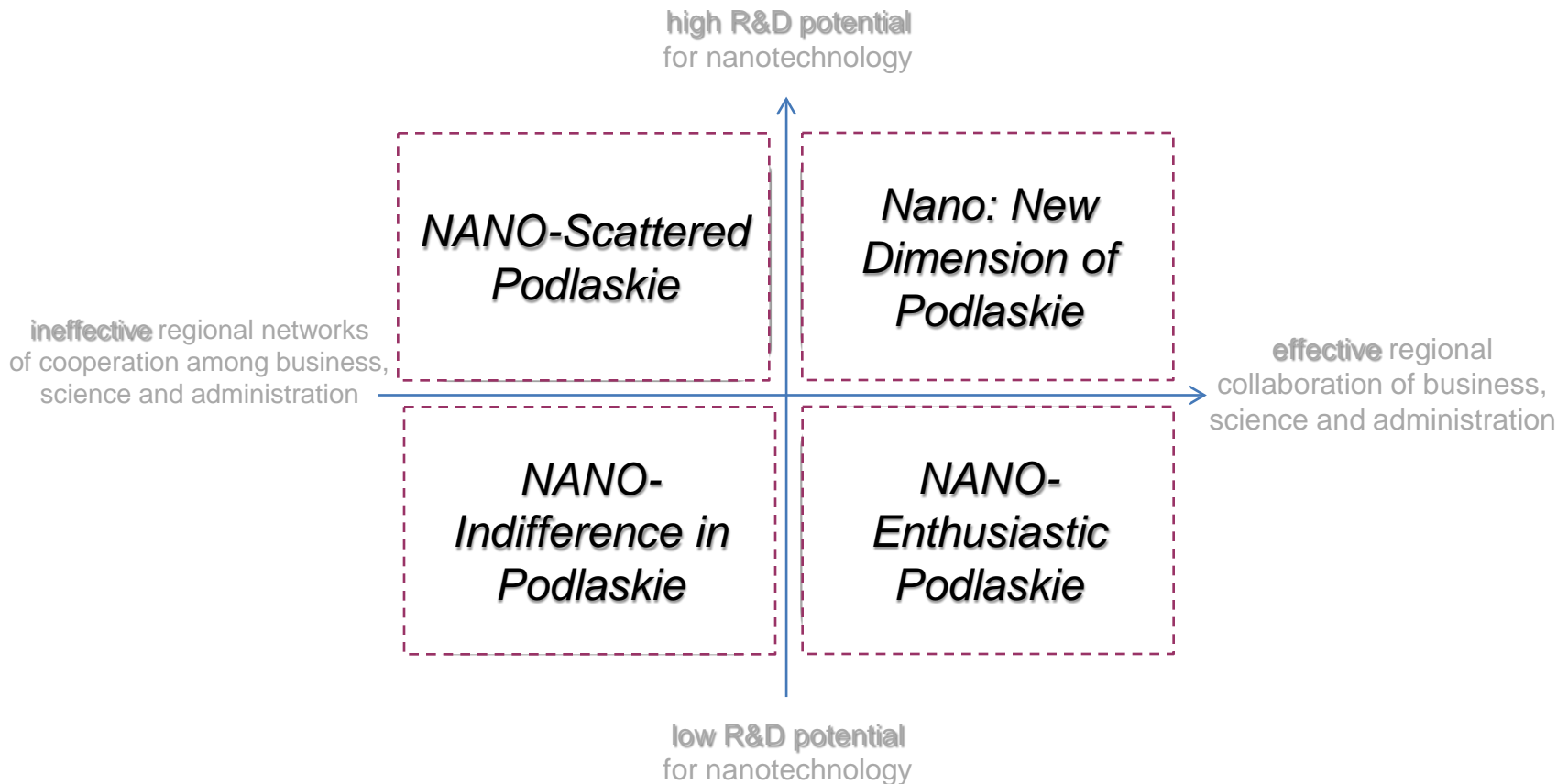


globalization

PRIORITY TECHNOLOGY GROUPS



FINDINGS



CONCLUSIONS

SCENARIOS – the background of *Regional Strategy of Nanotechnology Development*

The most conducive environmental factors to the nanotechnology development in Podlaskie province, as well as to the *Nanotechnology Development Strategy* are:

- the increase the region's R&D potential
- the strength the networks of entrepreneurs, scientists and authorities

STRATEGY will set the orientation of nanotechnology introduction into the economy of Podlaskie province and thus will provide a sound proposal of a path towards the sustainable development of the region

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F ● **RESIGHT**
NT ● **PODLASKIE 2020**

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THANK YOU FOR YOUR ATTENTION