

**International Conference: Bioeconomy in Agriculture**

***Regional Innovation Strategy (RIS)  
for Lubelskie Voivodeship 2014-2020***

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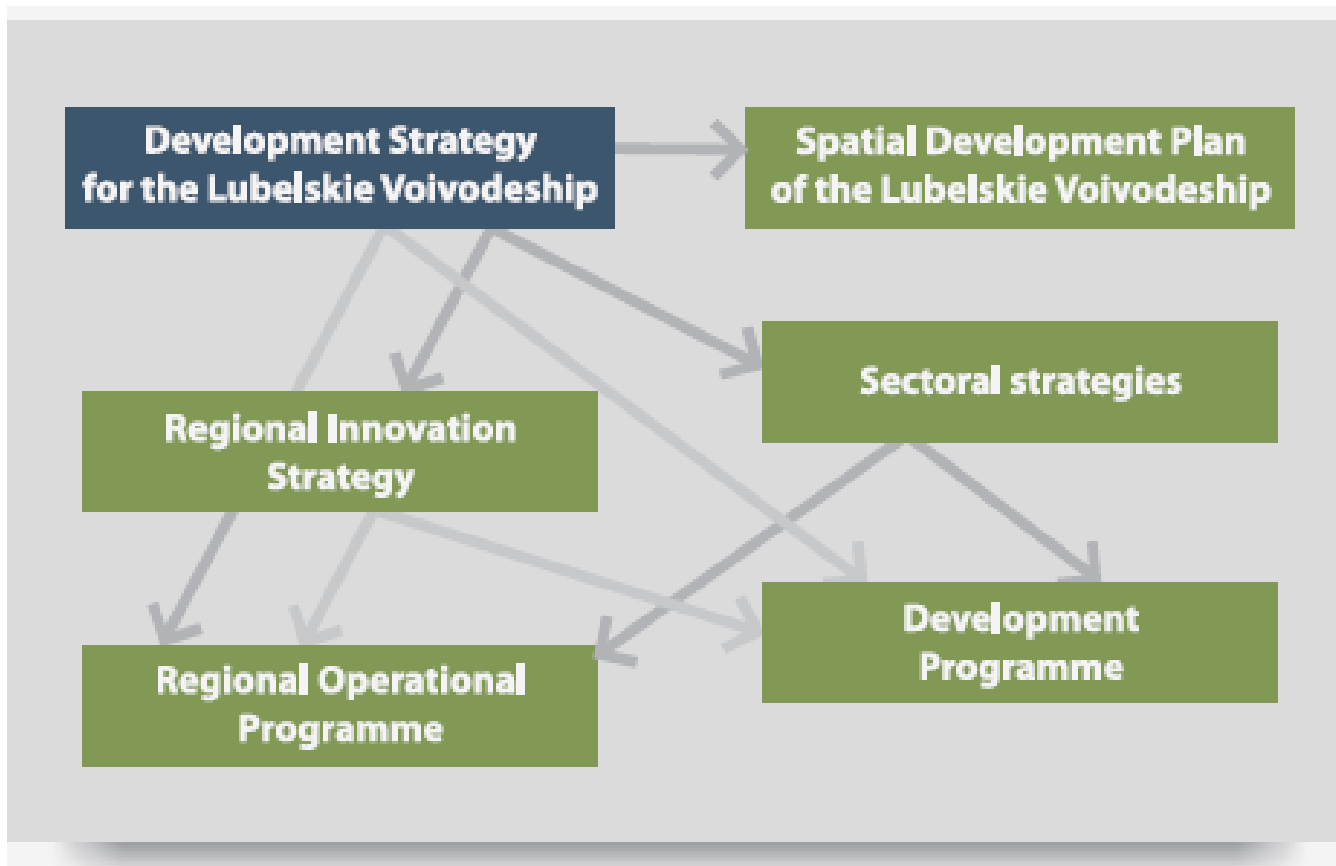
Puławy, 21-22 June 2016



# *Three main questions to be answered*

- Why do we need RIS?
- What role does the document play in the regional context?
- How is RIS implemented in the region?

# Why do we need RIS document?



Lublin 2008



**RIS is part (and outcome) of the planning process in the region**

# (i) RIS identifies and develops smart specialisation of the region

## BIOECONOMY

key  
specialization

Examples of technologies supporting the areas of innovation development:

*Agricultural and industrial biotechnology, nanotechnology, biophysics*

The main value chains:

**Sustainable primary production** ▶ **Bio-resources processing** ▶ **Food production**

Key sectors of the economy:

*Pharmaceutical* ▶ *Energy* ▶ *Eco-business* ▶ *Agro-food processing* ▶ *Chemical* ▶ *Paper* ▶ *Wood and furniture*  
*Information services* ▶ *Research and development related to particular specialization*

## MEDICINE AND HEALTH

complementary  
specialization

Examples of technologies supporting the areas of innovation development:

*Biotechnology and medical nanotechnology, personalized pharmacotherapy, advanced materials*

The main value chains:

**Diagnostics** ▶ **Therapy** ▶ **Rehabilitation** ▶ **Preventive care**

Key sectors of the economy:

*Nutrition and dietetics* ▶ *Medical and health-oriented services* ▶ *Research and development related to particular specialisation*

## LOW CARBON EMISSION ENERGY

emerging  
specialization

Examples of technologies supporting the areas of innovation development:

*Bio-energy, photonics, clean fossil technologies, prosumer energy, smart energy systems, renewable energy sources*

The main value chains:

**Acquisition of energy resources** ▶ **Energy production and storage** ▶ **Energy distribution and sale**

Key sectors of the economy:

*Mining* ▶ *Mining support services* ▶ *Production and supply of energy* ▶ *Research and development related to particular specialisation*

## IT AND AUTOMATION

supporting  
specialization

Examples of technologies supporting the areas of innovation development:

*Mechatronics, smart buildings, control systems, industrial automation, mobile applications*

The main value chains:

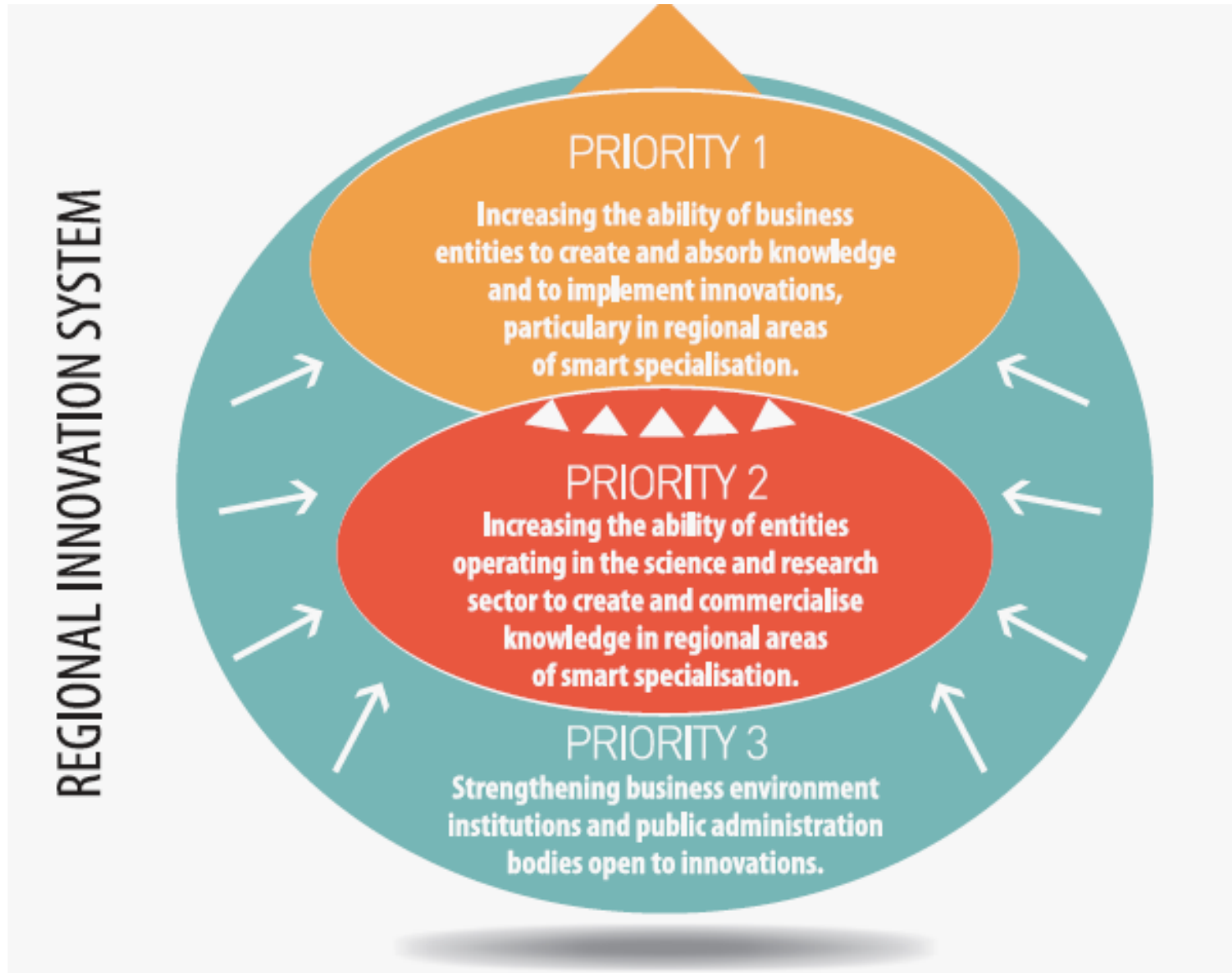
**Manufacturing** ▶ **Advanced products and production systems** ▶ **Systems engineering**

Key sectors of the economy:

*Software and IT consultancy* ▶ *Research and development related to particular specialization* ▶ *Information services*  
*Manufacture of electrical equipment, machines, devices, computers, electronic and optical products*

CUSTOMERS

***(ii) RIS provides the framework for regional innovation system***



*(iii) RIS largely determines how EU funds are spent in the region*

Financial sources available in the 2014-2020 financial perspective

European Funds 2014-2020

**82,5**  
**bln euro**

- ❖ innovations
- ❖ entrepreneurship
- ❖ motorways and expressways
- ❖ research and development
- ❖ green energy
- ❖ environment-friendly transport
- ❖ information society
- ❖ inclusion

## *RIS is implemented mainly through pilot programmes in six key areas:*

Pilot programme	Schedule													
	Q 1 2014	Q2 2014	Q3 2014	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Q2 2017
Technological entrepreneurship														
Development of demand for innovations														
Partnerships, networks and clusters														
Financial engineering for innovation														
Regional research programmes in smart specialisation areas														
Regional growth centres														

## ***What are the main sources of financing of RIS implementation?***

- ***Regional Operational Programme for Lubelskie Voivodeship 2014-2020***
- ***Operational Programme Eastern Poland 2014-2020***
- ***Operational Programme Smart Growth 2014-2020***
- ***Operational Programme Knowledge, Education, Development 2014-2020***
- ***Rural Development Programme 2014-2020***
- ***European Territorial Cooperation Programmes 2014-2020***
- ***EU Framework Programme for Research and Innovation Horizon 2020***



**Thank you for your attention**