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Interreg Europe

European Union
European Regional
Development Fund

Lithuania

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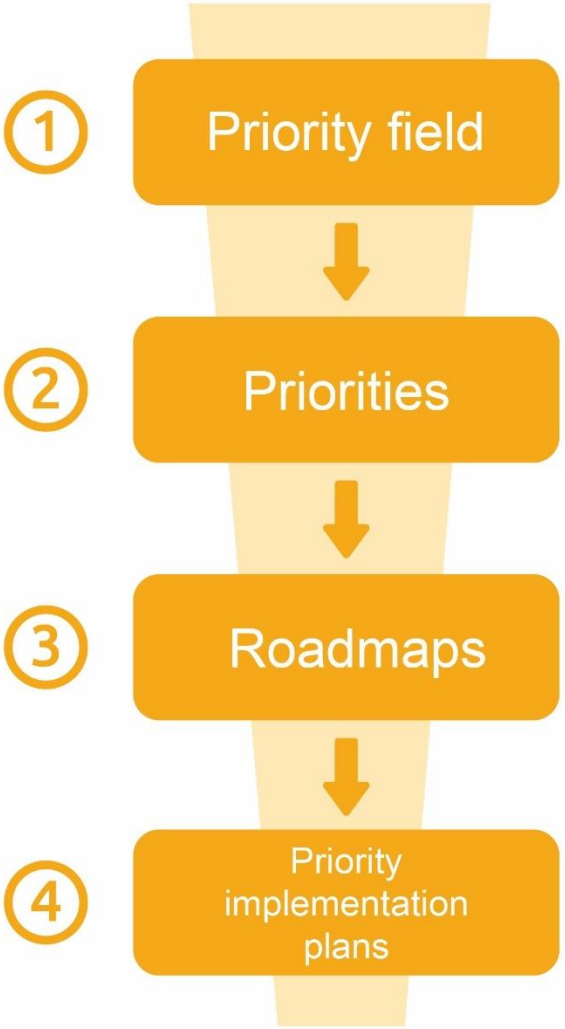
THE PROCESS: FROM ANALYSIS TO IMPLEMENTATION



6 BROAD PRIORITY FIELDS

Analysis of challenges, research potential and structure of economy

20 PRIORITIES WITHIN 6 BROAD PRIORITY FIELDS

In-depth analysis in every Priority field + expert panels

FOR EVERY PRIORITY (TOTAL 20 ROADMAPS)

Expert panels + broad survey

DEVELOPED ACCORDING TO ROADMAPS (TOTAL 20 PLANS)

Consultation with National expert institutions + implementing ministries

PRIORITIES

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Agro-innovation and food technologies

Safer food and sustainable usage of biomaterials

Functional food

Innovative development, improvement and processing of biological raw materials (biorefinery)

Energy and sustainable environment

Smart systems for energy efficiency, diagnostic, monitoring, metering and management of generators, grids and customers

Energy and fuel production using biomass/waste and waste treatment, storage and disposal

Technology for the development and use of smart low-energy buildings – digital construction

Solar energy installations and technologies for using them for the power generation , heating and cooling

Health technologies and biotechnology

Molecular technologies for medicine and biopharmaceutics

Advanced applied technologies for individual and public health

Advanced medical engineering for early diagnostics and treatment

Inclusive and creative society

Modern self-development technologies and processes promoting formation of creative and productive individuals

Technologies and processes for the development and implementation of breakthrough innovations

Novel production processes, materials and technologies

Photonic and laser technologies

Functional materials and coatings

Structural and composite materials

Flexible technological systems for product development and fabrication

Transport, logistics and information and communication technologies

Advanced electronic content, content development technologies and information interoperability

ICT infrastructure, cloud computing solutions and services

Smart transport systems and ICT

Technologies/models for the international transport corridors' management and integration of modes of transport

AM: MAIN ACTORS

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LITEK

LASER & ENGINEERING TECH CLUSTER (LITEK)

LINPRA

ENGINEERING INDUSTRIES ASSOCIATION OF LITHUANIA (LINPRA)

Lietuvos pramonininkų konfederacija

LITHUANIAN CONFEDERATION OF INDUSTRIALISTS (LPK)

LRA LIETUVOS ROBOTIKOS ASOCIACIJA

LITHUANIAN ROBOTICS ASSOCIATION

1st REPORT

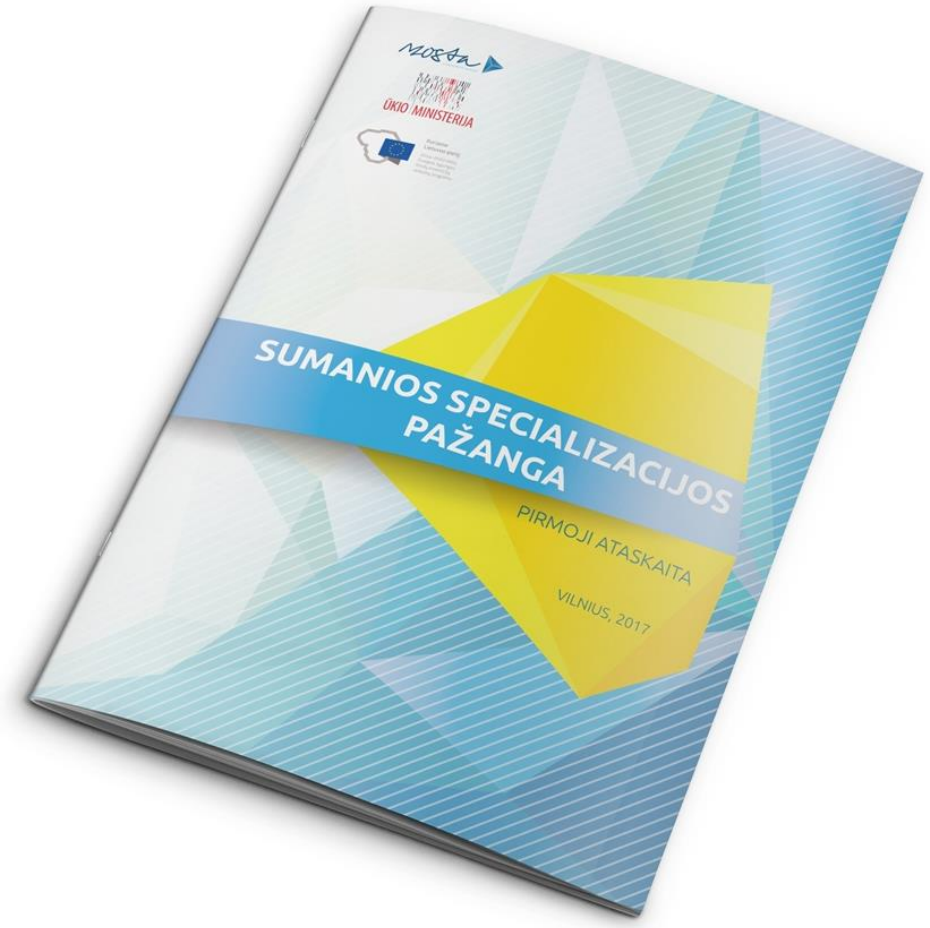
LITHUANIAN R&D IN INTERNATIONAL CONTEXT

PUBLICATIONS AND PATENTS

POLICY INSTRUMENTS

STATE OF PRIORITIES

FURTHER STEPS



COMING SOON IN ENGLISH

MAIN CHALLENGES

LOW INNOVATION OUTPUT

LACK OF RESEARCH COMMERCIALIZATION, SPIN OFFS

NEED FOR R&D DEDICATED SERVICES: TECH. TRANSFER, BUSINESS PLANS, ETC.

HE MAINLY FOCUSED ON TEACHING AND BASIC SCIENCE

NEWLY DEVELOPED INFRASTRUCTURE IS WORKING UNDER CAPACITY

MOST SUPPORT GOES TO SUPERSTARS; LITTLE ATTENTION TO NEW ENTERPRISES AND IDEAS

POLICY MIX

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PROMOTION OF ACTIVITIES OF CENTERS OF COMPETENCE AND CENTERS FOR INNOVATION AND TECHNOLOGY TRANSFER

COMMERCIALIZATION OF R&D

Capacity building	Consultancy provision	R&D -> product
Competence development	Tech. transfer coordination	R&D expenses
Staff costs	Marketing	Testing
	Commercialization	Prototyping
	Legal advisory	Pre-final manufacturing
Participants:	**Participants:**	**Participants:**
Institutions of science and education	Institutions of science and education	Institutions of science and education
University hospitals	University hospitals	Companies with ISE as stakeholders

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Thank you!

Questions welcome

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