



SMART SPECIALISATION STRATEGY AS A TOOL TO BETTER ANCHOR

BALTIC STATES IN GLOBAL VALUE CHAINS

Policy Approach of Lithuania

?



INDUSTRY 4.0 PLATFORM

The National Industrial Competitiveness Commission Industry 4.0

The Coordination Group

Ministries representatives
Representatives of industry associations
Representative of scientific institutions
Trade union representative

Standardization
and legal
regulation

Digital
Production

Digitization
services

Cyber Security

Human
Resources

Secretarial and technical support - EIM Industry 4.0 Policy Unit

MAIN BENEFITS OF INDUSTRY 4.0 PLATFORM



Academia

- New and interdisciplinary study programmes
- Increased number of PhDs working in the field of industry digitalization
- New scientific and technology demonstration equipment



Industry

- Companies deeply embedded in international value chains
- Increased generated added value & turnover & productivity
- More innovative companies
- Increased investments in innovation
- Digital Innovation Hubs



Country

- Increase of exports
- Growing share of GDP generated by high-tech companies
- More effective innovation system & state support for companies
- Higher rankings of state's performance in digitization & innovation

Regions in Industrial Transition

The project aims to face specific challenges in regions undergoing industrial transformation, especially where there is a lack of adequate skills, high labour costs and deindustrialisation. These regions may not be able to attract enough additional regional investment to stimulate widespread industrial modernization or fully to exploit the opportunities offered by European programs in the context of smart specialization. Aiming to help regions in addressing these issues.

Participating regions/countries



Project covers 12 selected regions (NUTS 2 criterion, 10 EU regions and two countries: Lithuania and Slovenia).

Lithuania have received evaluation and recommendations in this pilot project in five areas:

- ☐ **Preparing for Jobs of the Future**
- ☐ **Broadening Innovation and Innovation Diffusion**
- ☐ **Preparing for the Low Carbon Energy Transition**
- ☐ **Promoting Entrepreneurship and Mobilising the Private Sector**
- ☐ **Inclusive Growth**

“Roadmap for Lithuania’s industrial transition to a Circular Economy” project objectives

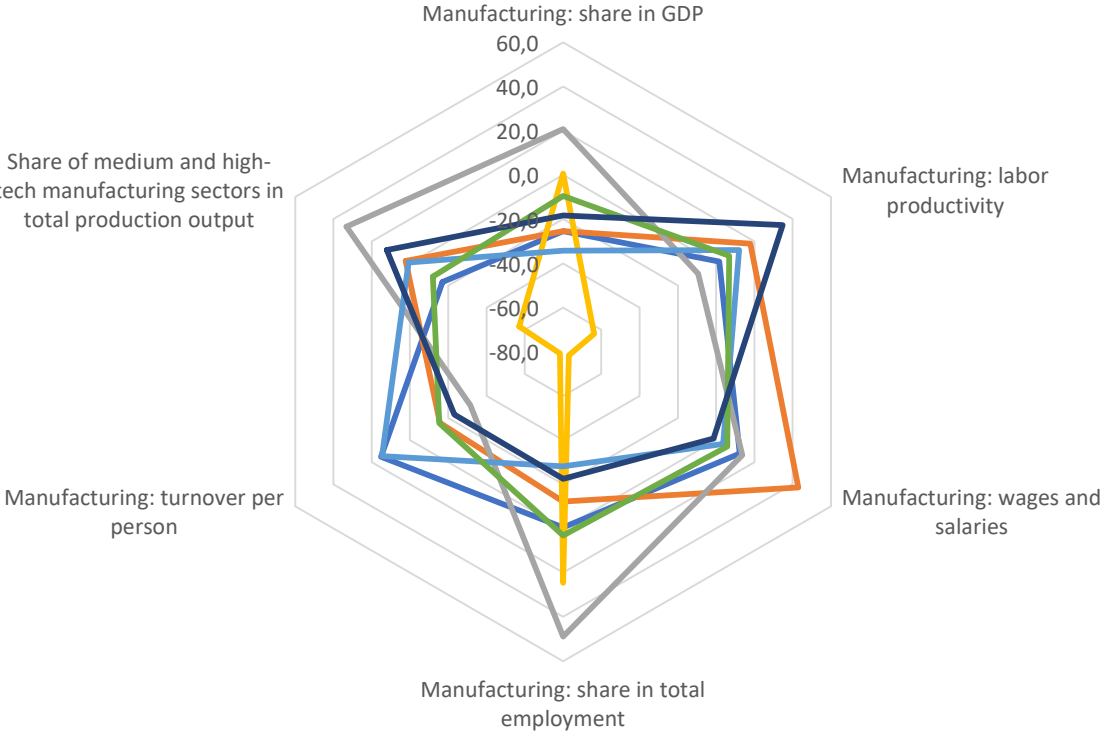
- **Circularity Analysis of Lithuanian industry**
- **Policy Proposals to support Industrial Transition to a Circular Economy**
- **Creation of the Roadmap Schedule**
- **Formal adoption of the Roadmap, business briefing and international exchange**



Manufacturing: big impact on Lithuanian economy, but lack of innovations

Summary of benchmark analysis (deviation from average, %)

Belgium Denmark Germany Lithuania Netherlands Finland Sweden



The ranking of countries by degree of integration in the EU value chains, 2014

Integration in the EU value chains: ranking by sector (2014)

	Primary	Manufacturing	Utilities	Construction	Market Services
AT	15	25	21	17	25
BE	4	16	23	11	14
BG	16	21	3	7	16
CY	27	27	10	12	2
CZ	11	8	11	10	15
DE	6	10	15	15	17
DK	2	2	9	8	13
ES	5	15	24	26	24
EE	14	1	1	14	6
FI	19	19	8	24	23
FR	13	4	20	28	18
UK	21	22	26	13	10
EL	28	28	28	27	28
HR	24	17	19	25	20
HU	10	5	13	21	9
IE	1	6	27	18	8
IT	20	12	22	20	19
LT	9	26	7	22	22
LU	18	18	4	3	3
LV	7	11	14	19	21
MT	22	23	5	2	1
NL	3	7	2	1	4
PL	12	3	12	4	5
PT	23	20	25	23	27
RO	26	14	6	6	12
SK	17	9	16	5	7
SI	25	24	18	9	26
SE	8	13	17	16	11

“Preparation for the integration of Lithuanian industry into selected European value chains” project objectives

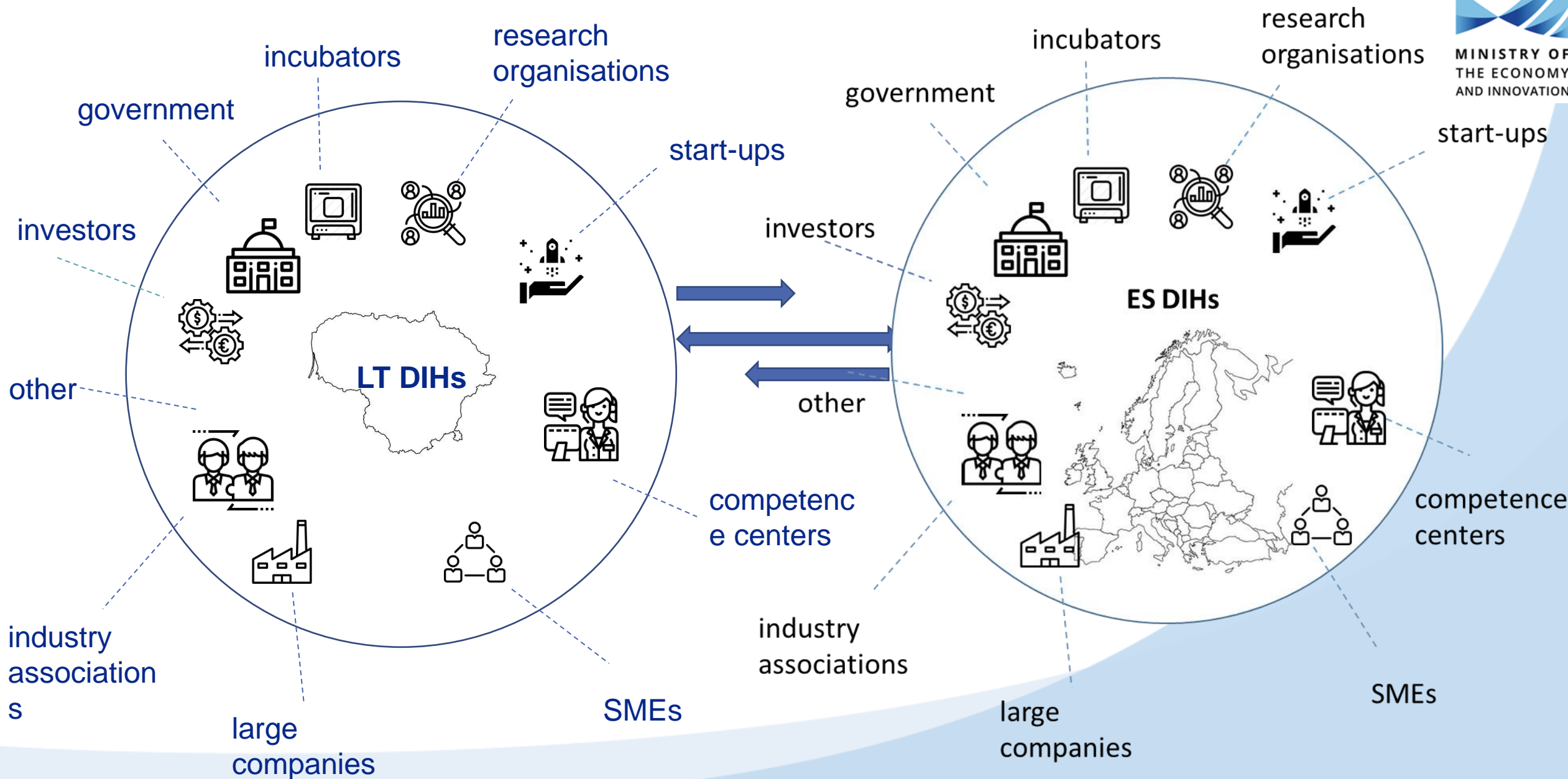
Project is aiming to perform:

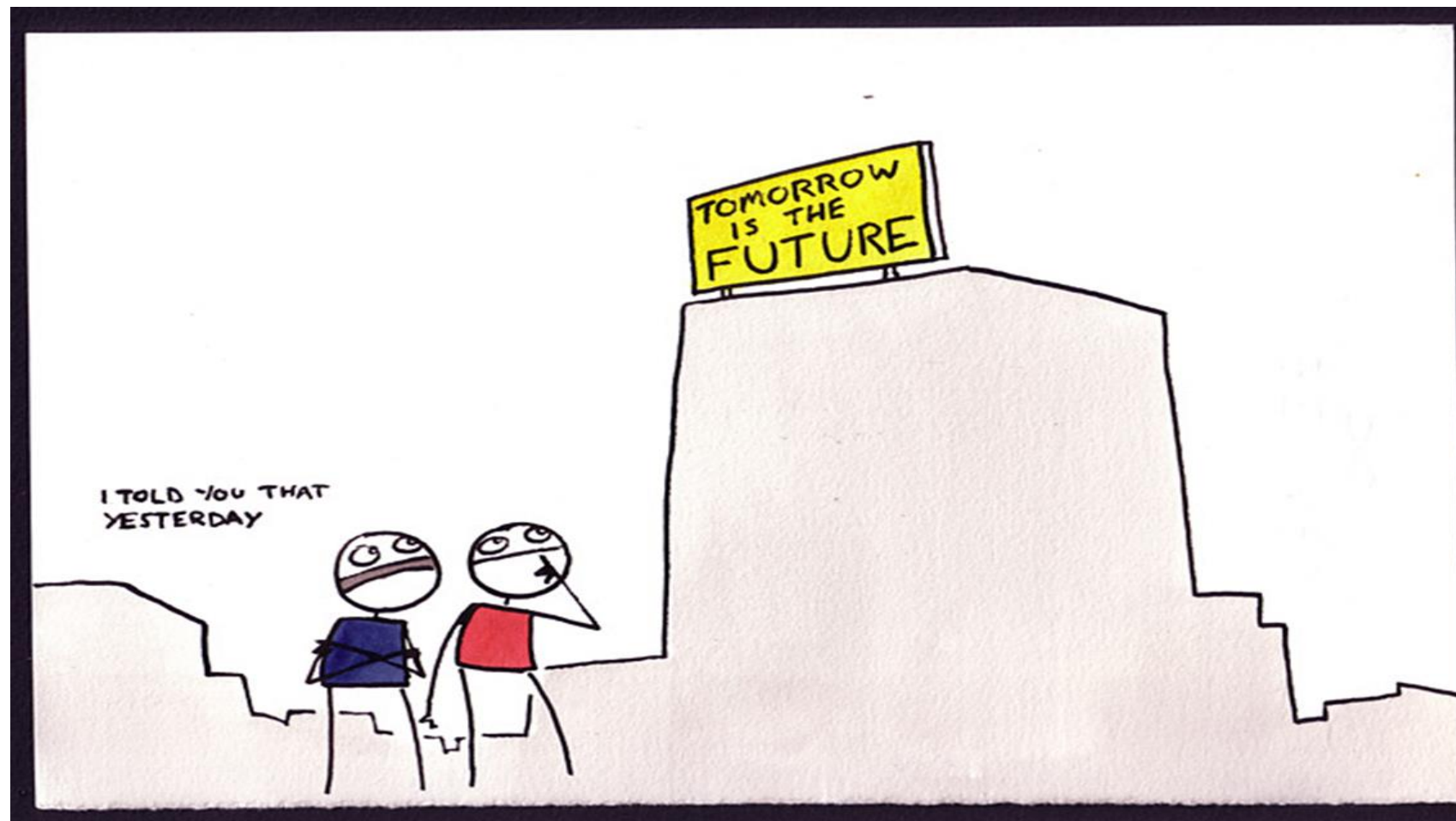
- detailed analysis of European value chains relevant for the Lithuanian companies;
- an assessment of available policymaking competences and defining the specific one required for the development of a coherent policy supporting Lithuanian companies integration into the international value chains;
- analysis of the creation of a practical roadmap for the integration of Lithuanian companies from particular economy sectors, into the EU value chains.

In a business environment, we are all interconnected and only as strong as the weakest link.



SHARING OF COMPETENCE BETWEEN EUROPEAN DIHs

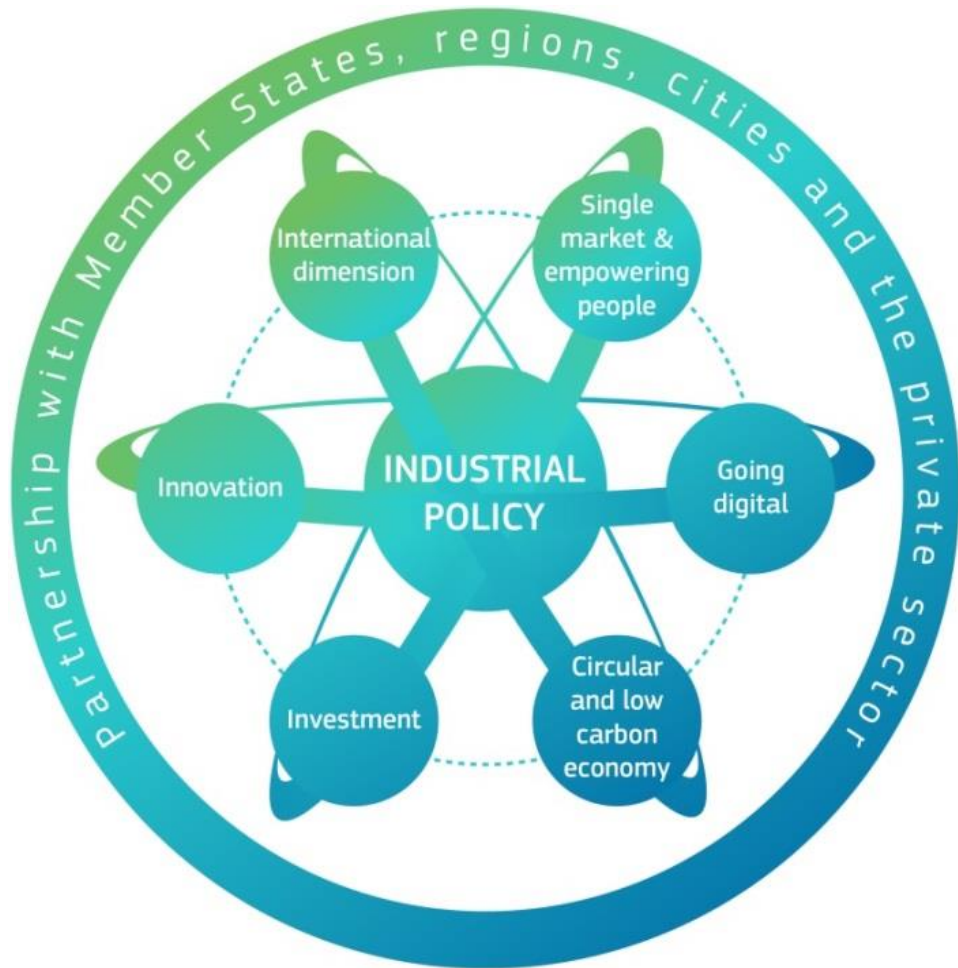




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Additional

Preparing for the Industry Challenge



Digitization

„Lithuanian Industry Digisation Roadmap 2019-2030“

Sustainable development:

Project 2019 - 2020:
„Roadmap for Lithuania’s industrial transition to a Circular Economy“

EU value chains:

Project 2019 - 2020:
“Preparation for the integration of Lithuanian industry into selected European value chains”

Smart specialisation

Priorities from the end of 2019 (LT)

1. Agro-innovation and food technologies
2. Energy and a sustainable environment
3. Health technologies and biotechnologies
4. Information and communication technologies
5. Inclusive and creative society
6. New production processes, materials and technologies
7. Smart, sustainable and integrated transport