

Exploring collaboration opportunities & synergies between RIS3 and EIT-RIS

European Commission JRC & EIT Climate-KIC

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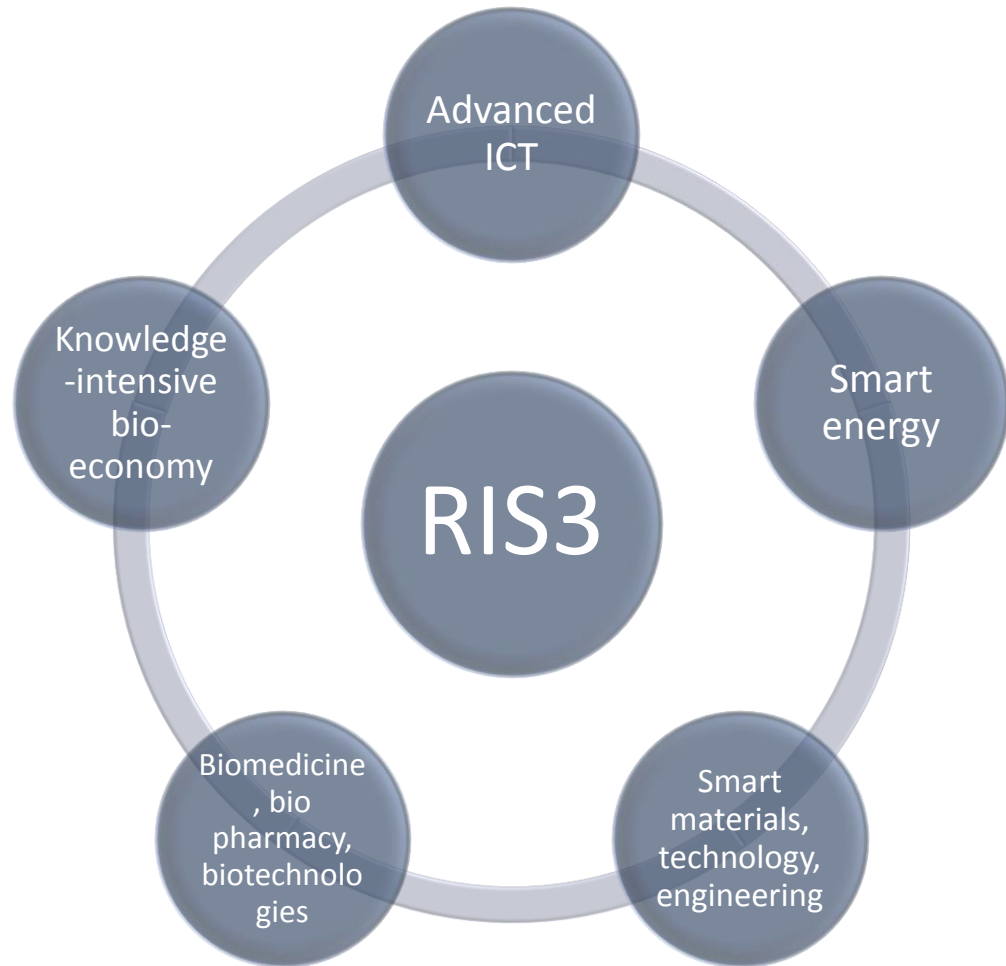


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Latvian Smart Specialization Strategy



The ultimate goal of Latvian smart specialization strategy is to foster transition to Industry 4.0

- Smart Energy: RIS3 horizontal priority, embedded into all actions
- Climate Adaptation and Circular Economy - not marked as separate areas of interest, as they are pursued in the course of transformation process

RIS3 is a platform for cooperation and idea sharing for all stakeholders shaping national innovation system. The main trigger of setting priorities is Entrepreneurial Discovery



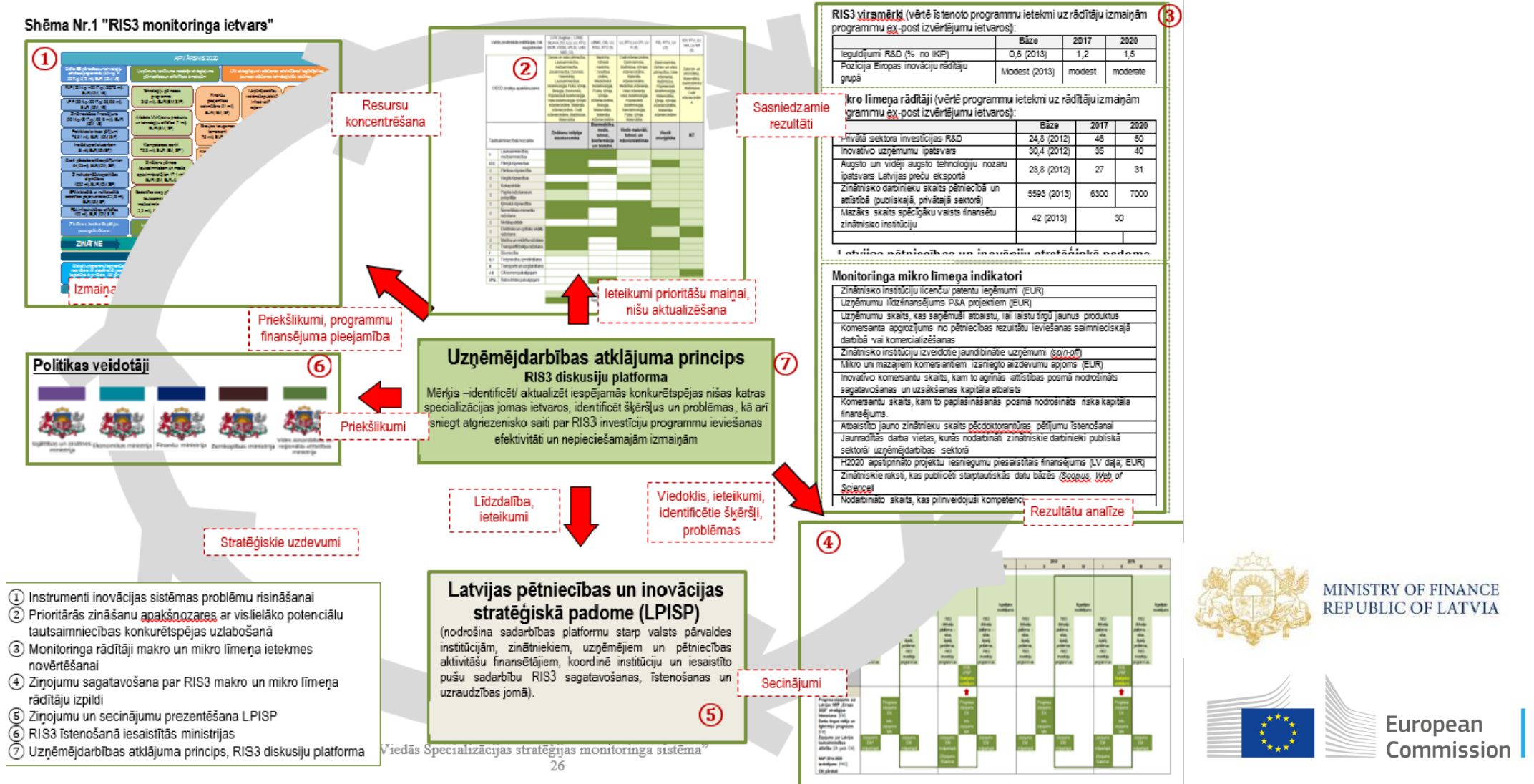
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Latvian Smart Specialization Strategy Monitoring Framework

Entrepreneurial discovery as a engaging factor



Latvian OP's Contribution to Energy Transitions/Climate Adaption/Circular Economy

All investments under TO1 must contribute to achievement of RIS3 goals

Preference for projects that correspond to RIS3 under TO3

Additional instruments contribute to sustainable growth:

- Preference for green procurement
- Requirements of energy efficiency for newly constructed and renovated buildings
- Enforcement of horizontal priorities

It is crucial to measure not the amount of funding, but the impact of intervention on the results achieved

		Allocation amount
TO1	RIS3 goals	467 519 706 EUR
TO3 TO8	Industry 4.0	314 254 657 EUR 510 213 088 EUR
TO4, infrastructure investments	Energy Transitions	480 213 088 EUR
TO5 TO6	Climate Adaptation	623 055 437 EUR 1 159 771 858 EUR
TO3 TO6	Circular Economy	314 254 657 EUR 1 159 771 858 EUR

Other Funding Sources for Energy Transitions/Climate Adaption/Circular Economy

EEA/Norway Grants	Funding for climate change mitigation, adaptation and environment. Set targets for 2014-2021 (total allocation 14 000 000 EUR): <ul style="list-style-type: none">• Improved climate change policy implementation in regional, local and sectoral level• Reduced risk of pollution from polluted sites 27 projects implemented during 2009-2014 (total allocation 10 365 000 EUR)
Horizon 2020	33 projects are being implemented with Latvian partners under work programme «Secure, Clean and Efficient Energy»
Interreg Europe	16 projects are being implemented in 2014-2020, 1 project under priority «Low-carbon economy»
Interreg Baltic Sea Region	8 projects are being implemented with Latvian partners under priorities «Renewable energy» and «Energy efficiency»
LIFE	46 implemented projects since 2001

WHAT IS THE ROLE OF RIS3?



Activities Undertaken under the EIT KICs Networks



Riga Technical University – the first institution in Latvia to become a full member of EIT Climate-KIC (in 2017)

Major projects implemented:

- Participation in the methodological evaluation of circular economy business game, conducting market research on climate policy in Latvia
- International conference and workshop «HOW TO: Commercialize»
- International conference «HOW TO: Engage in innovations»
- Hackathon «Climathon» aimed at bringing together stakeholders and finding solutions to the problem of street flooding in Riga within 24 hours

Riga Technical University actively takes part in Climate-KIC initiatives, e.g., Pioneers into Practice, ClimateLaunchpad etc.

Energy Transitions/Climate Adaption/Circular Economy: Expectations and Suggestions

Latvia's Low-Carbon Development Strategy 2050:

- Comprehensive energy efficiency:
 - Energy is produced using only renewable and innovative sources;
 - All new and renovated buildings conform with zero-energy building requirements
 - Industrial energy efficiency measures are more effective than industry benchmark
- Efficient and environmentally friendly transport
- R&D investments in low carbon technologies

To fulfil the set targets, additional support is welcomed:

- Strategic guidelines
- Co-finance mechanisms are already in place, what about availability of funds?
- Adjustment of innovation procurement procedures
- State aid simplification

Task for the future: How to trigger active involvement of the whole society?

Joint priority for R&D&I and SME competitiveness after 2020!