



OFFICE OF THE PRESIDENT OF THE  
REPUBLIC OF LITHUANIA

**STRENGTHENING OPEN INNOVATION POLICY  
THROUGH COLLABORATION  
LITHUANIA**

WIRE 2016, Eindhoven

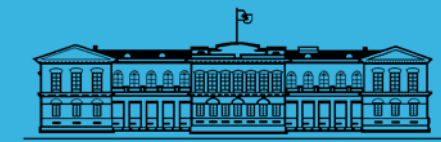
**dr. Saule Maciukaite-Zviniene**  
*Adviser to the President*  
*Education, Science and Culture Group*

# FACTORS SUPPORTING OPEN INNOVATION

**Culture**  
**Governance**  
**People**



***Open innovation can only happen if there is sufficient openness and participation from all actors involved (McLaughlin)***



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# R&D AND INNOVATION LANDSCAPE IN LITHUANIA

**5 integrated science, research and business centres  
(valleys)**

**26 Open Access Centers**

**23 universities: 14 state, 9 private**

**24 colleges: 13 state, 11 private**

**21 research institutes: 13 state, 8 private**

**17 300 researchers, 7 800 with PhDs**

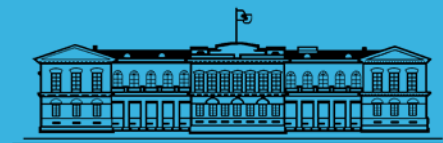


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# OPEN R&D LITHUANIA

*Open R&D Lithuania* represents the biggest excellence network of innovation infrastructure, services and competence in the Baltic countries.

*Open R&D Lithuania* network is the ecosystem, which brings together the science, innovation giants, and business with unique ideas.



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# E-SCIENCE GATEWAY



- Main access point to Lithuanian R&D infrastructure, services and competences
- Universities and research institutes promoting their facilities and know-how
- 
- Business may look for and apply for particular R&D services

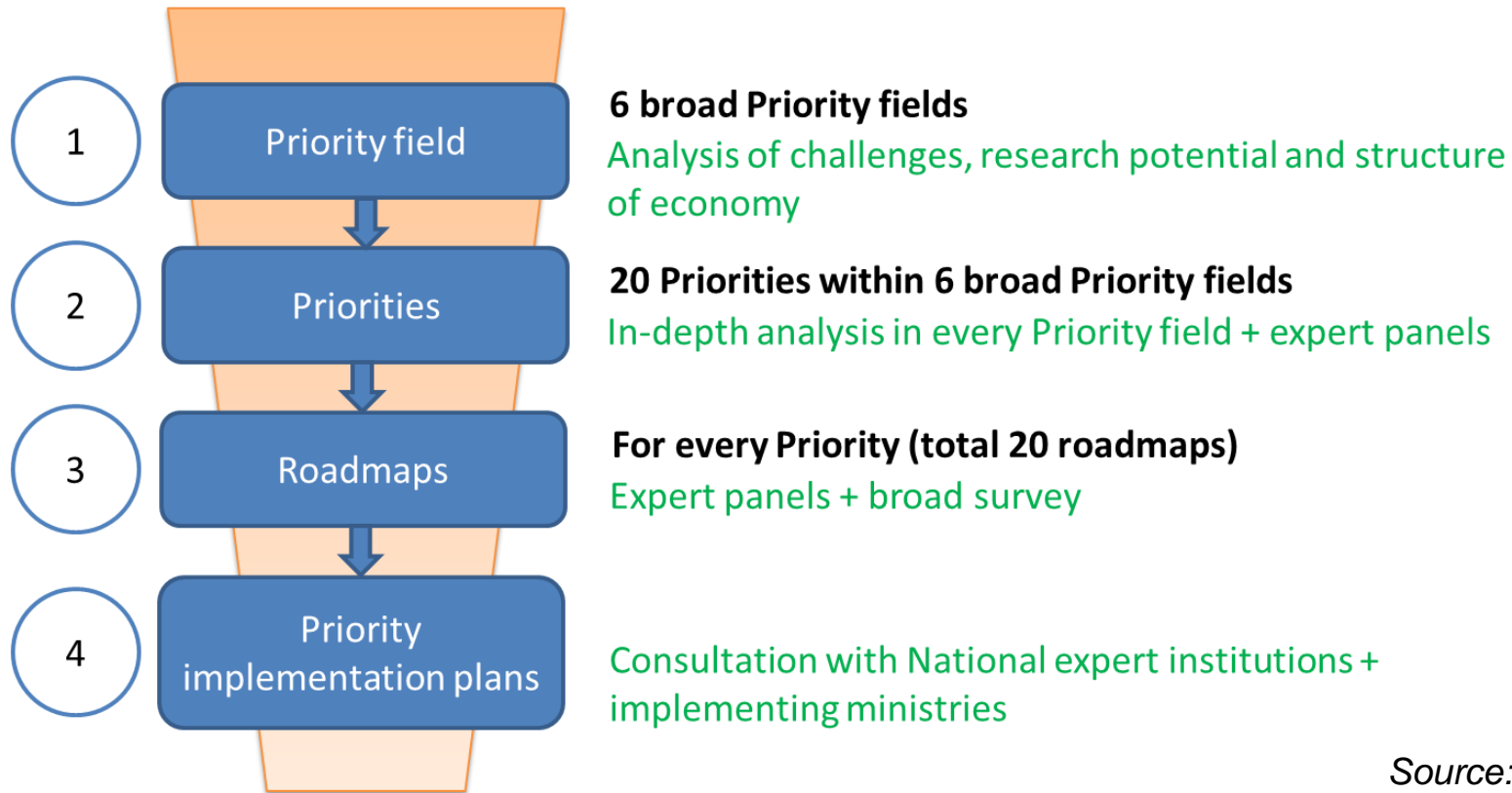
[www.e-sciencegateway.eu](http://www.e-sciencegateway.eu)



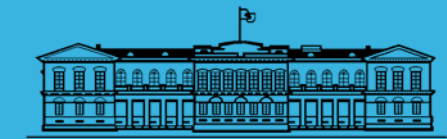
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# SMART SPECIALISATION

*sumani2020.lt* →



Source: [www.mosta.lt](http://www.mosta.lt)



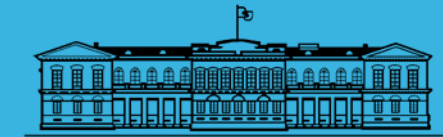
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# SMART SPECIALISATION

*sumani2020.lt* →

- **Implementation**
- **Successful coordination**
- **Keeping the process open and alive**
- **Having all the stakeholders involved**
- **Mindset/mentality is the most crucial success factor**
  
- **setting coherent and compelling criteria for making the Lithuanian Innovation Ecosystems flourish**
- **making best use of existing funding as well as a wider variety of funding mechanisms**
- **developing new instruments for innovative collaborative governance**

*Source: [www.mosta.lt](http://www.mosta.lt)*



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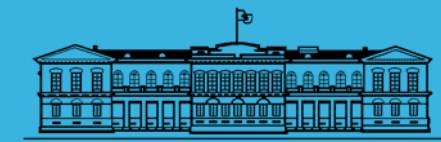


# SHAPING POLICY FOR THE FUTURE OF OPEN INNOVATION



# POLICY INSTRUMENTS FOR OPEN INNOVATION

- **R&D policy** (financial incentives, high quality intellectual property systems, foster the growth of IP intermediaries, rebalance policy towards institutions with publicly )
- **Education policy** (increase meritocracy in research funding, support enhanced mobility, improve ranking system)
- **Financial policy** ( grant tax incentives for SMEs, availability of venture capital funding, support the formation of spin-offs to commercialise research discoveries, reduce transaction costs for intellectual property)
- **Economy policy** (shift support from national champions towards SMEs and start-up companies, promote spinoffs from large companies and universities, promote innovation networks involving a mix of partners: universities, labs, start-up companies, multinationals, and governments)
- **Home affair policy** (accelerate the publication of government data, utilize open innovation in national procurement, foster commercial application of technologies developed for the government)



# PUBLIC ENGAGEMENT AND OPEN INNOVATION

## INNOVATIVE PUBLIC ENGAGEMENT PROCESSES\*

- developing more favourable regulatory environment for nanotech
- innovating means to cultivate hope and civic engagement
- providing an on-line platform for open innovation
- assessing risks and opportunities of future technologies
- innovating democracy
- evaluating the risks and opportunities of nanotechnologies
- engaging publics in strategy and policy development on bioenergy
- engaging community members in local systems of innovation
- innovating means to rebuild a city
- involving citizens in dialogue on future energy supply
- co-creating new products and services with start-ups and citizens
- developing new eParticipatory tools supporting spatial and strategic planning

\* Best European practices identified from 250 cases

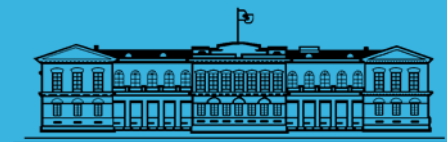
Source: [www.pe2020.eu](http://www.pe2020.eu)



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# SCIENCE DIPLOMACY AND OPEN INNOVATION

- **foster and spread new open innovation practices in EU countries and beyond;**
- **supportive of the EU's strategic priorities related to the efforts to 'open up' European research and innovations processes;**
- **enable partnerships between regions and countries;**
- **be matched by a more active one voice in global debates;**
- **build a global research area**



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# ART OF COLLABORATION FOR OPEN INNOVATION

*for discussion*

**Are we in motion or take action to build a global research area?**

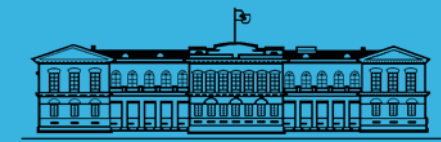


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# IMPROVE THE PROCESS

*For questions and remarks:*

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