



2014-2020 Operational Programme for the European Union Funds Investments in Lithuania

7<sup>th</sup> biannual international evaluation conference

## EVALUATION OF INNOVATIONS AND INNOVATIONS IN EVALUATION



MINISTRY OF FINANCE

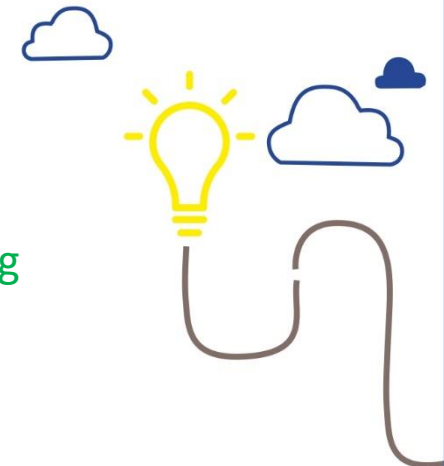
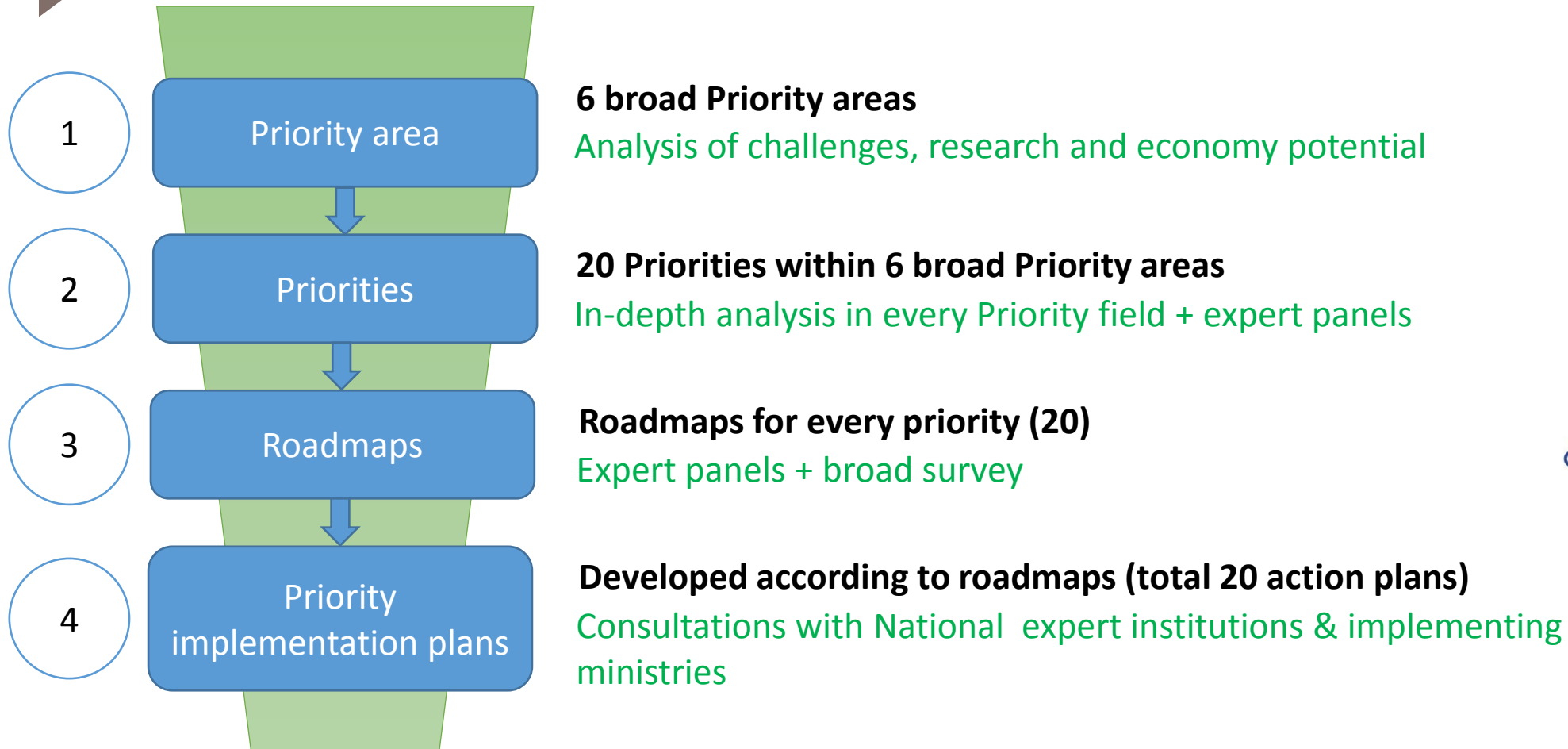


18-19<sup>th</sup> of May 2017

Sapiegos Vilnius Tech Park | Antakalnio str. 17 | Vilnius, Lithuania

**Smart specialization: process, priorities, monitoring and first results**

# From analysis to implementation



# Priorities

## **Agro-innovation and food technologies**

- Safer food
- Functional food
- Biorefinery

## **Energy and sustainable environment**

- Smart energy systems
- Energy from biomass, waste treatment
- Digital construction
- Solar energy

## **Health technologies and biotechnology**

- Molecular technologies
- Advanced technologies for health
- Advanced medical engineering

## **Inclusive and creative society**

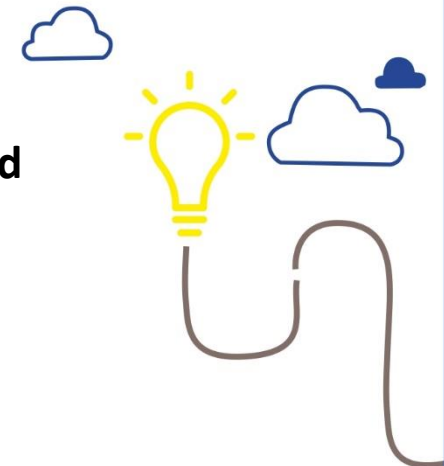
- Educational technologies
- Implementation of breakthrough innovations

## **Novel production processes, materials and technologies**

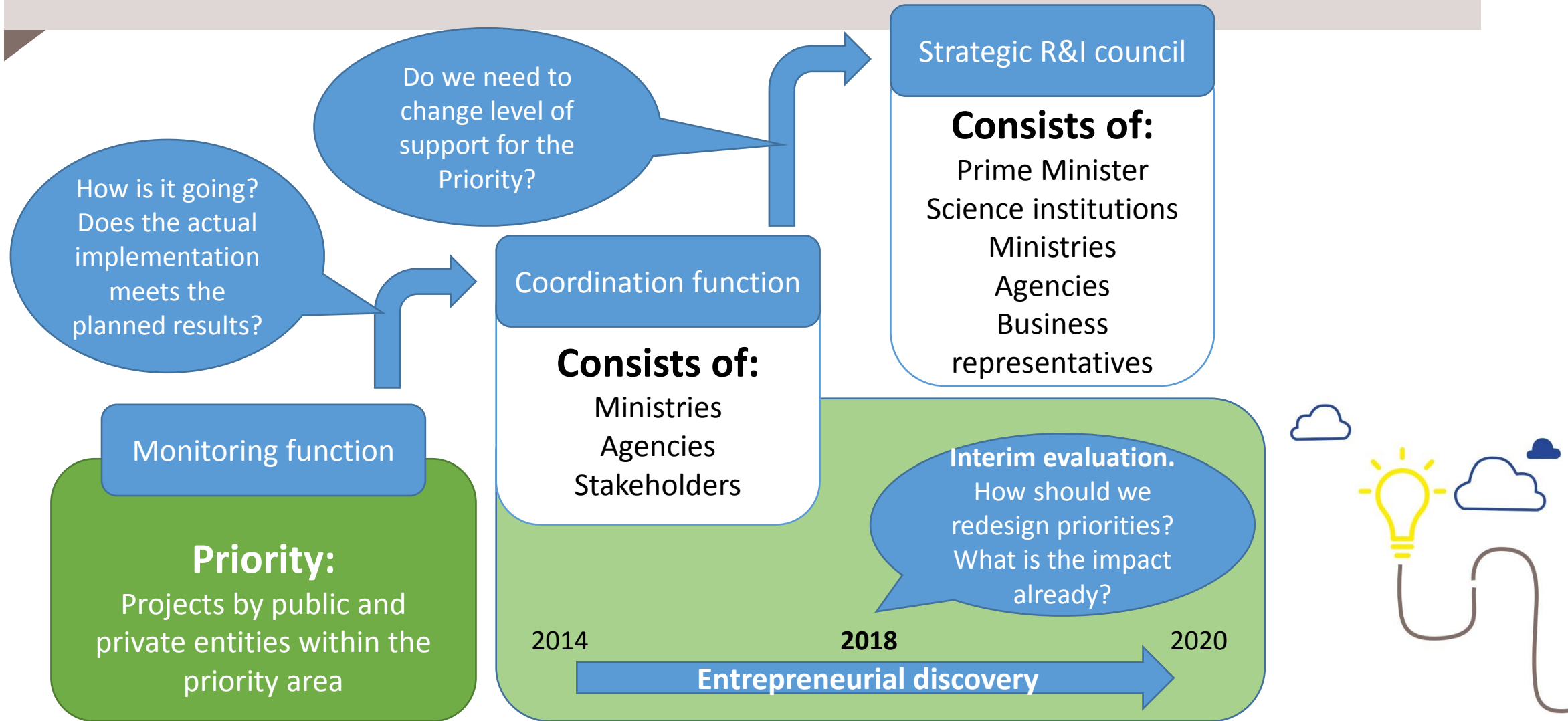
- Photonic and laser technologies
- Functional materials and coatings
- Structural and composite materials
- Flexible production systems

## **Transport, logistics and information and communication technologies**

- Smart transport systems and ICT
- International transport corridors
- Digital content
- Cloud computing and services



# Managing the monitoring function



# Smart specialization monitoring process

## Goal

Systematically collect data and evidence to help identify priorities' progress and help solve emerging issues for further development.

**Implementing institutions:** MOSTA and Ministry of the Economy

## Planned reports:

4 monitoring reports

2 impact assessment reports

1 final report.

## Smart specialization monitoring indicators

Resource indicators

Product and result indicators

The context / impact indicators



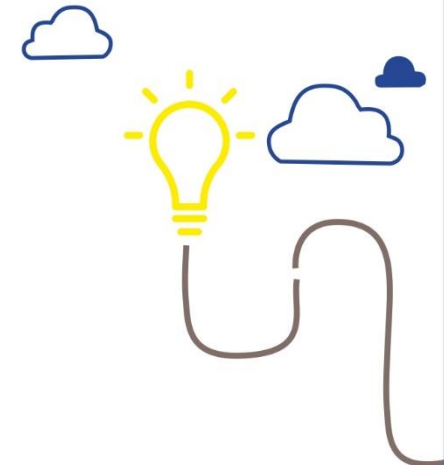
# Monitoring report No.1: indicators

## RESEARCH

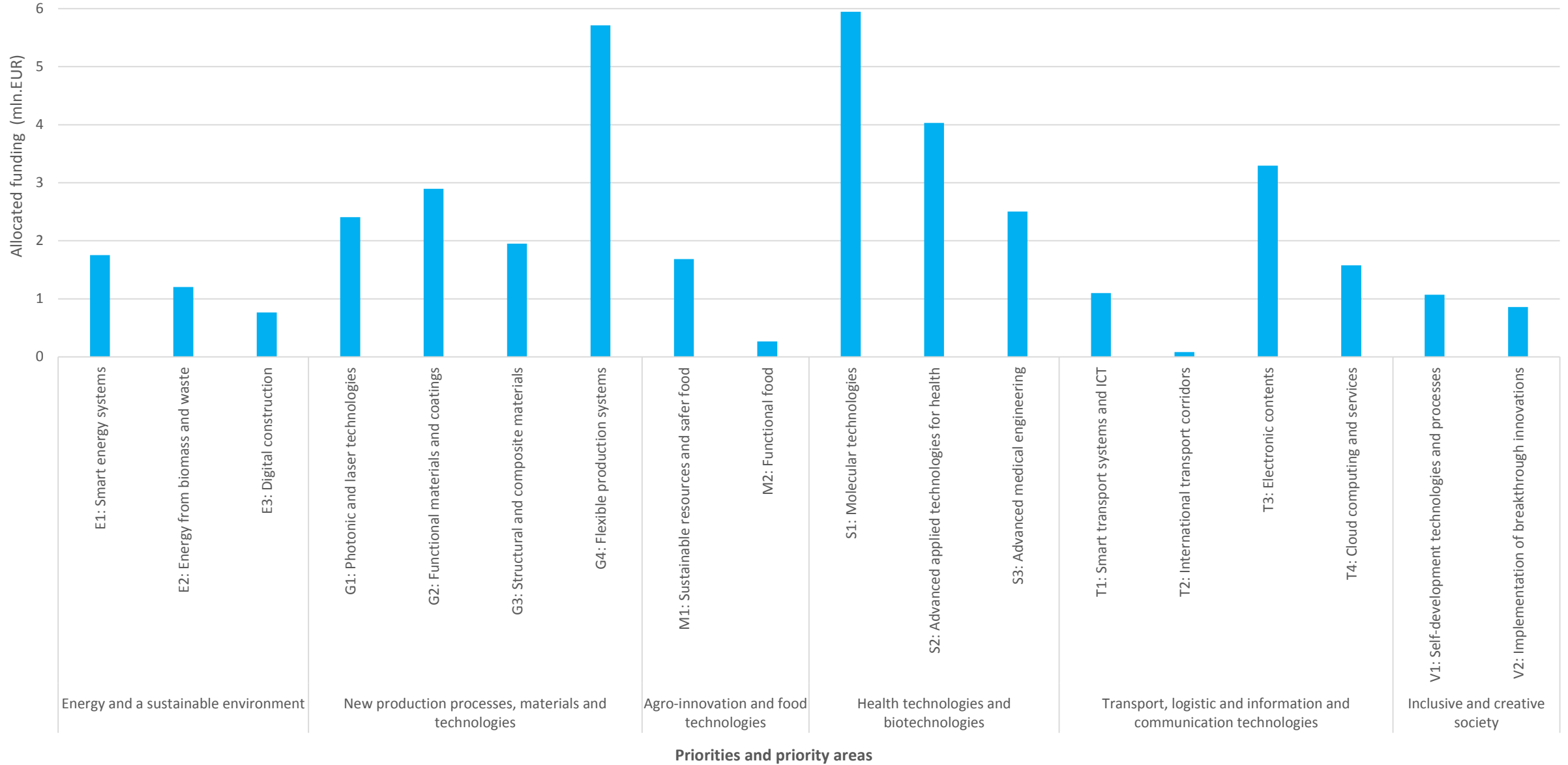
- Q1 publications
- Normalised citation index
- International collaboration
- Patent applications

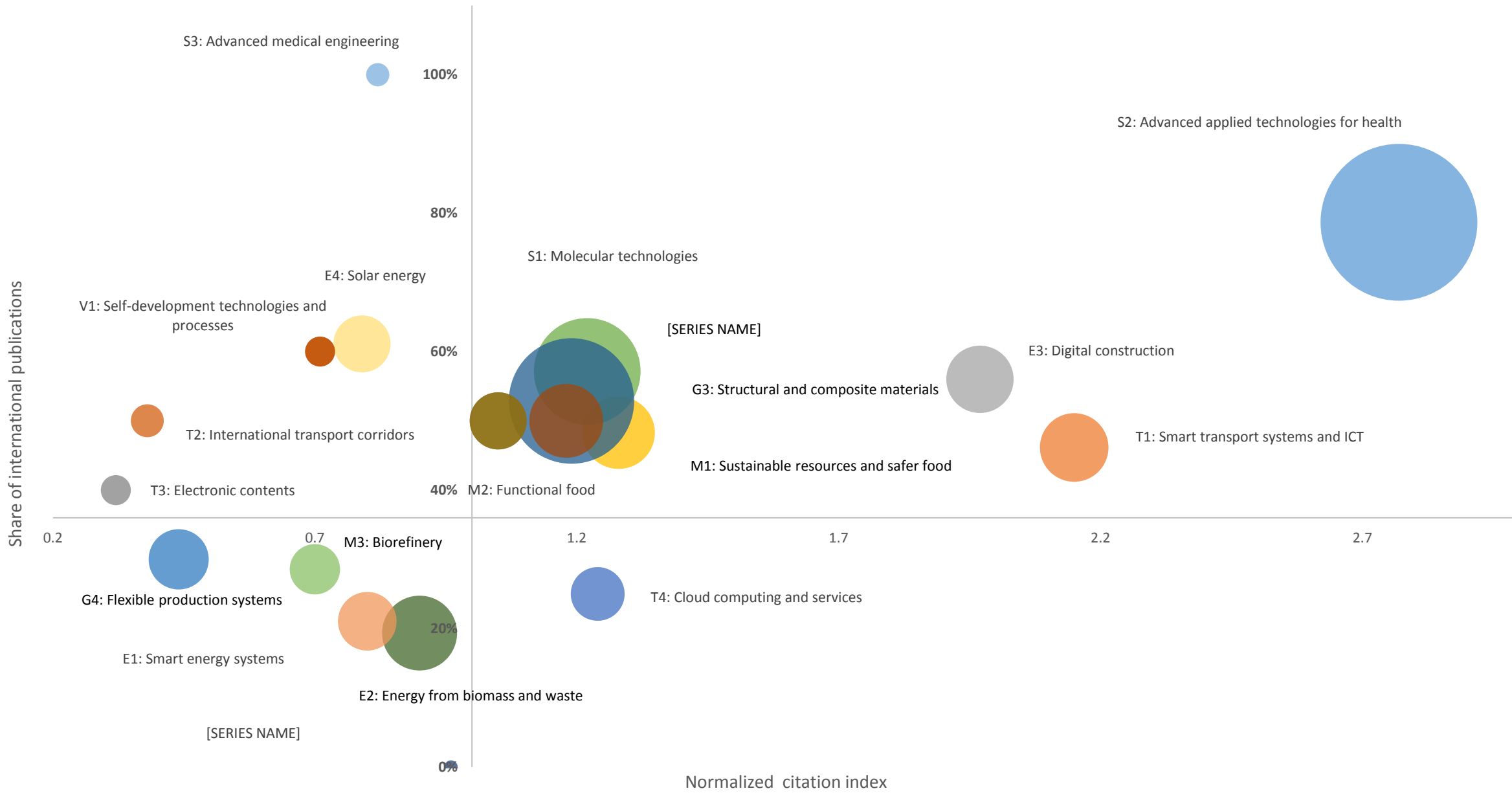
## R&D PROJECTS

- Application evaluation scores
- Correspondence to R&D and Smart specialisation criteria
- Concentration in technologies
- Financing from EU tendering measures (H2020)
- Financing from national tendering measures („Intelektas“)



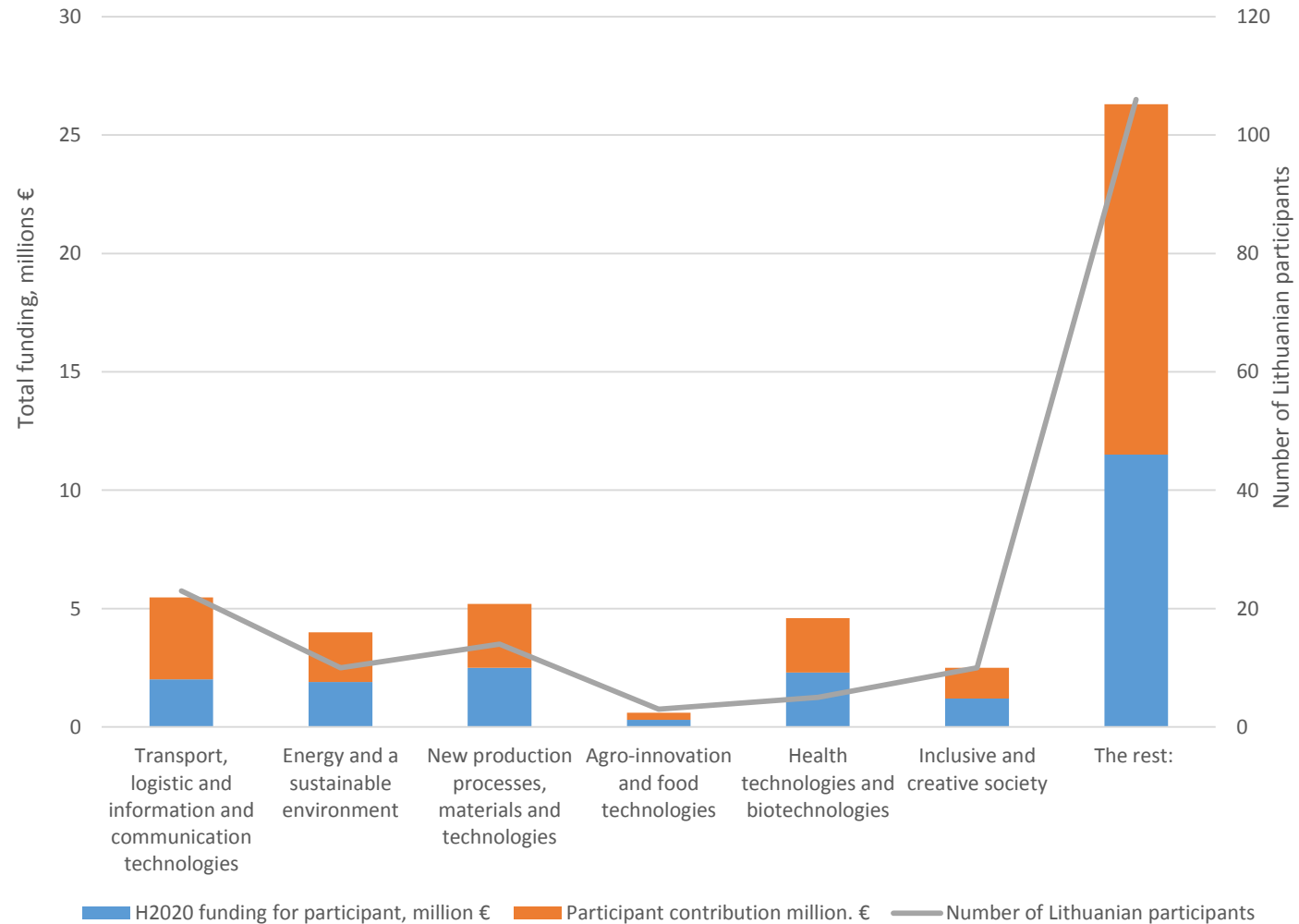
### Measure's "Intelektas" value of financed projects







# H2020 projects



# Current state of priorities

## Inventors

Advanced medical engineering (S3)  
Smart energy systems (E1)  
Solar energy (E4)

## High critical mass

Molecular technologies (S1)  
Advanced technologies for health (S2)  
Photonic and laser technologies (G2)  
Functional materials and coatings (G1)  
Structural and composite materials (G3)

## Moderate results, (mixed priorities)

Flexible production systems (G4)  
Functional food (M2)  
Cloud computing and services (T4)

## Modest results

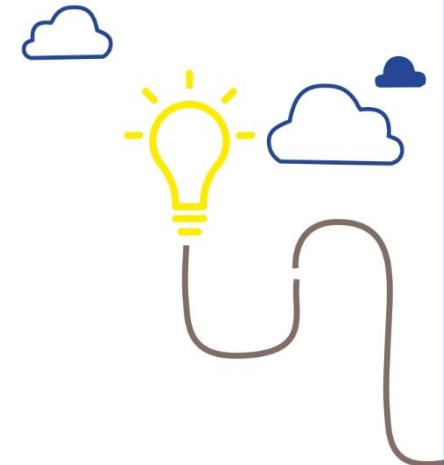
Digital content (T3)  
Implementation of breakthrough innovations (V2)  
Educational technologies (V1)  
International transport corridors (T2)  
Biorefinery (M3)

## Features:

- 63 to 214 Q1 publications, 2/3 with foreign co-authors
- 33 patents overall
- Intensive financing from „Intelektas“ / „Horizon 2020“ measures (20 mln. Eur. overall)

## Publishers

Energy from biomass, waste treatment (E2)  
Smart transport and ICT systems (T1)  
Digital construction (E3)  
Safer food (M1)



# Thank you for your attention!



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