



**CENTER**  
FOR PHYSICAL SCIENCES  
AND TECHNOLOGY

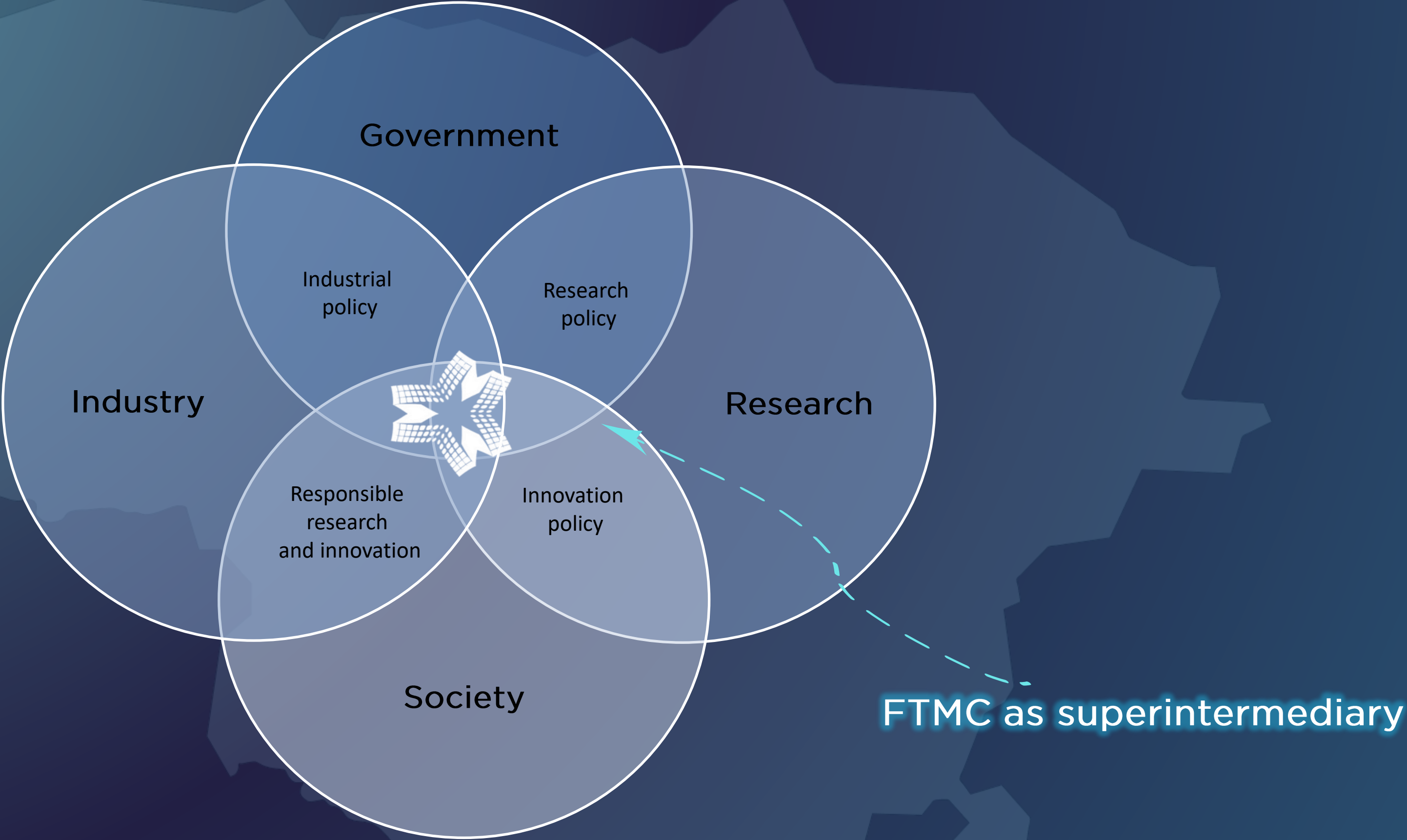
*This document is a translation of the original Lithuanian text.*

# Redefining the Boundaries of Possibility

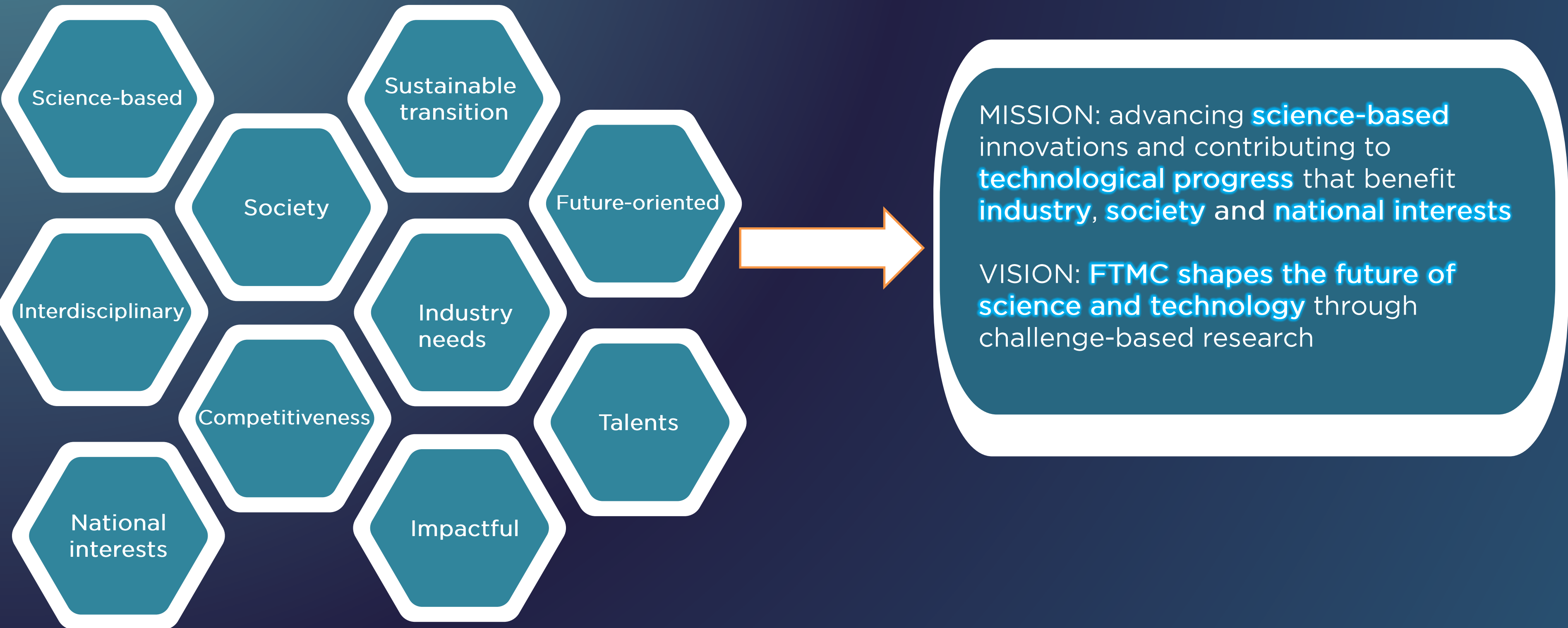
## Strategic Areas 2025-2035



# FTMC WITHIN LITHUANIA'S RESEARCH ECOSYSTEM



# What matters to us





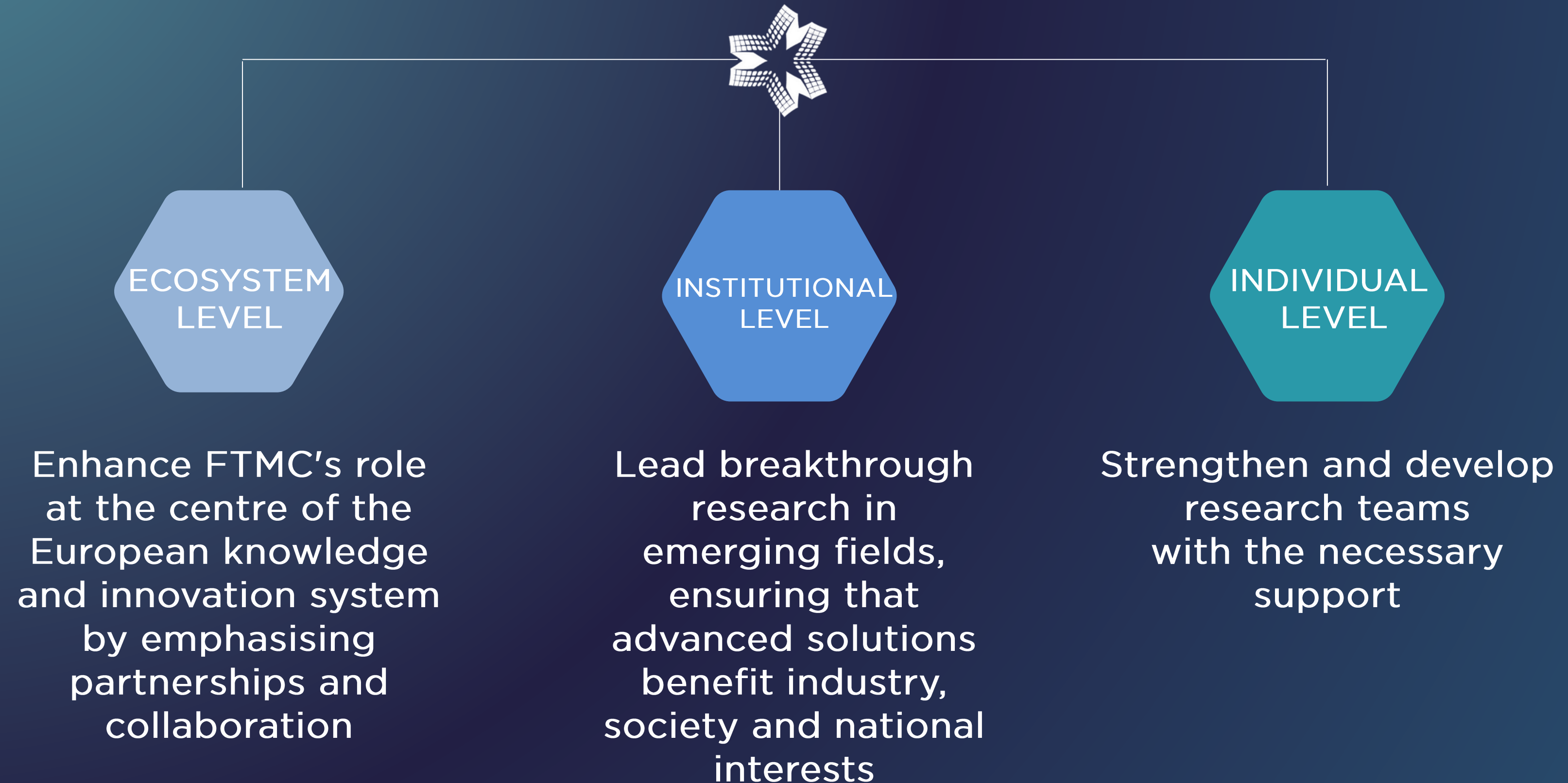
# FTMC strategic principle

**Challenge-based research  
and innovation**





# Strategic objectives of FTMC across various system levels





# Strategic objective

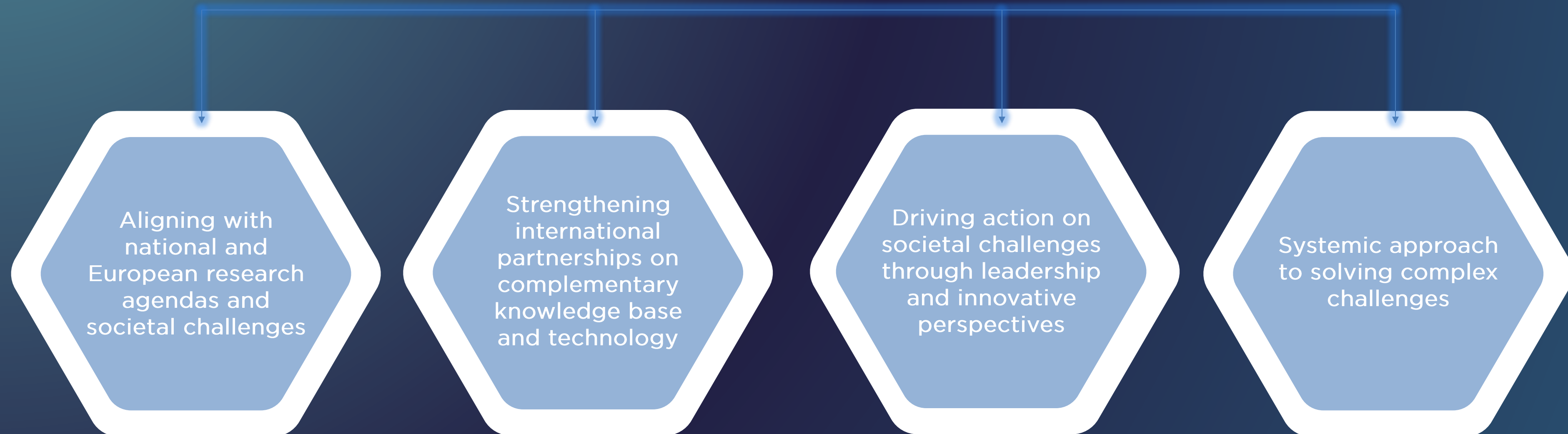


Enhance FTMC's role at the centre of the European knowledge and innovation system by emphasising partnerships and collaboration



## Strategic objective

Enhance FTMC's role at the centre of the European knowledge and innovation system by emphasising partnerships and collaboration



## Strategic objective

Enhance FTMC's role at the centre of the European knowledge and innovation system by emphasising partnerships and collaboration

### KPIs:

- ⬡ Higher engagement levels in EU-funded programmes (such as Horizon Europe, EIT, ERC grants)
- ⬡ Annual growth in European funding share
- ⬡ Enhanced strategic collaborations with diverse ecosystem stakeholders, including research institutions and national and European policymakers
- ⬡ Increasing involvement in international networks, partnerships, working groups, expert panels
- ⬡ Rising number of policy recommendations and advisory contributions





# Strategic objective

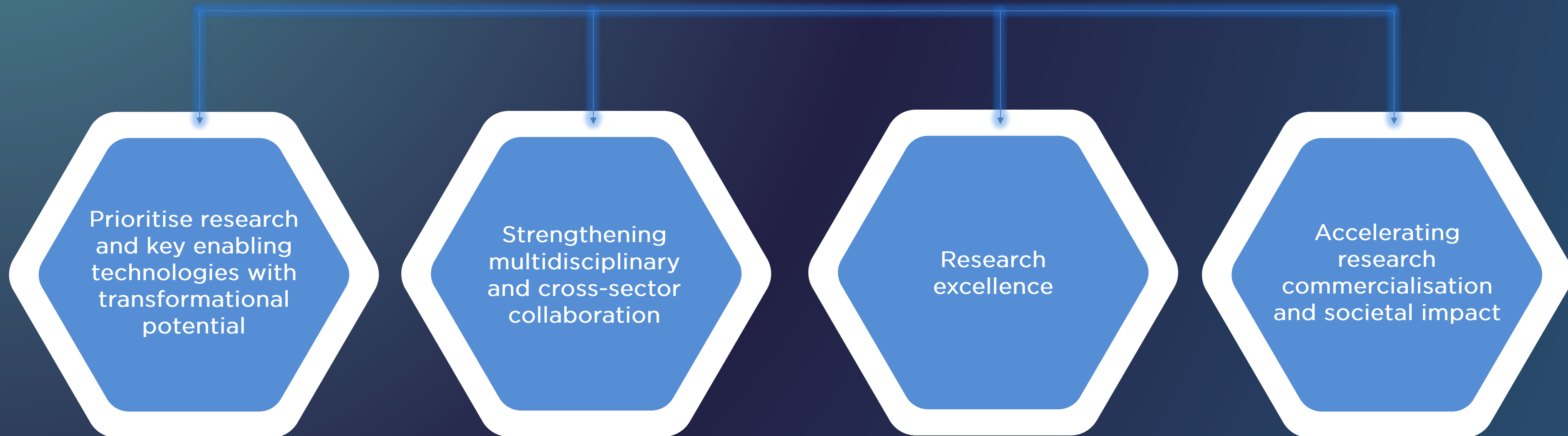
INSTITUTIONAL  
LEVEL

Lead breakthrough research in emerging fields, ensuring that advanced solutions benefit industry, society and national interests



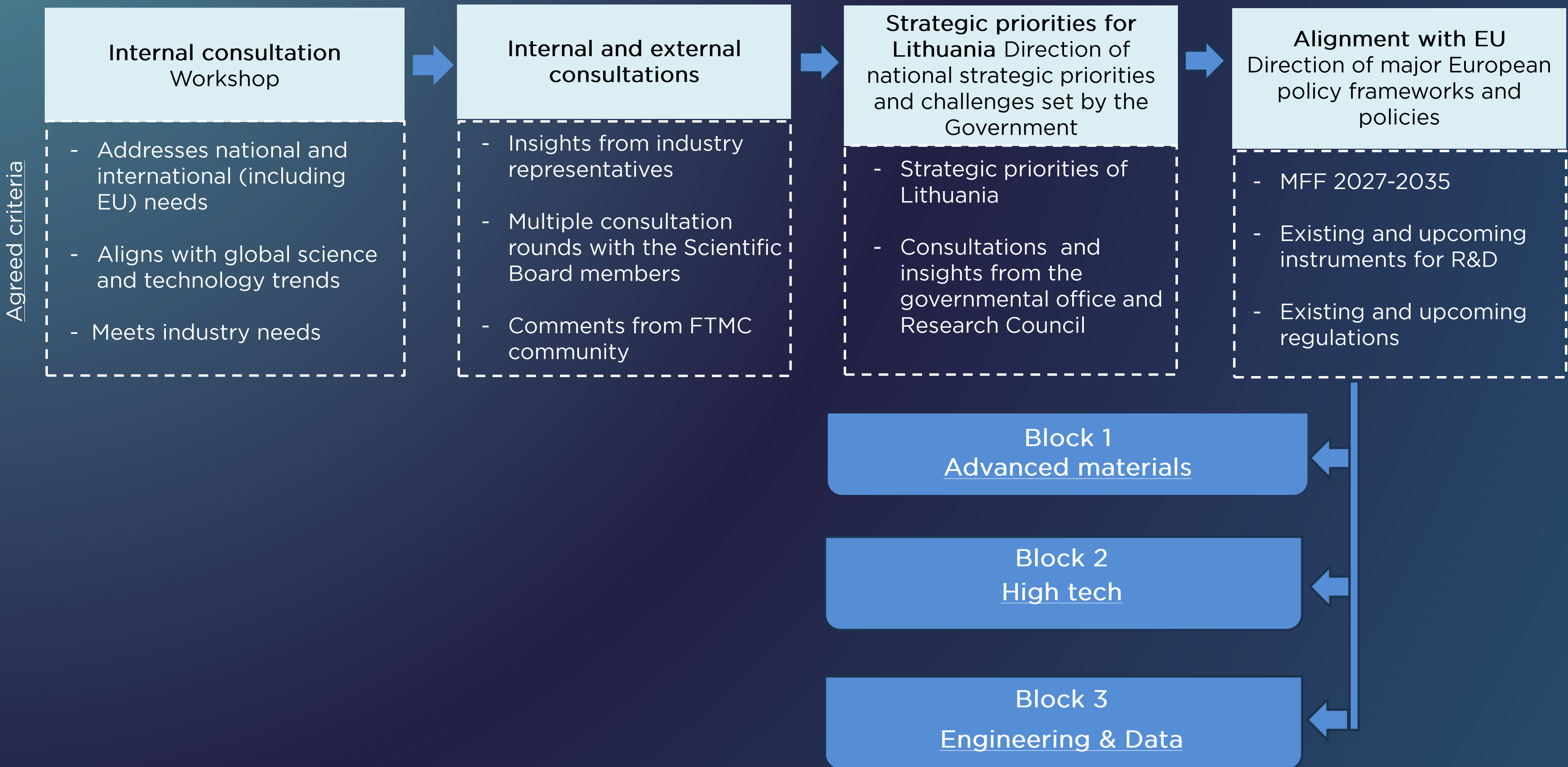
# Strategic objective

Lead breakthrough research in emerging fields, ensuring that advanced solutions benefit industry, society and national interests





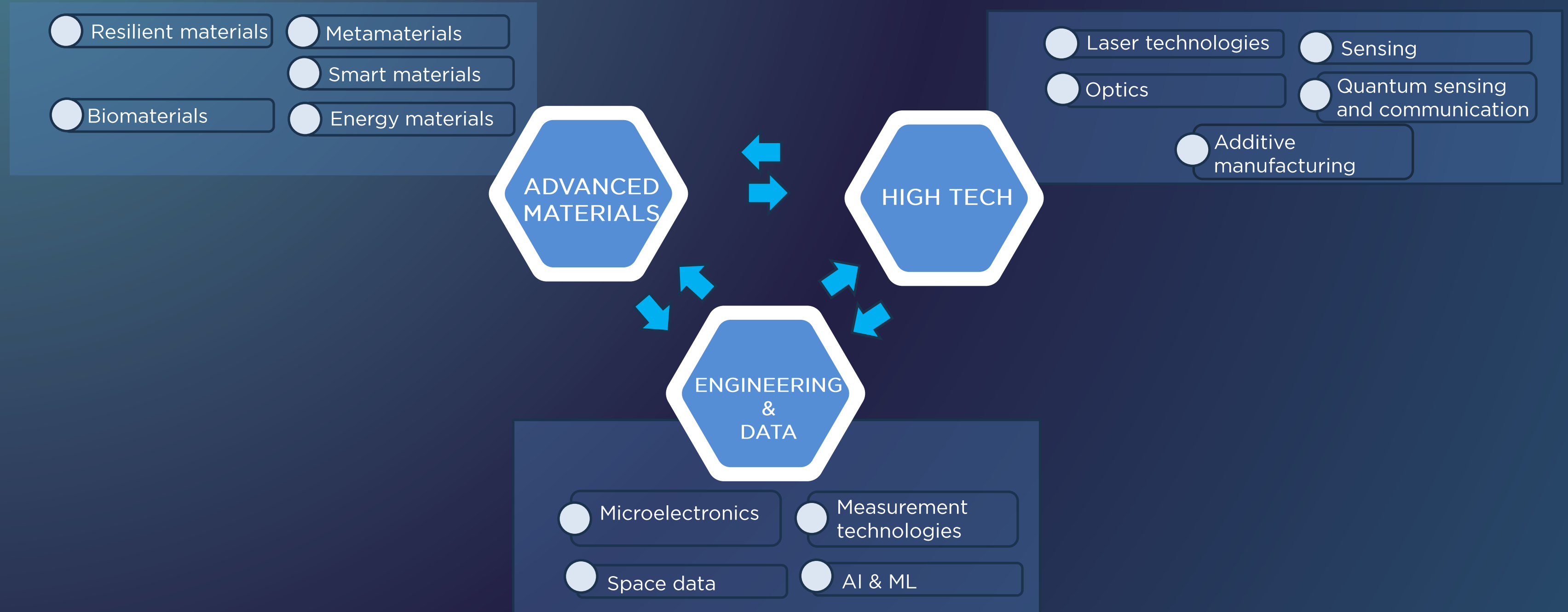
# Process for establishing thematic research directions







# Research directions





# Focus on application areas

Specific  
FTMC priority



Defence



Health and  
quality of life



Sustainable environment



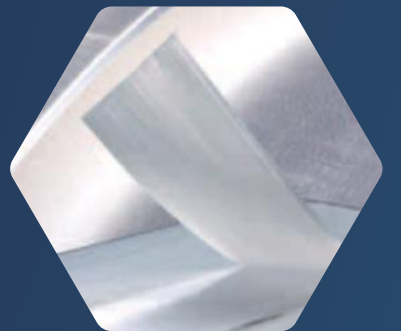
Transport  
& Mobility



Manufacturing

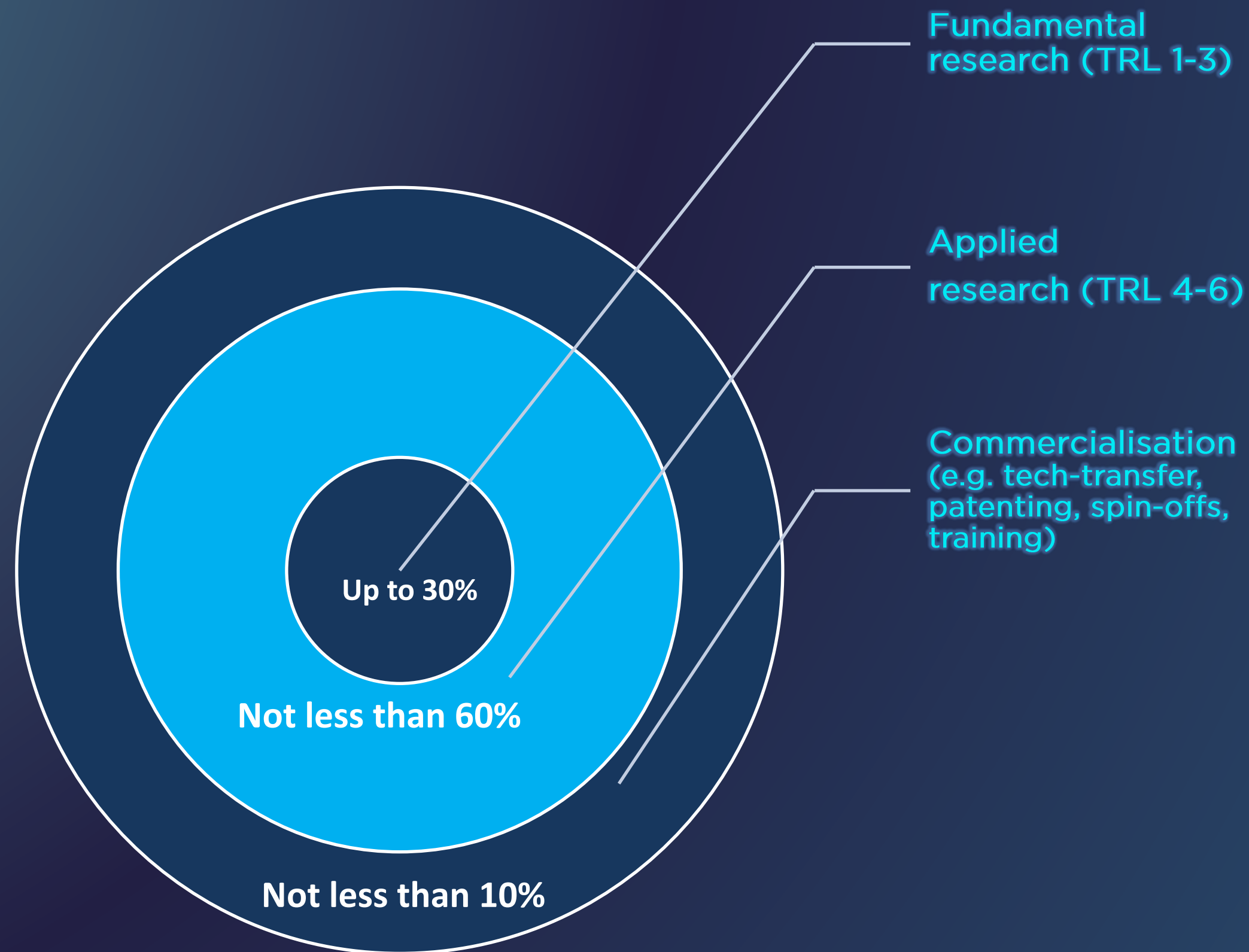


Space



Digital society

# FTMC activity portfolio





# Strategic objective

Lead breakthrough research in emerging fields,  
ensuring that advanced solutions benefit industry,  
society and national interests

## KPIs:

- ⬢ An increasing number of technology licences, patents and established spin-off companies
- ⬢ Improved metrics in collaborative publications with leading research institutions
- ⬢ More researchers appointed to international scientific committees and editorial boards
- ⬢ Increased research projects co-funded by industry and public-private partnerships
- ⬢ Increased share of publications in high-impact journals



# Strategic objective

INDIVIDUAL  
LEVEL

Strengthen and develop research teams  
with the necessary support



## Strategic objective

Strengthen and develop research teams  
with the necessary support







## Strategic objective

Strengthen and develop research teams  
with the necessary support

### KPIs:

- ⬡ Growing researchers' mobility and international/interdisciplinary collaboration
- ⬡ Strengthened interdisciplinary research teams established across FTMC units
- ⬡ Growing participation of researchers in training programmes, workshops, and summer schools
- ⬡ Increased funding for top-performing researchers based on impact
- ⬡ Established mentorship and talent development programmes for early-career researchers
- ⬡ Improved gender balance among research staff
- ⬡ Proportion of high-impact publications and commercialisation efforts



**CENTER**  
FOR PHYSICAL SCIENCES  
AND TECHNOLOGY

