



Research and Innovation in Luxembourg

Ian CRESSWELL | 27 NOVEMBER 2014

LUXINNOVATION



RDI LANDSCAPE IN LUXEMBOURG

Key figures:

➤ R&D personnel (as FTE): approx. 5,700 (2012)

- Of which 64% in the private sector

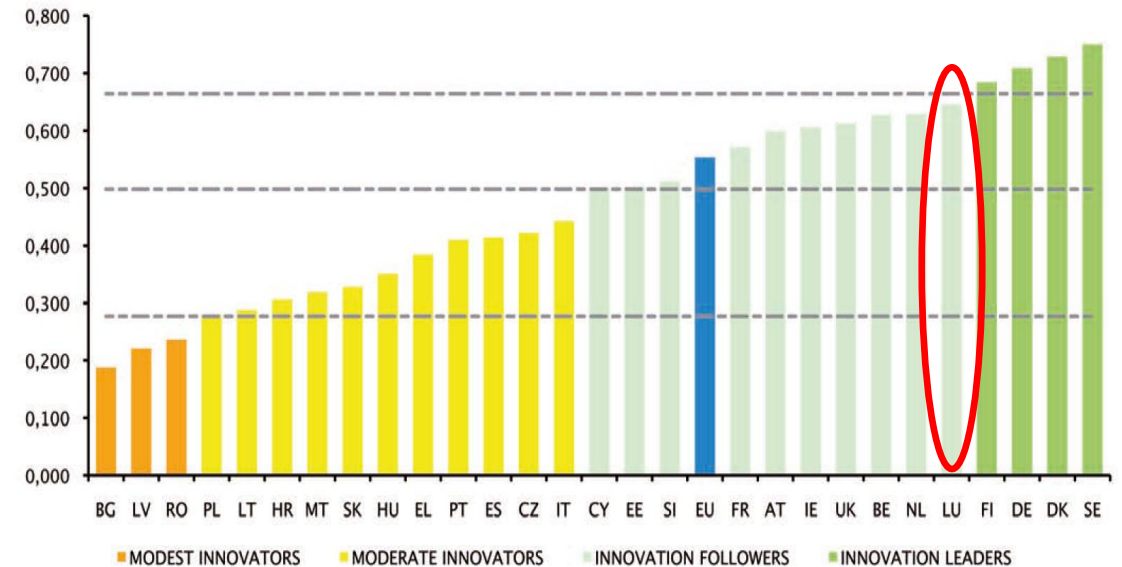
➤ R&D and innovation expenses: 1,46% of GDP (2012)

- Of which 1.0% in the private sector
- Objective 2020: 2.3 - 2.6% of GDP

➤ Public credit budget for R&D: €292.3 million (2013)

- Increased by factor of 10 since 2000

Figure 1: EU Member States' innovation performance



PUBLIC RESEARCH IN LUXEMBOURG

University of Luxembourg

- 7 Law, Economics & Finance
- 7 Science, Technology & Communications
- 7 Language & Literature, Humanities, Art and Education
- 7 Interdisciplinary Centre for Security, Reliability and Trust (SnT)
- 7 Luxembourg Centre for Systems Biomedicine (LCSB)

Public Research Centre for Health

- 7 Translational Cardiovascular Research
- 7 Immunology
- 7 Oncology
- 7 Public Health
- 7 Infection and Immunity
- 7 Clinical and Epidemiological Investigation Centre
- 7 Luxembourg Biomedical Research Resources
- 7 Methodology and statistics

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PUBLIC RESEARCH IN LUXEMBOURG

Public Research Centre Gabriel Lippmann

- 7 Environment and Agro-biotechnologies
- 7 Science and Analysis of Materials
- 7 Informatics, Systems and Collaboration



Public Research Centre Henri Tudor

- 7 Service Science Innovation
- 7 Advanced Materials and Structures
- 7 Environmental Technologies
- 7 Healthcare Technologies
- 7 Technology Watch
- 7 Knowledge Transfer and Training Centre (SITec)



As of 1 January 2015, Lippmann and Tudor will become the **Luxembourg Institute for Science and Technology**

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PUBLIC RESEARCH IN LUXEMBOURG

➤ **CEPS/Institute: Research in Social and Economic Sciences**

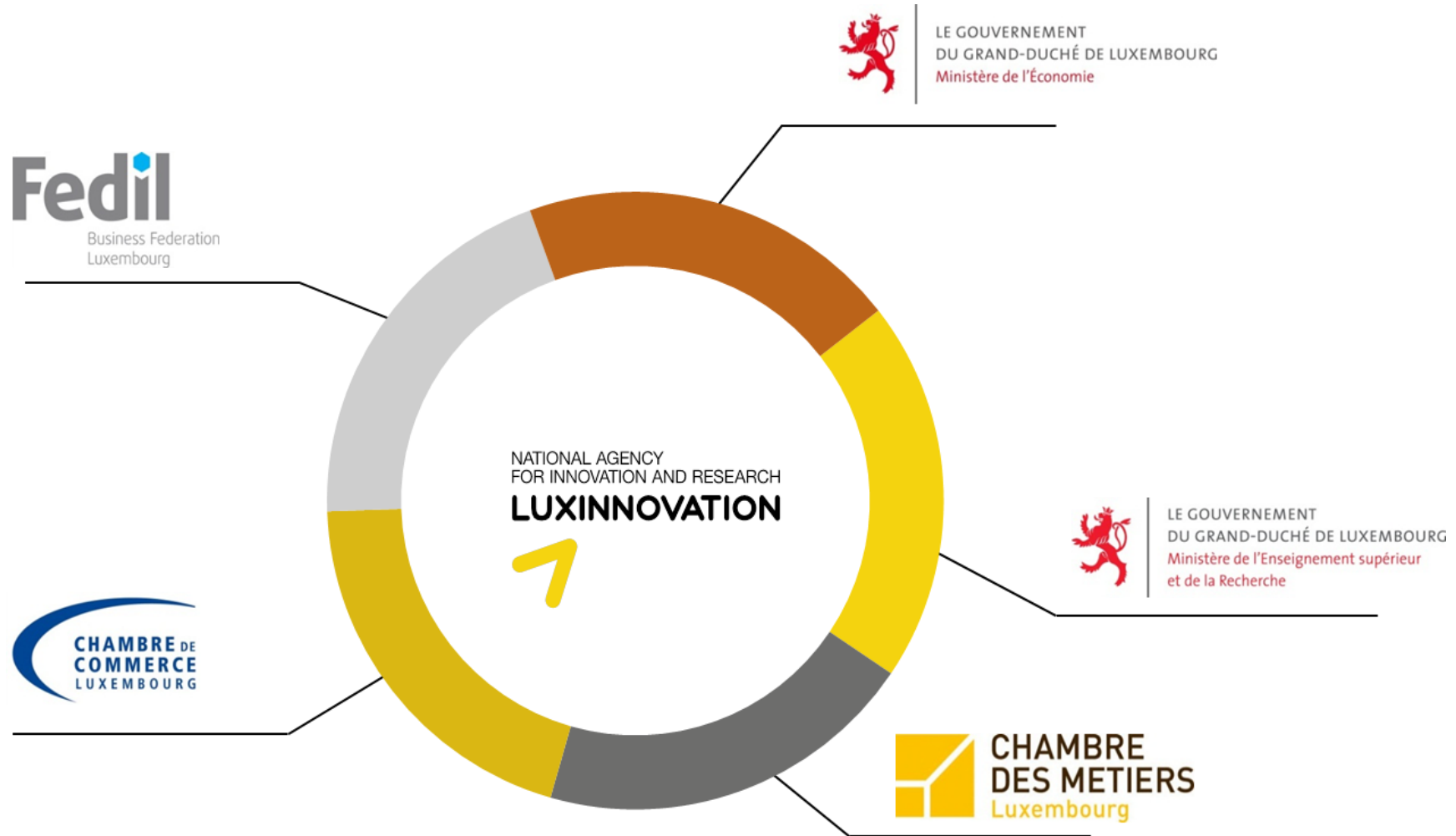


➤ **CVCE: Research in Social Sciences and Humanities**



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THE NATIONAL AGENCY FOR INNOVATION AND RESEARCH



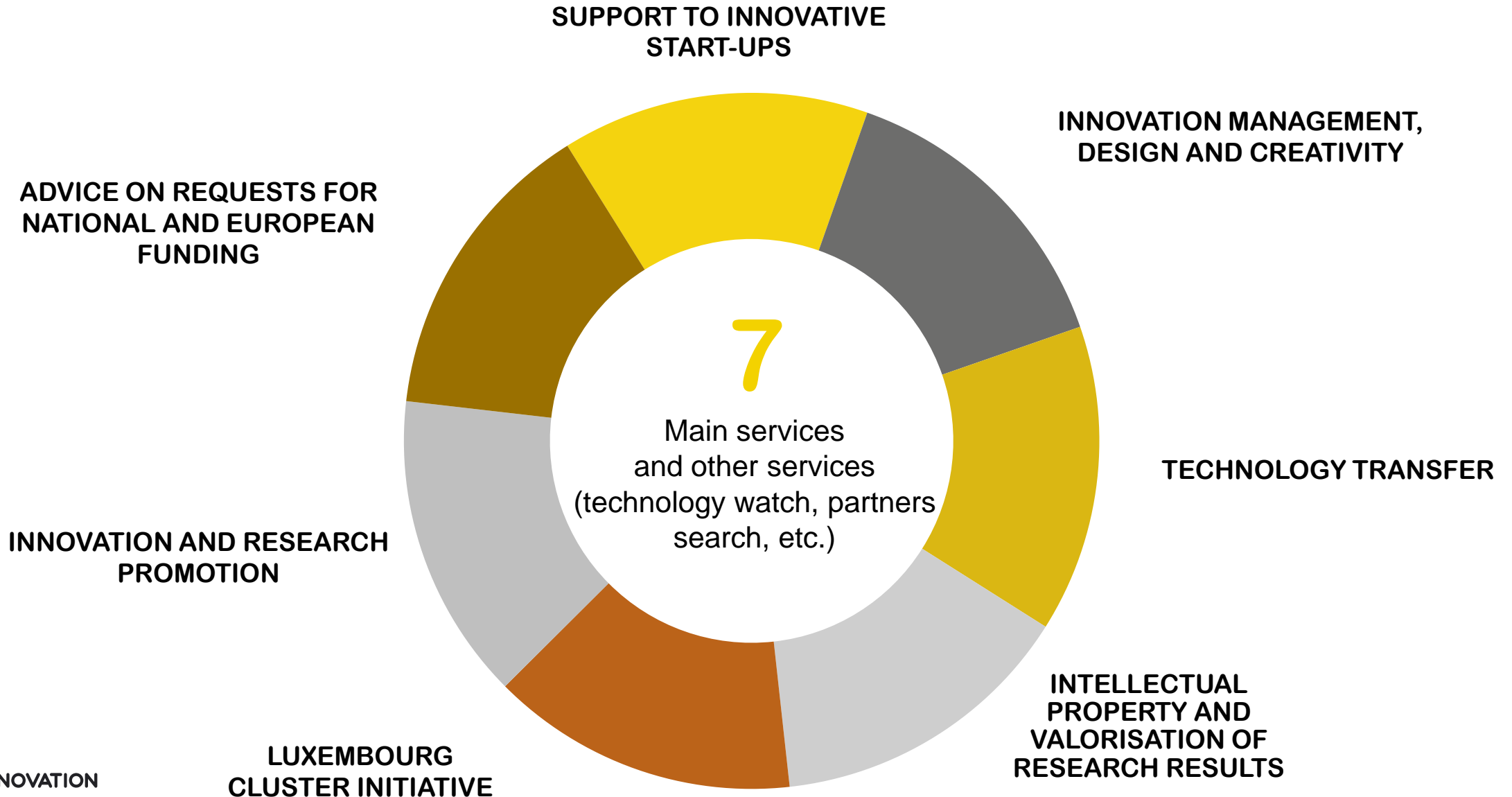
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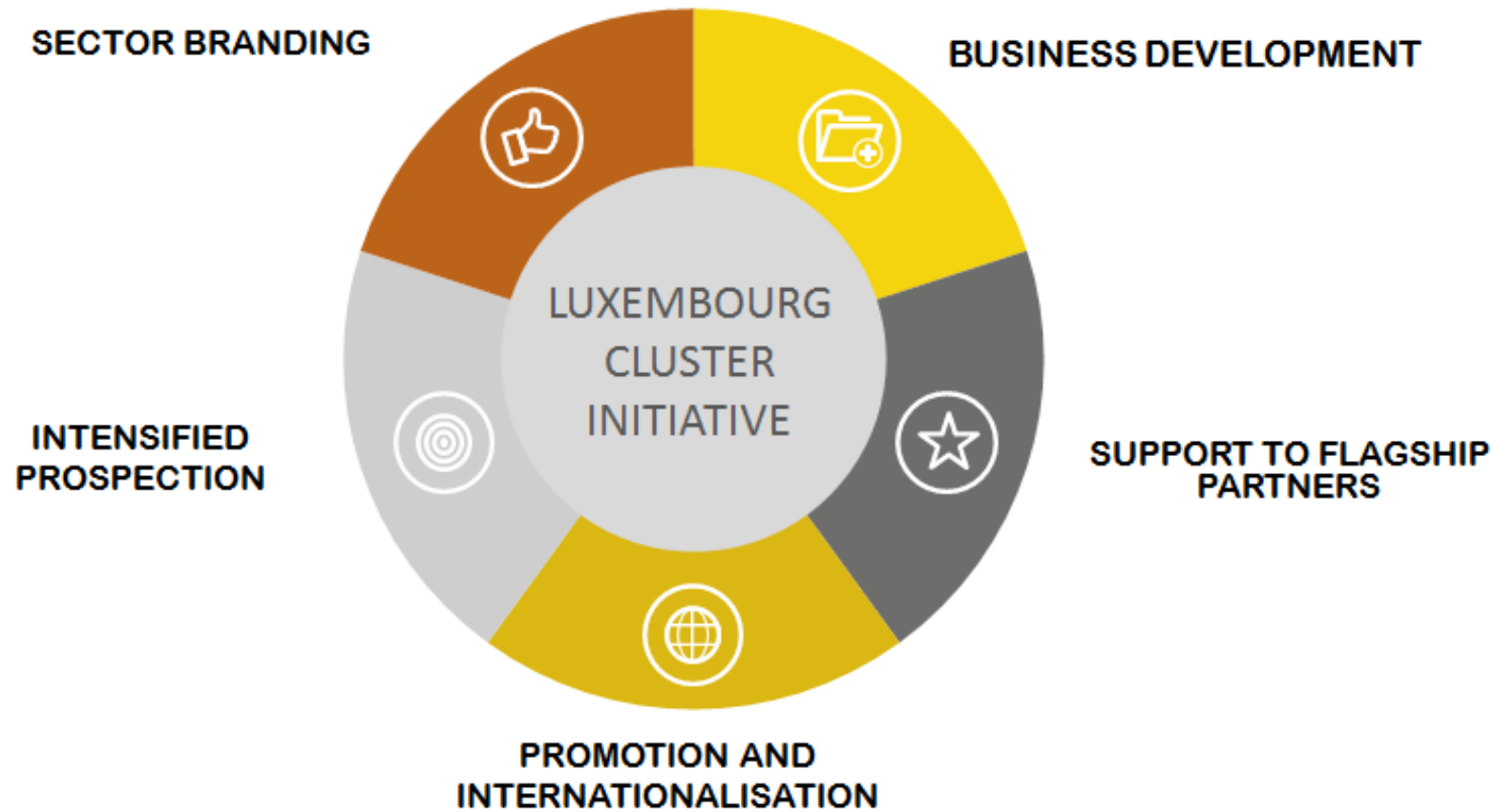
WHAT DOES LUXINNOVATION DO ?

- Contribute to **enhancing** RDI skills of start-ups, SMEs and large enterprises
- Participate in the **intensification** of RDI activities carried out by researchers within the public research organisations
- Help to **develop** a sustainable culture of research and innovation in Luxembourg

OUR SERVICES



LUXEMBOURG CLUSTER INITIATIVE



FUTURE PERSPECTIVE: « CITÉ DES SCIENCES »



Integrated Concept

- Higher Education and Research
- Student life
- Innovative start-ups
- Support Services
- Cultural life, sports and leisure

Will host

- University of Luxembourg
- CRPs Lippmann and Tudor
- CEPS/Instead
- Technoport, the National Incubator
- RDI support organisations

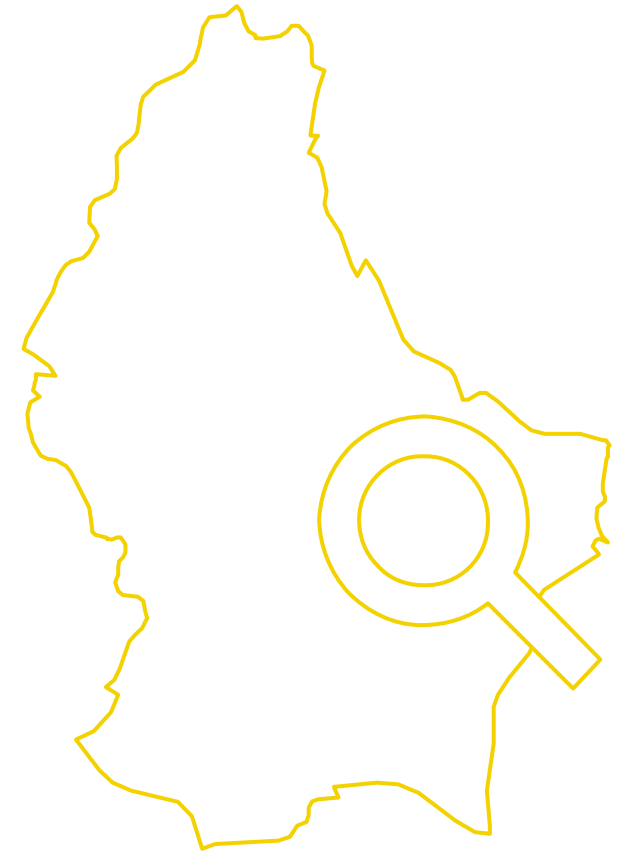


**Restructuring of
industrial
wasteland
of Southern
Luxembourg**

**Total investment:
about 1 billion EUR**

LUXEMBOURG: AN **ATTRACTIVE LOCATION** FOR R&D AND INNOVATION

- An ideal infrastructure for R&D and Innovation
- A dynamic research community
- A full range of support measures
- An interesting IP destination
- A highly skilled, multinational workforce



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Teşekkür ederim

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