



Luxembourg Business Sectors & Clusters

Luxinnovation

NATIONAL AGENCY FOR INNOVATION AND RESEARCH

NATIONAL AGENCY
FOR INNOVATION AND RESEARCH

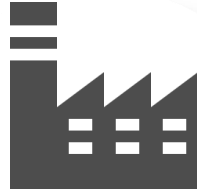
LUXINNOVATION



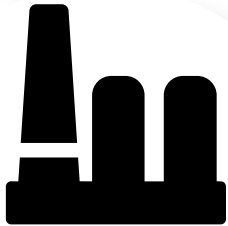
Luxembourg: constant evolution



Agriculture



**Industrial
diversification**



**Industrialisation
iron and steel**



Financial sector



**Focus on
key innovation sectors**

1850

1900

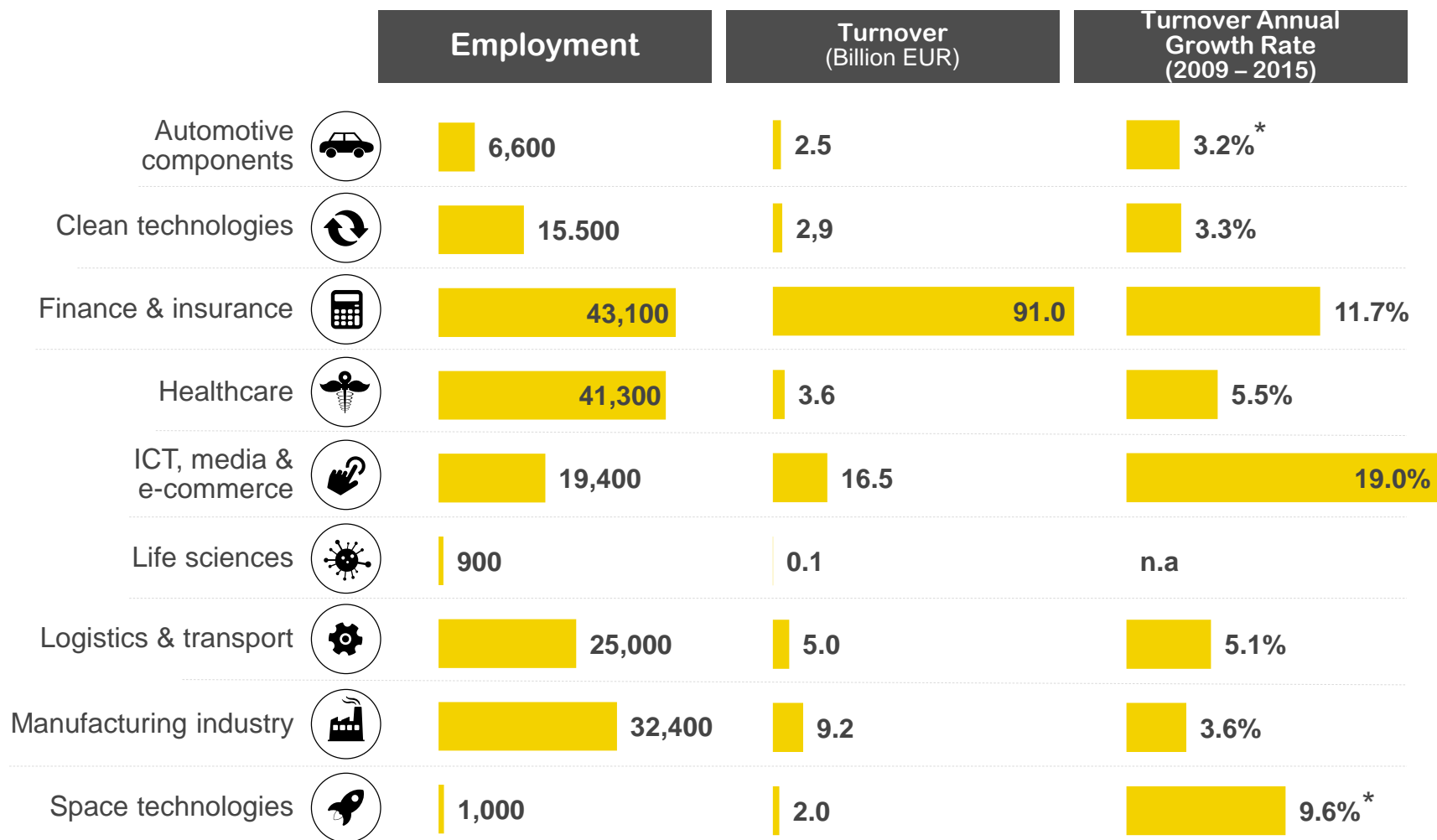
1950

1980

2000

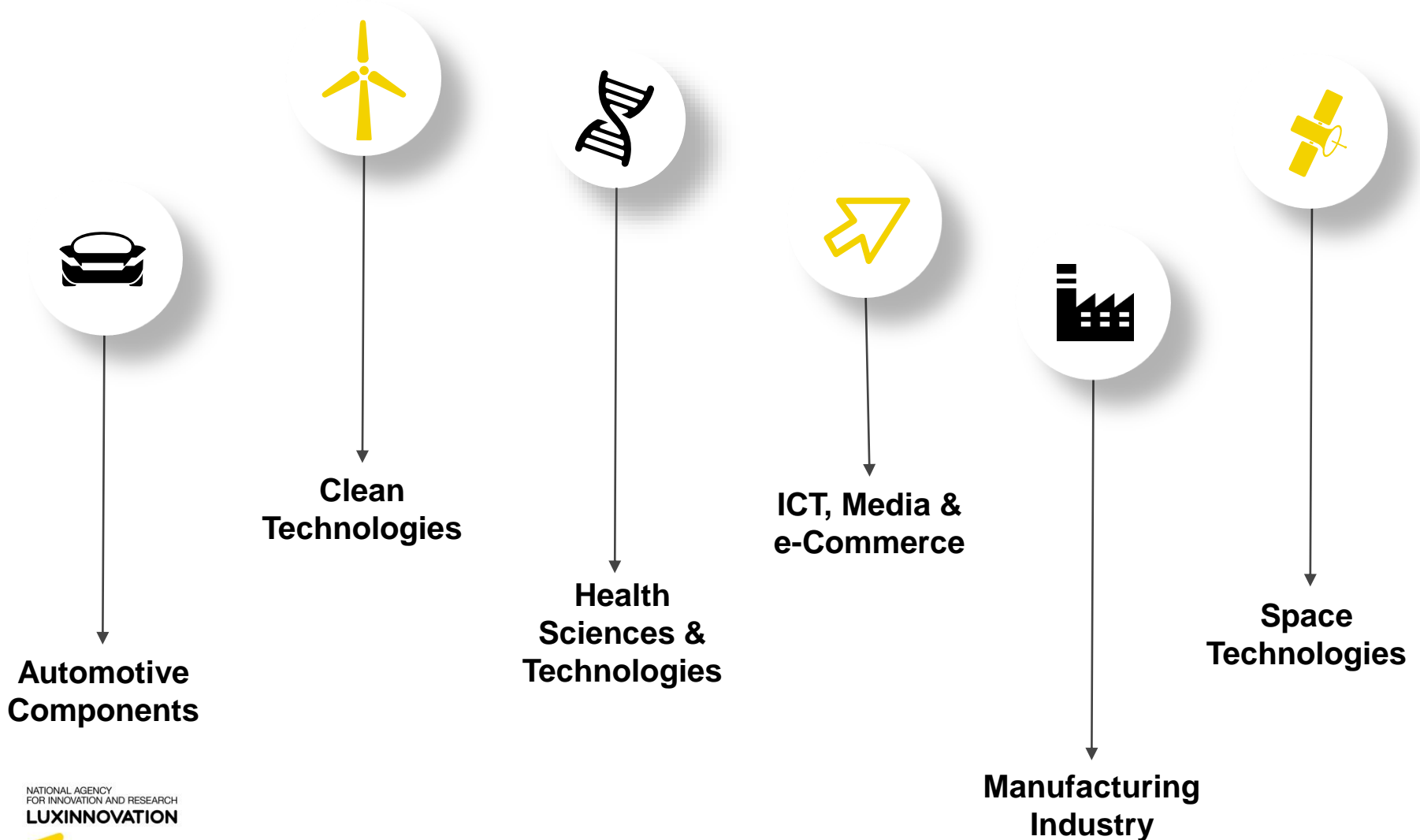
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KEY BUSINESS SECTORS



* Estimated

Key business sectors



Luxembourg Cluster Initiative

Strategic sector support

**Business
development**

**Management of
flagship projects**

**Promotion and
internationalisation**



Luxembourg Cluster Initiative

Strategic sector support

**Business
development**

**Management of
flagship projects**

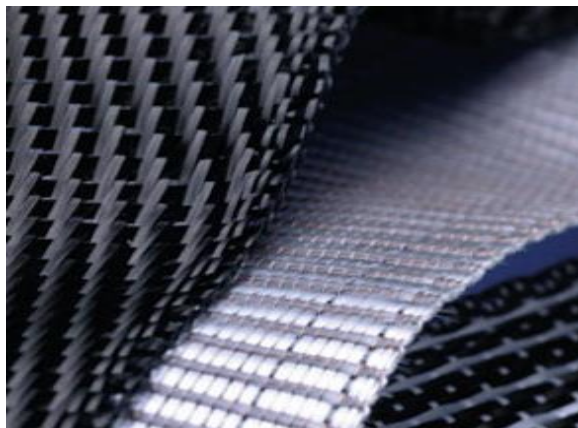
**Promotion and
internationalisation**



MICE Cluster
(Meetings, Incentives,
Congresses, Events)

Flagship projects

Strategic sector support



**National Composite
Centre -
Luxembourg**



Automotive Campus



**IPCEI on High
Performance
Computing for Big
Data Enabled
Applications**

Ian Cresswell

Head of International Affairs

LUXINNOVATION GIE

5, avenue des Hauts Fourneaux
L- 4362 Esch-sur-Alzette

T (+352) 43 62 63 1



www.luxinnovation.lu



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Thank you!

Luxinnovation receives support from

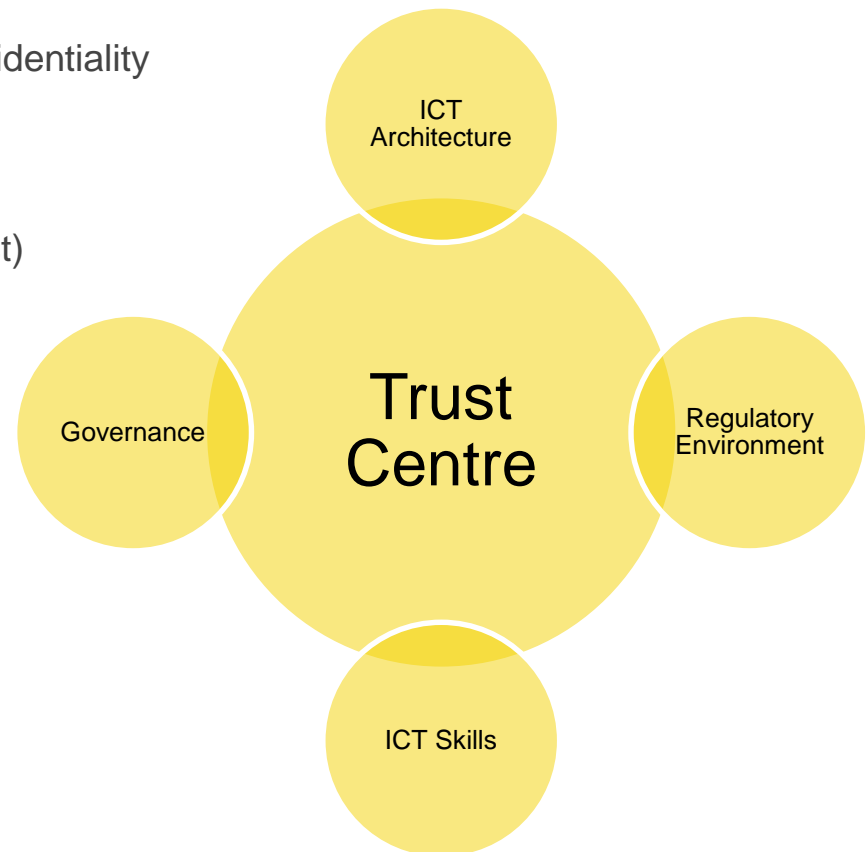


European Union
European Regional Development Fund
Investing in your future

ICT, media & e-commerce

1 Europe's prime location for hosting digital assets

- Redundancy, highest quality and security
- Certified procedures, best practices and confidentiality
- Cloud-friendly legislation
- Protection of electronic transactions (LuxTrust)
- Secure electronic archiving procedures



Global brands operating out of Luxembourg

Satellite connectivity



Financial services



Media



Communication



Online gaming & publishing



e-commerce



Domain names and registrars



Institutional



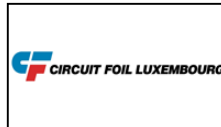
Network



Cloud storage



Manufacturing industry



World's top country for high-skilled employment

Countries with the largest share of people in high-skilled employment in 2015



Strong economic performer

- 7 Open, diversified and stable economy
- 7 Top GDP performance (GDP growth forecast 3.4% in 2015 and 3.5% in 2016)
- 7 Sound macroeconomic fundamentals:
 - AAA-rated (Fitch, Moody's, S&P) – One of only 9 countries worldwide with AAA from all three major credit rating agencies
 - Second-lowest government debt ratio in the EU (23.6% of GDP in 2014)
 - Inflation 0.7% in 2014 and 0.7% forecast for 2015
- 7 Most competitive economy in the European Union and 6th in the world (IMD World Competitiveness Yearbook 2015)

Highly skilled and cosmopolitan workforce

Workforce:
376,000

Cross-border
workers:
44.3%

Foreign citizens:
71.7%

Large talent pool:

- Local residents
- Cross-border workers from neighbouring countries i.e. France, Germany and Belgium

Multilingual workforce:

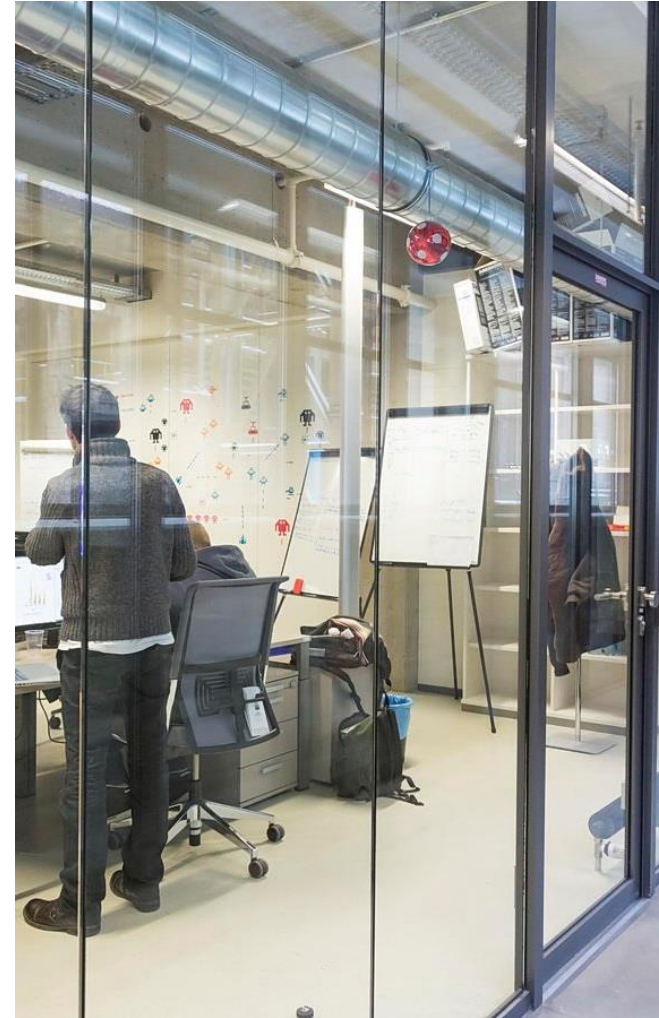
- Many people speak 3 or more languages (Luxembourgish, French, German, English, Portuguese...)
- «In Luxembourg we speak the language of our customers»

- Luxembourg can easily respond to the requirements of multilingual and multicultural investors
- Luxembourg's unemployment rate is the third-lowest in the EU (Eurostat)
- Luxembourg leads the world in highly skilled employees - almost 60% of the workforce are in jobs requiring tertiary education, the highest level in the world (Statista)



An easy place to do business

- 7 Business-oriented regulatory framework
- 7 Advantageous import & export regulations
- 7 High productivity from multilingual and multicultural workforce
- 7 Rapid company incorporation
- 7 Relatively low energy costs
- 7 State-of-the-art infrastructures
- 7 Excellent connectivity to EU and world markets



Business-oriented regulatory framework

- 7 No limit on foreign ownership or control, only general screening of foreign investments
- 7 No economic or industrial strategy that is discriminatory towards foreign investors
- 7 No major sectors where foreign investors are denied national treatment
- 7 Bureaucratic procedures, including those for licenses & permits, are streamlined and transparent

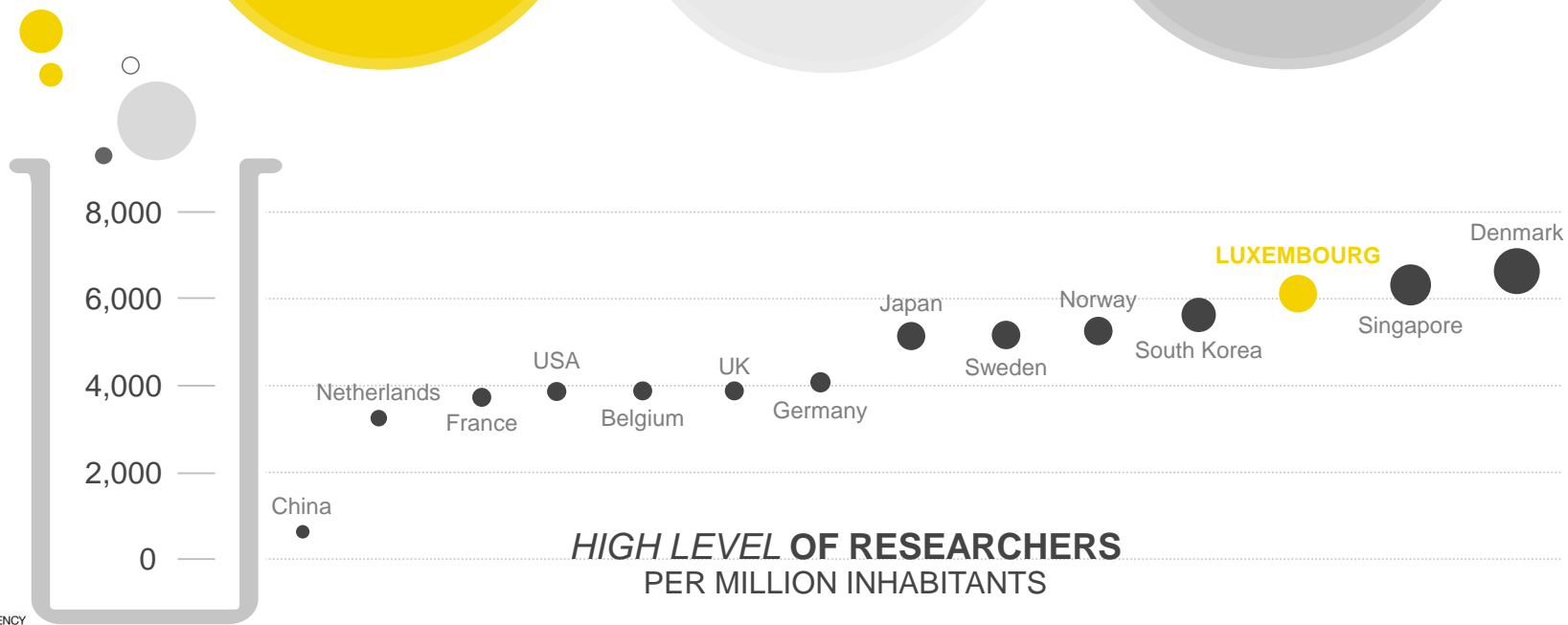


Research, Development and Innovation

**Strong
private
research sector
capability**

**68%
of Luxembourg
companies
undertake
innovation
activities**

**Expanding
public
research sector
capability**



Our services

3

main services



Access to financing

- > National
- > European



Entrepreneurship support

- > Start-up creation
- > SME performance



Strategic sector development

Supporting innovative start-ups

Entrepreneurship support



**Expert assessment
of business plans
and business
models**



**Optimisation of
national funding
applications**



**Access to early-
stage funding and
coaching**

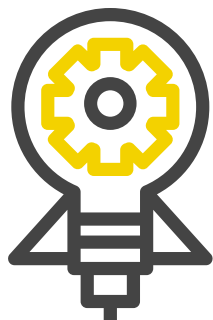
190 start-ups supported in 2015

Improving SME performance

Entrepreneurship support



**Measurable performance
improvement**



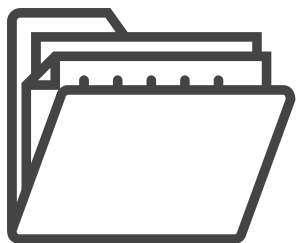
**Free up resources
for innovation**

**€15 million of profit
for companies**

 **430% return on
investment**

National funding

Access to financing



**Guidance to appropriate
funding instruments**



**Support for the preparation
of successful applications**

71 R&D /
innovation
projects

**€67
million**
funding
obtained

15
environmental
protection
projects

European funding

Access to financing



**Matching ideas with
European project
opportunities**



**Successful proposal
advice**



**Information and
training**

**€17.7
million
of Horizon
2020 funding**

**€6.7
million
of European
Space Agency
funding**

Our stakeholders: a public-private partnership

**MINISTRY
OF THE ECONOMY**



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Économie

**MINISTRY
OF HIGHER EDUCATION
AND RESEARCH**



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Enseignement supérieur
et de la Recherche

**FEDIL
BUSINESS
FEDERATION
LUXEMBOURG**

Fedil

Business Federation
Luxembourg

NATIONAL AGENCY
FOR INNOVATION AND RESEARCH
LUXINNOVATION



**CHAMBER OF
COMMERCE**



**CHAMBRE
DES METIERS**



**CHAMBRE
DES METIERS**
Luxembourg

NATIONAL AGENCY
FOR INNOVATION AND RESEARCH
LUXINNOVATION



Our role



Facilitate and accelerate the deployment and dissemination of innovation, research and development efforts across the Luxembourg ecosystem



Stimulate the development of priority sectors and publicise Luxembourg's specific capabilities



Strengthen the competitiveness and attractiveness of Luxembourg's economy

Our clients

Luxinnovation provides a wide range of integrated and tailor-made services to:

Innovative start-ups



Companies of any size



Potential international investors

Our position in Luxembourg's innovation system

