

START-UP LUXEMBOURG

A DATA DRIVEN
ECONOMY



LUXEMBOURG ID

An innovative country, open,
dynamic and reliable
at the heart of Europe

- ✘ Fast growing start-up ecosystem
- ✘ Primary gateway into European markets
- ✘ International and business-friendly environment
- ✘ Very high quality of life
- ✘ Access to corporate decision makers
- ✘ Easy communication with public authorities
- ✘ Digital agenda is a priority for the government



OUR ECONOMIC HISTORY

A start-up way of thinking

1870

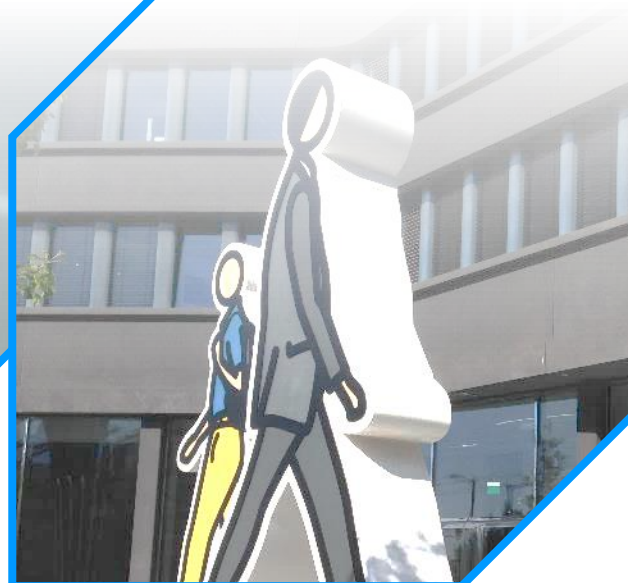
Steel industry

1980

Global financial centre

2000

Knowledge based economy
Innovation and R&D



FIRST IMPRESSIONS

A few international benchmarks

QUALITY OF LIFE

SEDA (Boston Consulting Group)
Ranking 2018

4th

1st

BUSINESS OPENNESS

US News and World Report
Index 2019

**Luxembourg's economy is
the most open in Europe,
and one of the most open
in the world.**

ATTRACTING TALENTS

Global Talent Competitiveness
(Worldwide)
Index 2019

10th

8th

INNOVATION

Global Innovation (Insead) – EU
Index 2018

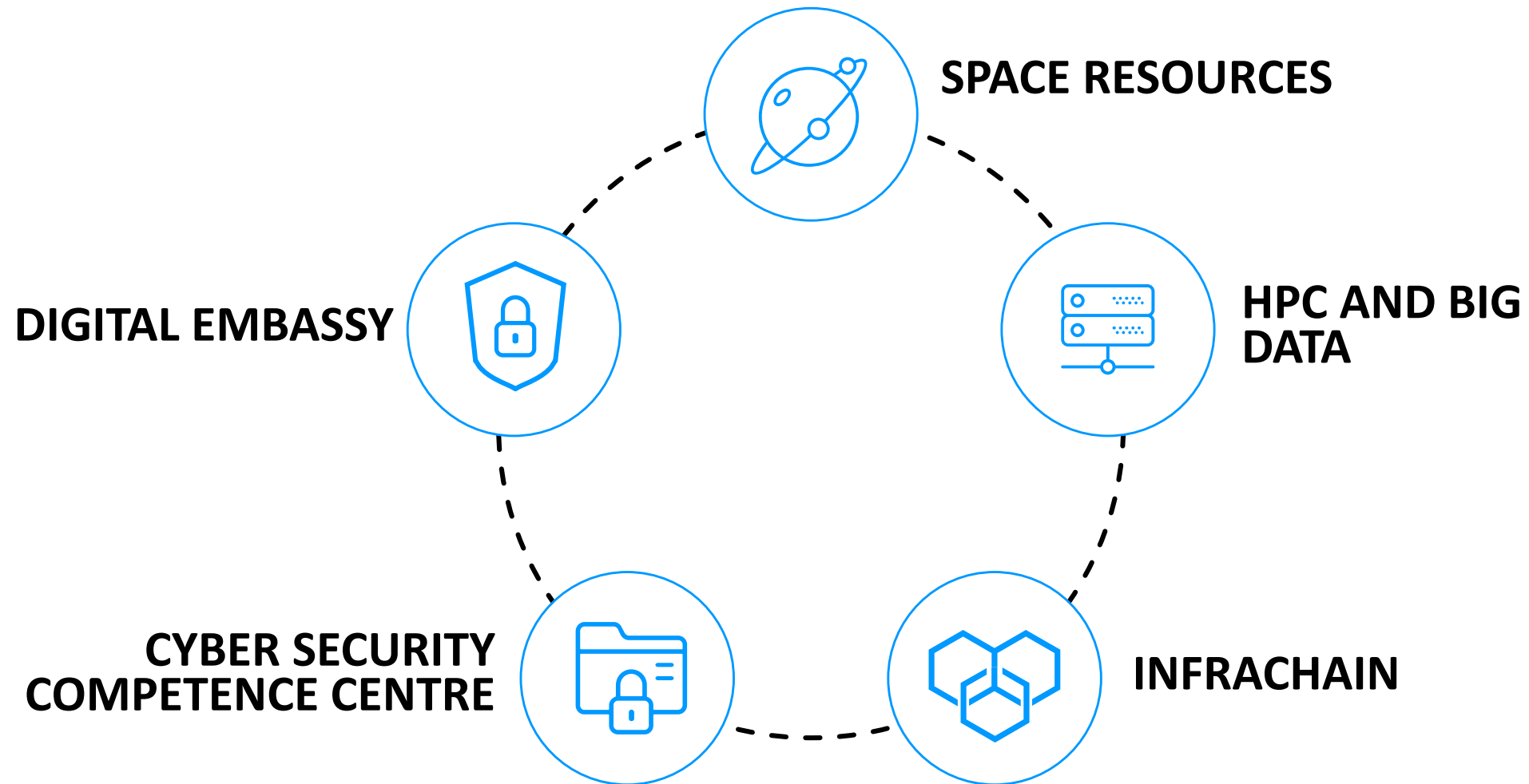


TECHNOLOGY



A CLEAR TECHNOLOGY FOCUS

Key initiatives driving data innovation and trust



SPACE RESOURCES

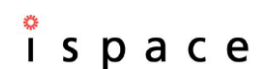
A new regulatory framework



With its **SpaceResources.lu** initiative, Luxembourg has positioned itself as the European hub in the global space resources economy.

They have already chosen Luxembourg

Luxembourg is an international platform for commercial space development. Satellite operator SES was established in Luxembourg 30 years ago and is now a major global player in its field.



HIGH PERFORMANCE COMPUTING

Increasing Europe's Computing Power and Data Analytics capabilities



By 2020, Luxembourg will have its own supercomputer delivering HPC capacity and services to industry users, start-ups and SME's.

Luxembourg was one of the initiators of the EuroHPC initiative, which aims to develop a network of supercomputers in Europe.

This European organisation is headquartered in the Grand Duchy.

DIGITAL EMBASSY

A trusted data environment



THE GOVERNMENT
OF THE GRAND DUCHY OF LUXEMBOURG
Government IT Centre

From April 2018, Luxembourg hosts the digital embassy of Estonia. A world first.

The Grand-Duchy developed an innovative solution to secure strategic information for an allied foreign country.



C3

Focusing on Cybersecurity

2017, the government created a cybersecurity competence centre.

This initiative combines public resources with cybersecurity expertise from the private sector.

This is based on three pillars:

- Threats and Vulnerabilities Observatory
- Testing Facility
- Training and Simulation Platform



OBSERVE

Be aware of the latest threats and vulnerabilities



TRAIN

Train your teams to prevent and react to incidents



TEST

Test your cyber resilience



INFRACHAIN

Solving governance challenges
to drive operational Blockchain use

Infrachain is a public-private initiative aiming to
facilitate the creation of semi-private
blockchains Europe wide.

To do so, it creates a network of certified and therefore
secure independent nodes.

Founding
members include



TECHNOLOGY

A few international benchmarks

DATA

Open Data Maturity in Europe
(European data portal)
Ranking 2018

6th

2nd

CONNECTIVITY

Digital Economy and Society Index (EU)
Ranking 2018

Luxembourg is recognised as
one of the most innovative
countries in the EU.

INNOVATION LEADER

European Innovation Scoreboard
Index 2018

6th

5th

TRANSFORMATION

Digital Transformation Enablers (EU)
Index 2018

IDEAL MARKET

**TO TEST YOUR
PRODUCTS**



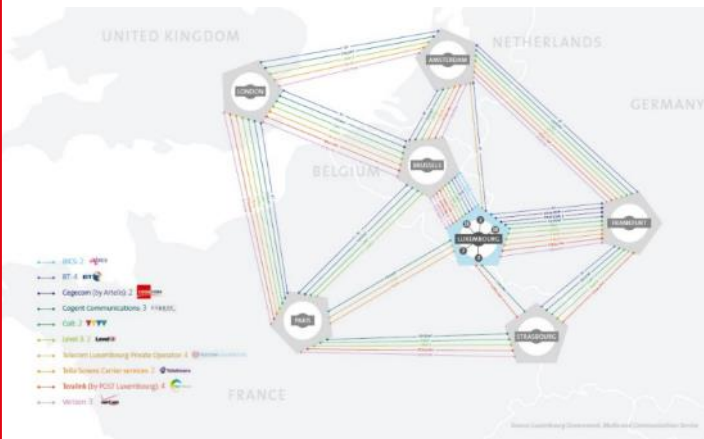
IDEAL TEST BED ENVIRONMENT

Tailor your product to the European markets



ICT INFRASTRUCTURE

Ultra-low latency hub, supported by 28 different international fiber routes and 8 Tier IV data centres.



5G

5G NETWORK

5G strategy foreseeing pilot projects for initial deployments.



INDUSTRY 4.0

Host to R&D centres and production plants of major industrial players.



IDEAL TEST BED ENVIRONMENT

Tailor your product to the European markets

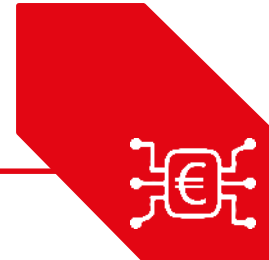
DIGITALISATION

Country level partnership with Nvidia on Artificial intelligence and Cisco on digitisation.



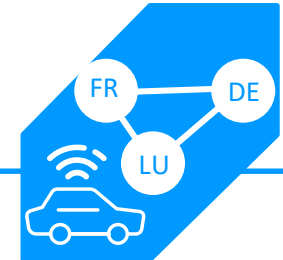
Fintech

Leading international financial centre with a strong fintech ecosystem.



AUTOMOTIVE

Digital cross-border test bed for innovative mobility technologies.



IDEAL TEST BED ENVIRONMENT

Find a global partner to grow

INDUSTRY



ICT



LOGISTICS



Finance



EU Institutions



IDEAL TEST BED ENVIRONMENT

Build your new product for Europe

SNT

securityandtrust.lu

Collaborates with more than 40 partners in cybersecurity, fintech, space systems, IOT, Autonomous Vehicles...



Focus on neurodegenerative diseases with a strong bioinformatics, computational and systems biology approach.

Over 6.000 students
from more than 100
different countries



UNIVERSITÉ DU
LUXEMBOURG

12th worldwide in
Young University ranking



Biomedical sciences research with strong expertise in oncology, infection and immunity.



Research and Technology
Organisation active in the fields of materials, environment and IT.

START-UP ECOSYSTEM



LUXEMBOURG START-UP ECOSYSTEM

Fast growing and data driven

START-UPS
ICT, Space, FinTech, HealthTech,
CleanTech, Cybersecurity...

+350

FINANCING
Growth programmes, pitching
contests, national subsidies, business
angels, banks, VCs...

+15

INCUBATION
Incubators, Accelerators, Innovation
hubs...

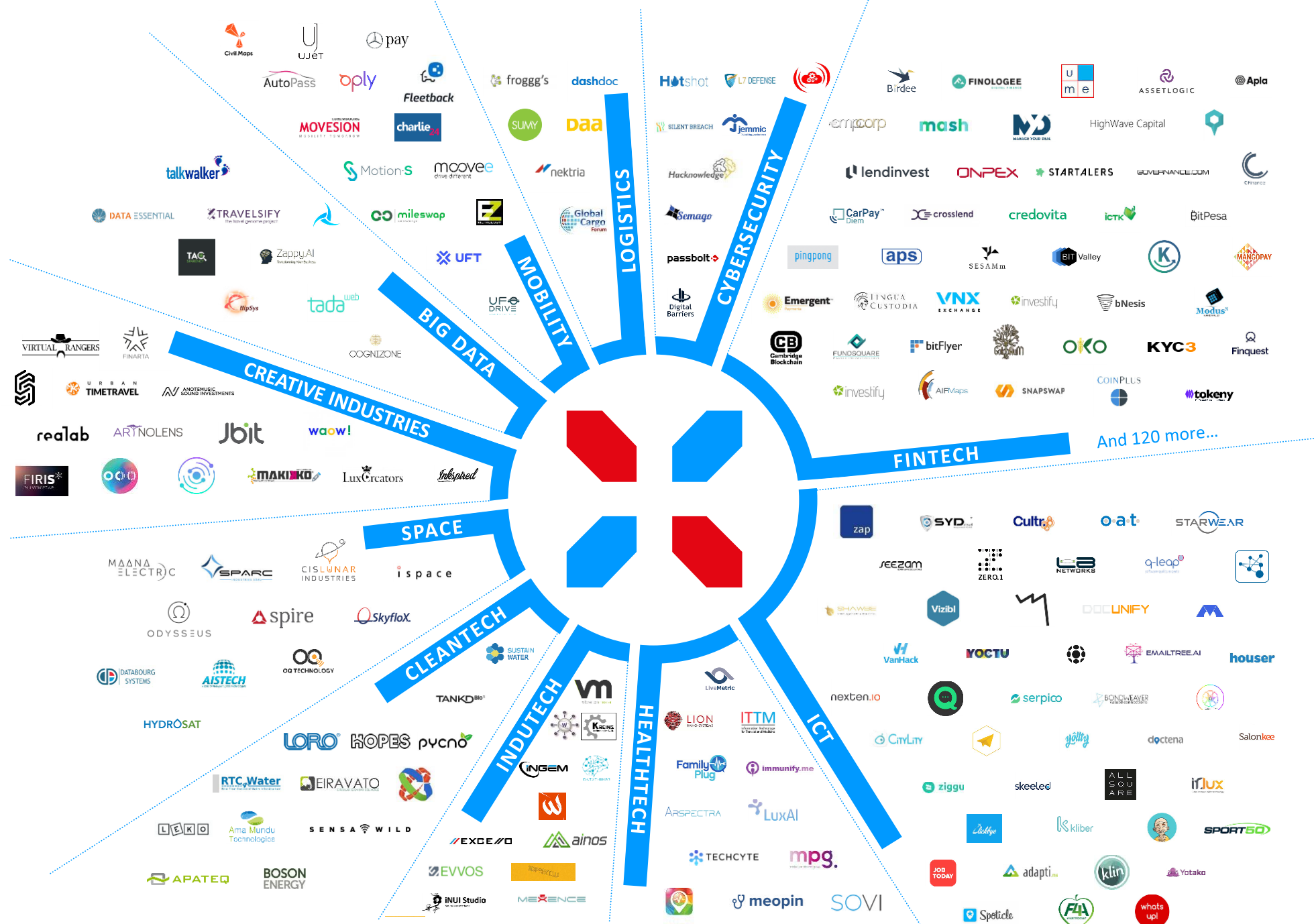
EVENTS
International fairs with more than
5.000 attendees and numerous
thematic events.



START-UP

THEY GREW UP FROM LUXEMBOURG

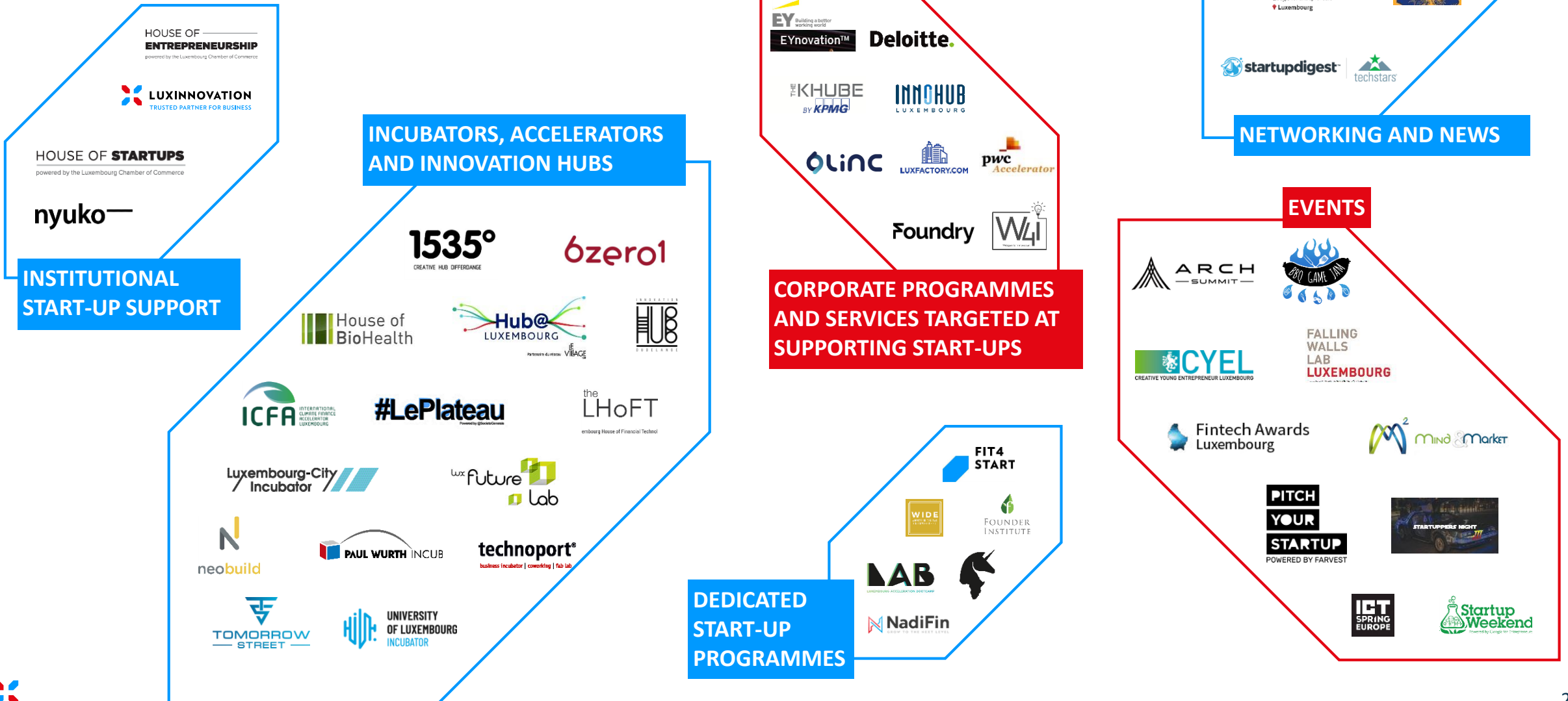
ECO SYSTEM



This overview is not exhaustive. It includes a cross section of Luxembourg start-ups and innovative companies. If your company is missing, please contact us.

LUXEMBOURG START-UP ECOSYSTEM

Supporting start-ups from start to scale



ACCELERATION PROGRAMME

The fast lane to join the Luxembourg ecosystem



Up to 150.000€
in equity free
funding

2 editions and
25 start-ups selected
per year

More than 450
applications over the
last year

Free access to
co-working space at
technoport® Luxembourg-City
Incubator

A jury composed of
experienced entrepreneurs
and investors



Launched by the



THE GOVERNMENT
OF THE GRAND DUCHY OF LUXEMBOURG
Ministry of the Economy

managed by



LUXINNOVATION
TRUSTED PARTNER FOR BUSINESS

FUNDING

Financing start-ups during their growth

YOUNG INNOVATIVE ENTREPRISE Up to €800 K

Support for high growth start-ups matching equity investments from private investors



R&D and Innovation

Financial aid in the form of subsidies for R&D and Innovation projects

SNCI

Focus on the mid and long-term financing of Luxembourgish companies by providing loans to foster investment and innovation

DIGITAL TECH FUND €20 M

Public-Private seed fund financing start-ups



LUXEMBOURG FUTURE FUND €150 M



Investing in international technology focused SMEs and VC Funds developing activities in Luxembourg



SUCCESS STORIES



CASE STUDY



Monitoring of the promotion, optimisation and protection of brands and their reputation on social networks, with offices around the world.



NEW YORK



SAN FRANCISCO



SINGAPORE



FRANKFURT



PARIS

240

Employees

+2000

Clients

150 Millions

Monitored brand

Year of establishment

2009

“There is no better place to start a business than Luxembourg. There is very little bureaucracy and it is particularly thanks to the support we have received from the government and start-up incubators that we have managed to grow so quickly.”

Robert Glaesener, CEO of Talkwalker

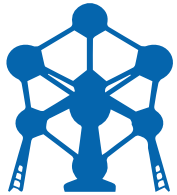
www.talkwalker.com



CASE STUDY



Personalised online medical appointments app, depending on the language, specialty and location.



BELGIUM



NETHERLANDS



SWITZERLAND



GERMANY

90

Employees

1,4 Millions

Appointments per month

Leading company

6 Countries

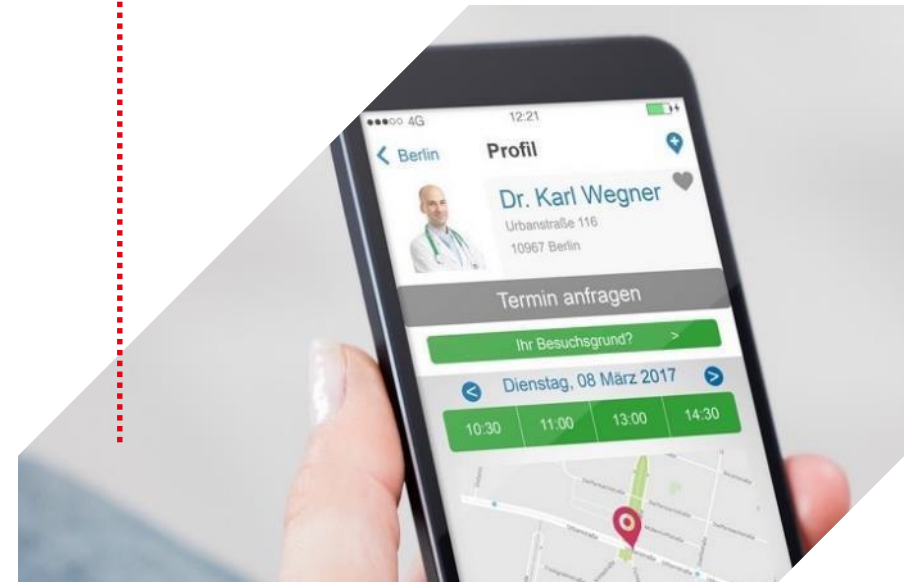
Year of establishment

2013

“Luxembourg was the ideal place to serve as a proof of concept, with a much lower investment than if we had to do it in a big city like London or Berlin.”

Patrick Kersten, Founder and CEO of Doctena

www.doctena.lu



CASE STUDY

**JOB
TODAY**

Hiring app connecting job seekers with the nearest employers looking for candidates. Leader in Spain and the UK.



SPAIN



UK

50

Employees

User candidates

5 Millions

41 Millions

funds raised

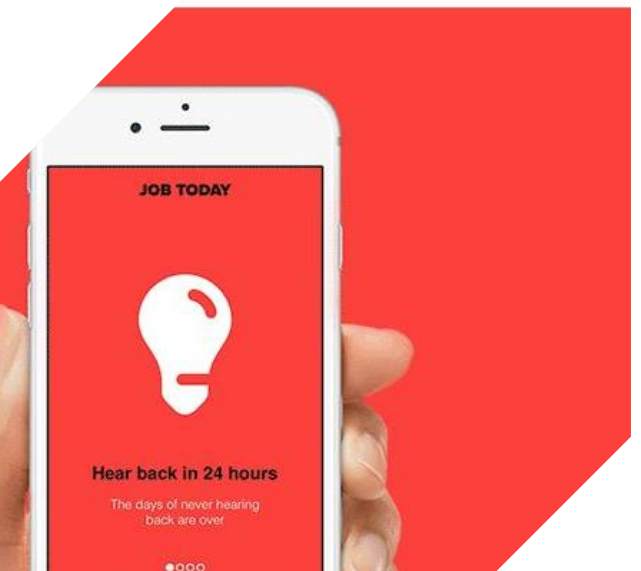
Year of establishment

2014

“Luxembourg is a welcoming environment for start-ups and will continue to be an important part of our DNA.”

Eugène Mizin, cofounder and CEO of Job Today

www.jobtoday.com



CASE STUDY



Tool for recommending hotels and restaurants based on natural language automatic processing technology. Used by AccorHotels group.



16

Employees

Hotels and restaurants reviewed

1 million+

3rd

Restaurant Database
(after Tripadvisor and Zomato)

Year of establishment

2016

“We are happy to be able to and grateful for the support we have received and continue to receive from sophisticated investors in Luxembourg.”

Bruno Chauvat, Founder and CEO of Travelsify

www.travelsify.com



CASE STUDY



Open platform to drive the digital transformation of the manufacturing industry, by digitising the production processes and embracing the power of artificial intelligence.

“Luxembourg has a strong pioneering and industrial heritage which allows start-ups to benefit from the help of main actors and skills needed.”

Jean-Philippe Hugo, Founder and CEO of Wizata



www.wizata.com

21

Employees

Nationalities

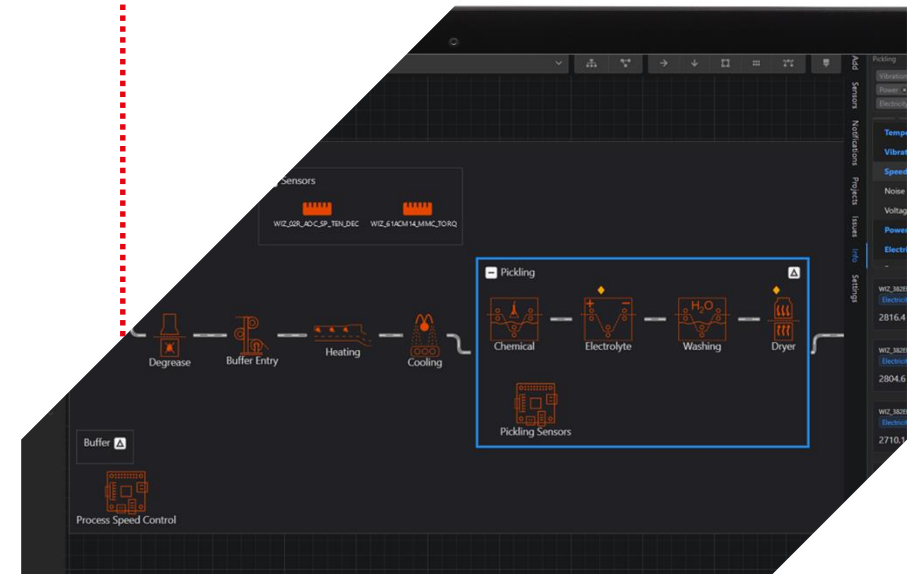
10

7 petabytes

of data analysed

Year of establishment

2014



CASE STUDY



With the help of its own satellite constellations, Spire identifies, tracks, and predicts the movement of the world's resources and weather systems.



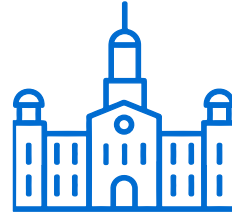
BOULDER



SAN FRANCISCO



SINGAPORE



GLASGOW

170

Employees

30+

Active ground stations

Satellites in orbit

80

Year of establishment

2012

“Luxembourg’s significant investment in New Space has enabled us to vastly accelerate our growth and investments. The country also sits within close proximity to many of Europe’s key markets for our data, and talent and capital sourcing.”

Peter Platzer, Co-founder and CEO of Spire Global

www.spire.com



CASE STUDY



Provider of co-location services, through its global network of Edge, Hyperscale and HPC data centers.



FRANCE



BELGIUM



GERMANY



ICELAND



SWEDEN



MOROCCO



GHANA



COLOMBIA

+60

Employees

Co-location Data Centers up & running

12

50 MW

capacity already under management

Year of establishment

2012

“Luxembourg authorities offer tremendous support for connecting to key business contacts abroad, from all governmental authorities.”

Antoine Boniface, Founder and CEO of Etix Everywhere

www.etixeverywhere.com



CASE STUDY



Provider of innovative financial solutions to enable the world of global e-commerce.



USA



HONG KONG



JAPAN



INDIA



CHINA MAINLAND

450

Employees

400,000+

Customers

Daily Transactional Peak (dollars)

200 millions+

Year of establishment

2015

“Luxembourg was the obvious choice for PingPong to set up our European headquarters. As the financial hub of Europe, we received great support from the local regulators, banking partners and access to the vast talent pool available to support our growth.”

Aaron Shuai LU, co-founder of PingPong Group

www.pingpongx.com



www.startupluxembourg.lu

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 @Startup Luxembourg

LET'S

MAKE IT

HAPPEN!

