

STARTUP LUXEMBOURG

A DATA DRIVEN ECONOMY



LUXEMBOURG ID

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

- ✘ Fast growing startup 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



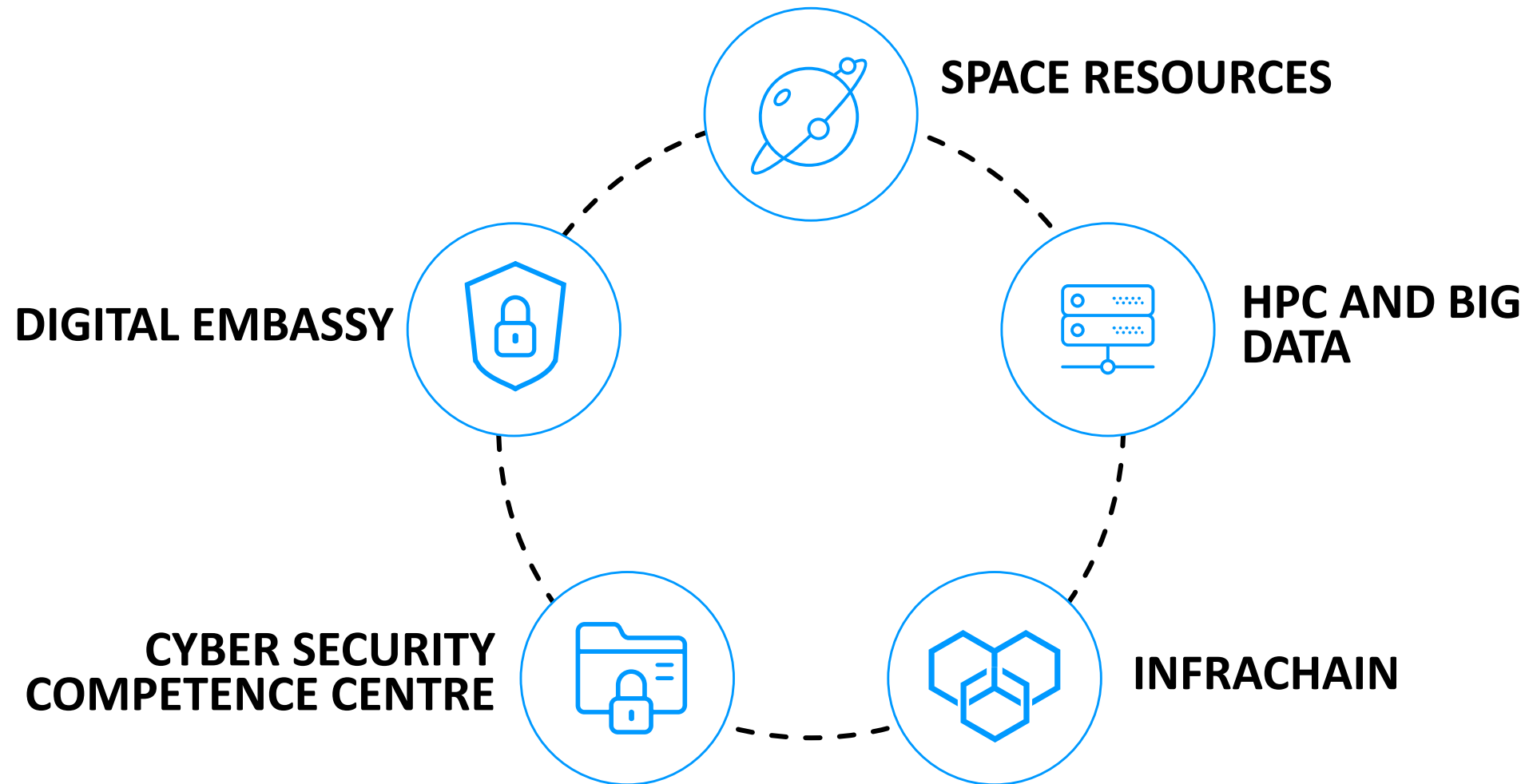


TECHNOLOGY



A CLEAR TECHNOLOGY FOCUS

Key initiatives driving data innovation and trust



SPACE RESOURCES

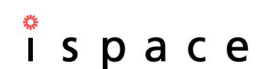
A complete framework to develop the space sector



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



Luxembourg has its own supercomputer and offer support for companies to run HPC projects with the National Competence Centre.

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

While most HPCs are pure research centres, Luxembourg will make 65% of its capacity available to companies inside and outside the country.

DIGITAL EMBASSY

A trusted data environment



THE GOVERNMENT
OF THE GRAND DUCHY OF LUXEMBOURG
Government IT Centre

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

A photograph of a server room with rows of server racks. A red rectangular box highlights a specific server rack in the foreground. The room has a clean, industrial look with blue lighting and a tiled floor with ventilation grates.

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

DIGITAL INFRASTRUCTURE

The Engineering Index
Ranking 2019

7th

4th

CONNECTIVITY

Digital Economy and Society Index (EU)
Ranking 2021

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

STRONG INNOVATORS

European Innovation Scoreboard
Index 2021

7th

1st

ATTRACTING TALENTS

Global Talent Competitiveness
Index 2021

IDEAL MARKET

TO TEST YOUR
PRODUCTS



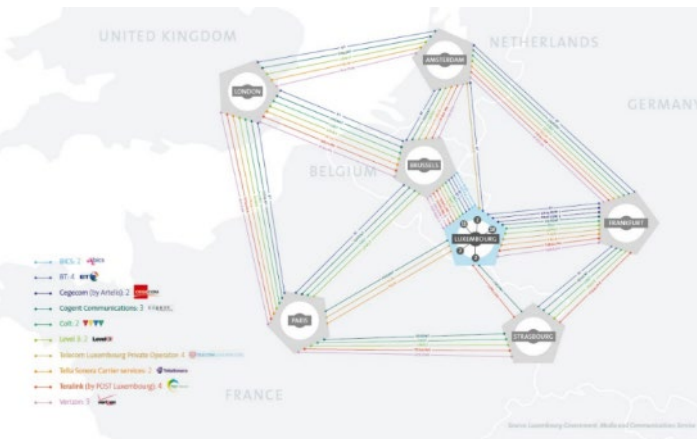
IDEAL TEST BED ENVIRONMENT

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.

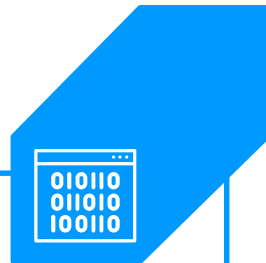


IDEAL TEST BED ENVIRONMENT

Tailor your product to the European markets

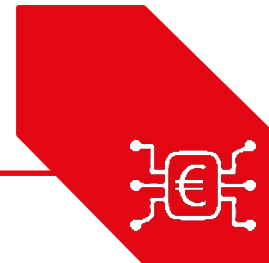
DIGITALISATION

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



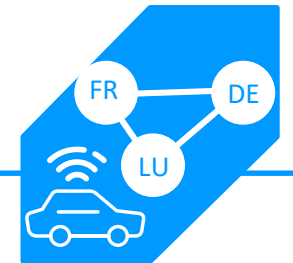
Fintech

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



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

25th worldwide in Young University ranking (Times Higher Education 2022)



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



LISER's public research focuses on social and economic policies, including their spatial dimension.



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

STARTUP ECOSYSTEM



LUXEMBOURG STARTUP ECOSYSTEM

Fast growing and data driven

STARTUPS

ICT, Space, FinTech, HealthTech,
CleanTech, Cybersecurity...

+600

FINANCING

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

+15

INCUBATION

Incubators, Accelerators, Innovation
hubs...

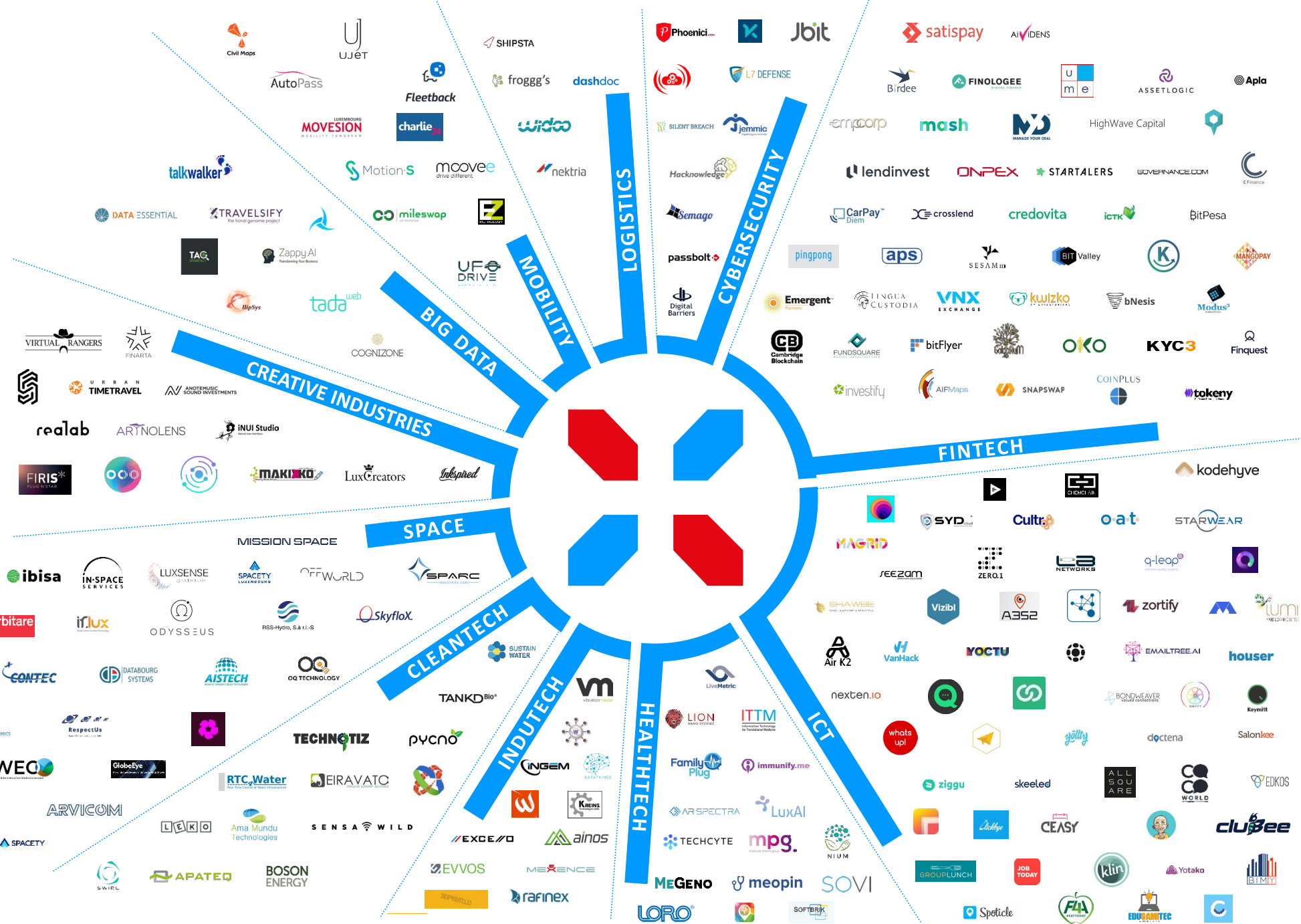
EVENTS

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

START-UP

THEY GREW UP FROM LUXEMBOURG

ECO SYSTEM



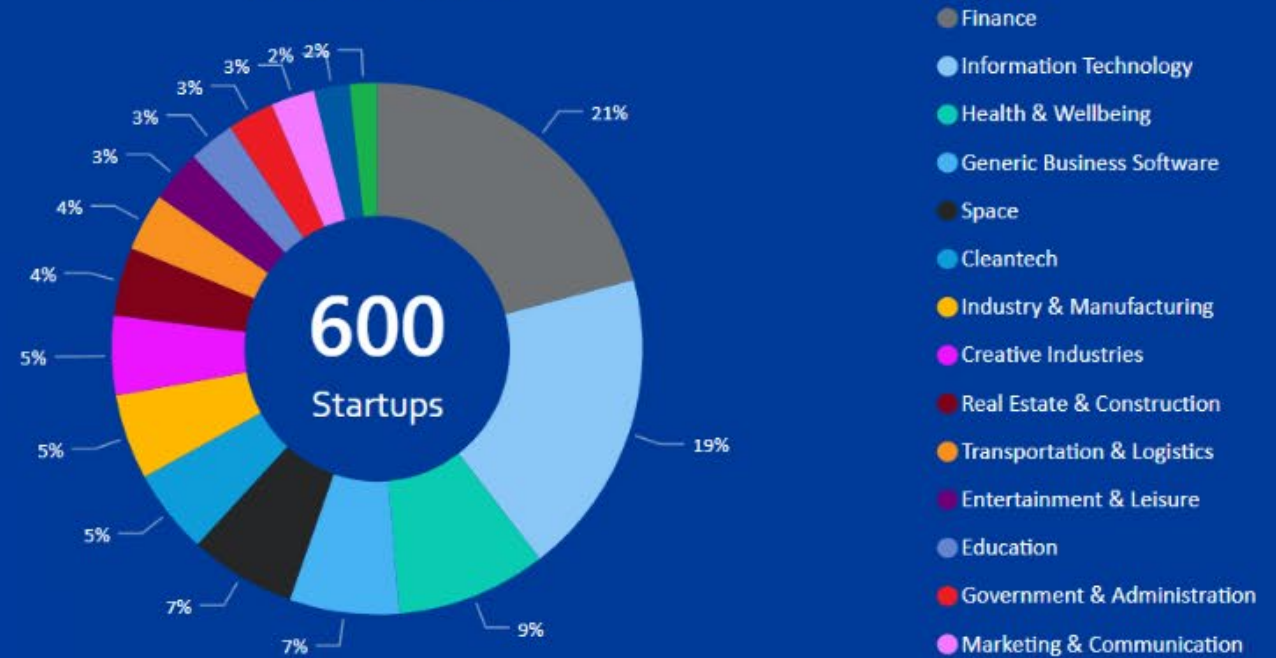
This overview is not exhaustive. It includes a cross section of Luxembourg start-ups and innovative companies. If your company is missing or you want to be removed, please contact us.

STARTUPS BY KEY TECHNOLOGIES*

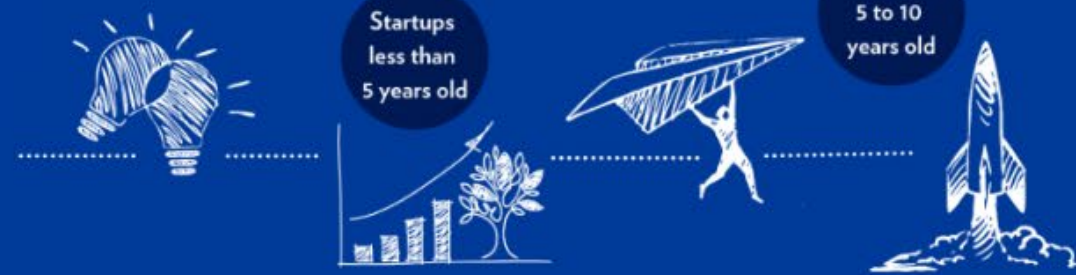
Artificial Intelligence (AI)	Software-as-a-Service	Marketplace ser...	Blockcha...	Digital / ...	
92	64	61	38	38	
Business Software	Data Analytics	Security	Intern...	Energ...	Mach...
83	62	24	19	18	18
Big Data	Cybersecurity	Augmente...	Social Me...	Risk ...	Ro...
73	61	21	Cryptocur...	15	13
		Virtual Rea...		Data Manag...	
		20			

(* Each startup is listed on one main targeted market only, but can be counted as working with several key technologies)

TARGETED MARKETS



INCORPORATION YEAR OF CURRENT STARTUPS

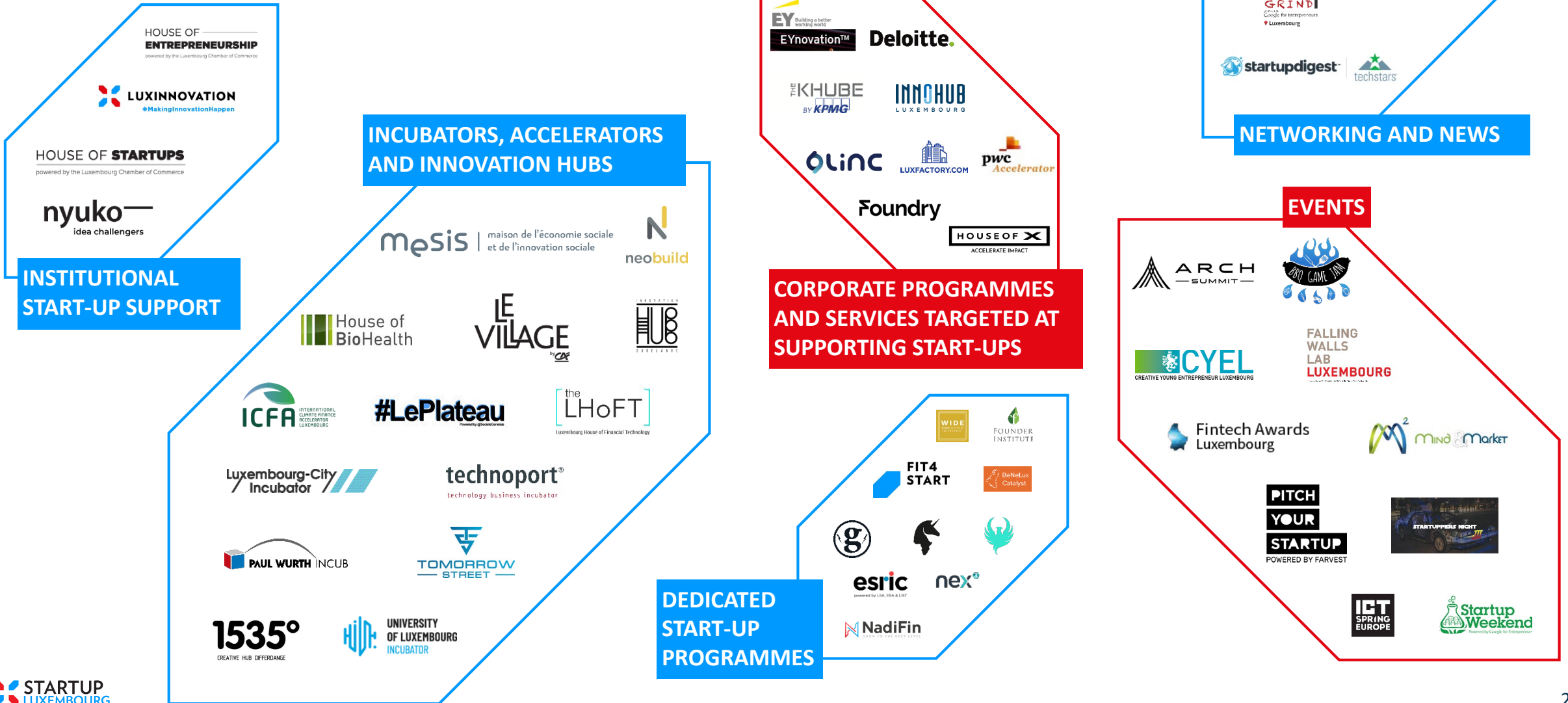


POWERED BY MARKET INTELLIGENCE

LUXINNOVATION
#MakingInnovationHappen

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
40 start-ups selected
per year

More than 750
applications over the
last year

Free access to
co-working space at
technoport®



A jury composed of
experienced entrepreneurs
and investors



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

Orbital Ventures €120M

Investing in early-stage, space-related companies



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



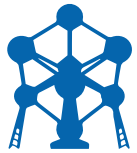
SUCCESS STORIES



CASE STUDY



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



BELGIUM



NETHERLANDS



SWITZERLAND



GERMANY



AUSTRIA

53

Employees

1,7 Million

Appointments per month

Leading company

6 Countries

Year of establishment

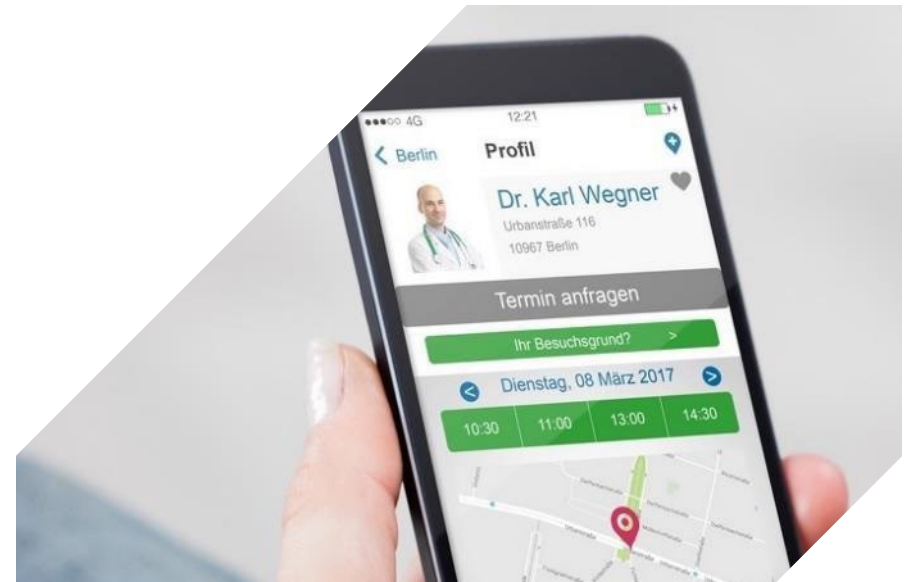
2013

"With Doctena, you are 90 seconds away from your medical appointment. The key principle of Doctena's solutions is simplicity. Our services are praised by patients and doctors for their ease of use."

Alain FONTAINE

CEO and Co-Founder of Doctena

www.doctena.lu



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.”

Philippe Maes, Co-Founder and CEO of Wizata



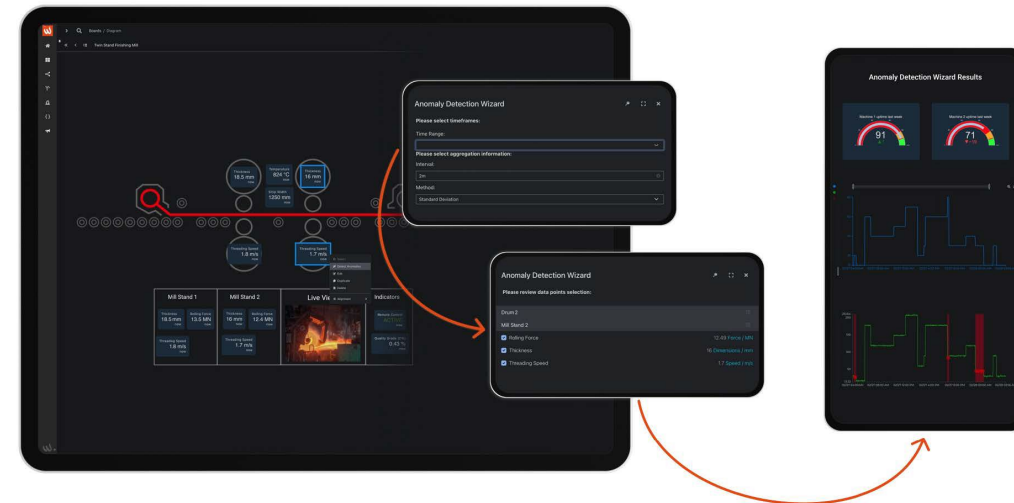
www.wizata.com

21
Employees

Nationalities
10

+€200 million
of value generated with AI

Year of establishment
2014



CASE STUDY



Travel Tech startup based in Luxembourg using a proprietary Explainable Artificial Intelligence technology to create a unique worldwide database of Hotel DNA, Restaurant DNA, Destination DNA, and Vacation Rental DNA data, and serving global leading hotel groups such as Accor, Marriott International...

12

Employees

User reviews automatically analysed

+1 billion

Year of establishment

2016

+1.5 million

Hotel DNA, Restaurant DNA, and Destination DNA Database

“We are happy and grateful for the support we have received and continue to receive from sophisticated investors in Luxembourg and from an industry leader such as Accor.”

Bruno Chauvat
Founder and CEO of Travelsify

www.travelsify.com



CASE STUDY



Next Gate Tech

Next Gate Tech uses the latest cloud technology to transform its clients' fragmented and unharmonized data into one consistent, consolidated "golden" source, enabling them to streamline their day-to-day processes.

30

Employees

Clients files processed monthly

+ - 150,000

+ - 35,000

Financial instruments processed daily

Year of establishment

2019

"Luxembourg is the perfect place for innovation. It has the focus of investors, has the right talents and incredible structures such as Luxinnovation which helped us strengthen our business case and brought a framework to structure everything very early in the process of building up our company."

Davide Martucci, CEO & Co-founder of Next Gate Tech

www.nextgatetech.com



CASE STUDY



UFODRIVE makes car rental simple, easy, fast, convenient and very cool. Entirely using our smartphone UFODRIVE App, customers can experience an incredible electric ride with the Tesla Model S or any other premium car from our 100% electric fleet.



BELGIUM



NETHERLANDS



FRANCE



UK



GERMANY



AUSTRIA



IRELAND



LUXEMBOURG



USA

35

Employees

Connected Chargers on our Network

150,000

+ 2 million

Kg of CO2 emissions saved by our customers

Year of establishment

2018

“In Luxembourg, there is terrific support, both from the government and the local business community. Additionally, the people here are largely tech native and environmentally conscious, making them the perfect demographic for the UFODRIVE experience.”

Aidan McClean , CEO & Co-founder of UFODRIVE

www.ufodrive.com



www.startupluxembourg.com

 @Startup Luxembourg

 @StartupLux

 @Startup Luxembourg

LET'S

MAKE IT

HAPPEN!

