

A nighttime photograph of the Torino skyline. In the foreground, a bridge with several large, colorful, illuminated arches spans across a body of water. The arches are lit with green, blue, and purple lights. In the background, the city is lit up, and a large, classical building with a dome is illuminated. Numerous blue laser beams radiate from the top of the building, fanning out across the sky. The overall scene is vibrant and modern.

THE CITY PARTNER OF INNOVATION

# TORINO

The Smart Road project and the smart mobility  
in Torino City Lab

Nicola Farronato,  
Head of innovation team



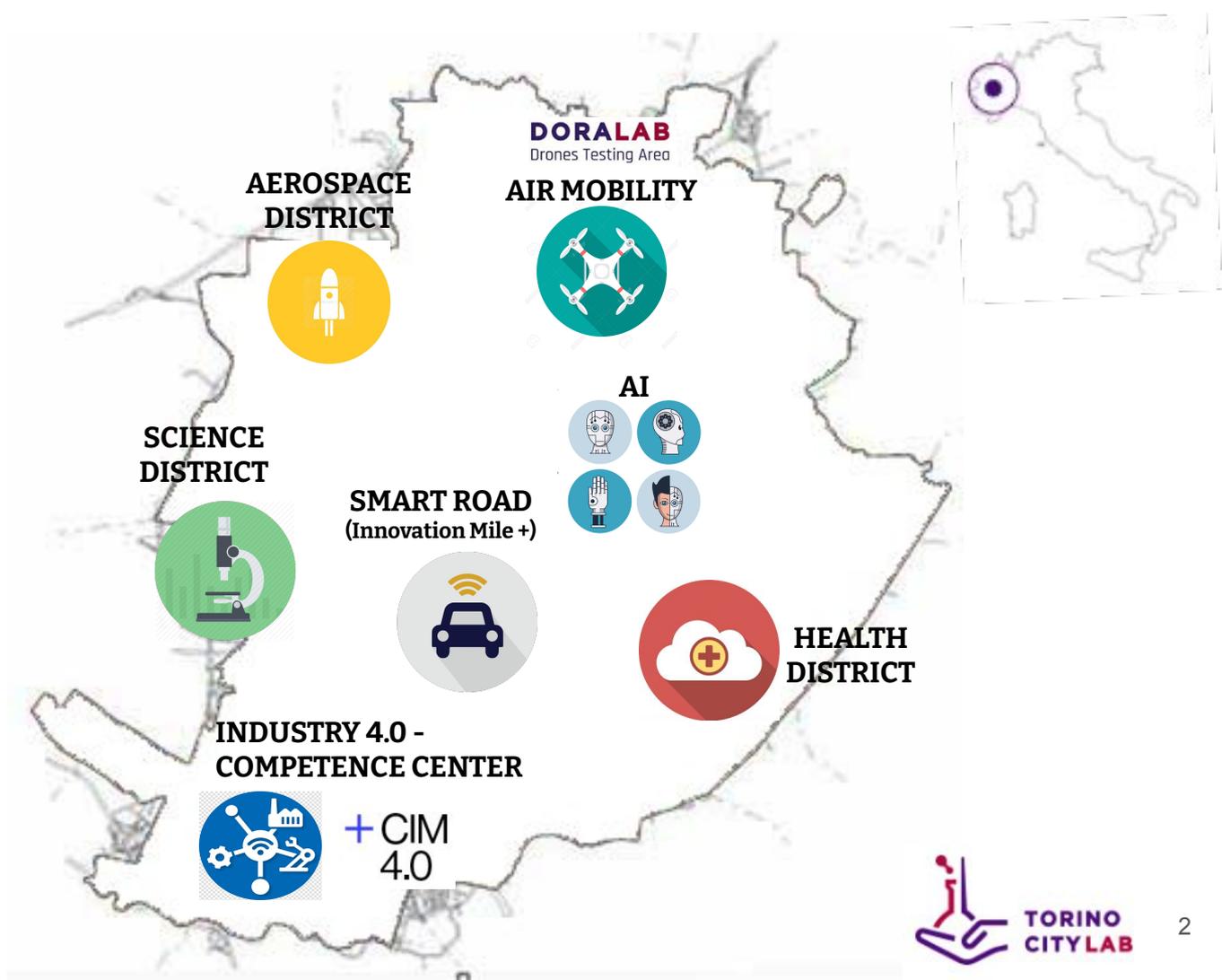
885.094 CITIZENS

102.000 STUDENTS

2 PUBLIC UNIVERSITIES

329 STARTUPS

74.000 COMPANIES





# PUBLIC PRIVATE PARTNERSHIP

**a.**

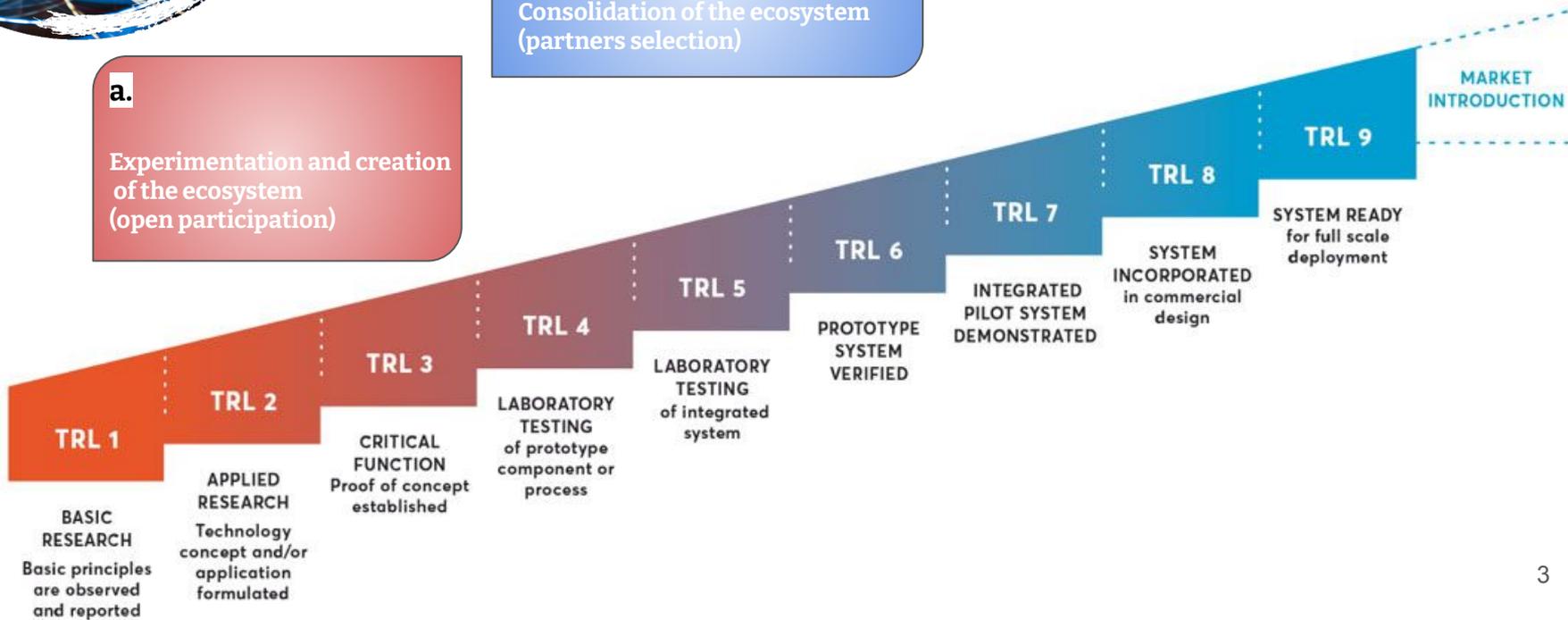
Experimentation and creation of the ecosystem (open participation)

**b.**

Pre-industrialization and Consolidation of the ecosystem (partners selection)

**c.**

Industrialization and growth of the ecosystem (by internal <math>\leftrightarrow</math> external lines)



# Torino: the home of Emerging technologies



CITTA' DI TORINO



La politica di innovazione della città di Torino



## Tangible Infrastructure

### Enabling technologies:

- AI / Cyber security
- Blockchain
- **Edge computing**
- Cloud services
- 5G
- ...

### Datacenter



### Enabling ecosystems:

- Torino City Lab
- Casa delle Tecnologie Emergenti
- ...

<< Continuum computing >>

## Human capital and excellence applied research

MANUFACTURING  
4.0:

...

MOBILITY:

...

E-HEALTH:

...

FINANCE /  
FINTECH:

...

AGRIFOOD/  
AGRITECH:

...

CULTURAL  
HERITAGE:

...

Intangible  
Infrastructure

# 35KM OF URBAN CIRCUIT FOR CONNECTED AND AUTONOMOUS DRIVING

Torino  
Smart  
Road



# Turin Smart Road partners

## Smart Road Partners

### Automotive & Mobility provider



### Telco & ICT



### Associations, Insurances, Universities



First Public Administration joining  
**5G Automotive Association (5GAA)**



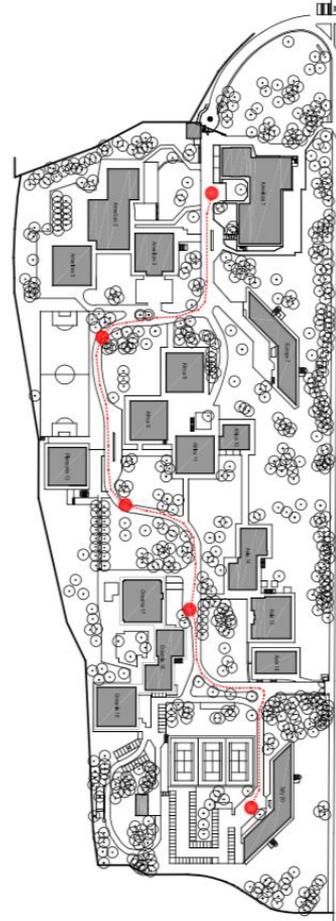
Global organisation of companies from the automotive, technology, and ICT, working together to develop solutions for the future of mobility



Torino has been able to attract a unique “smart mobility” acceleration programme by Techstars, with a european exclusivity until 2022.

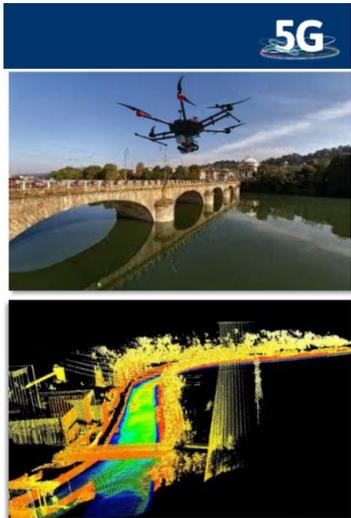
# NEW MOBILITY EXPERIMENTATION OF MAAS (MOBILITY-AS-A-SERVICE)

OLLI  
By  
LocalMotors



International Training Centre

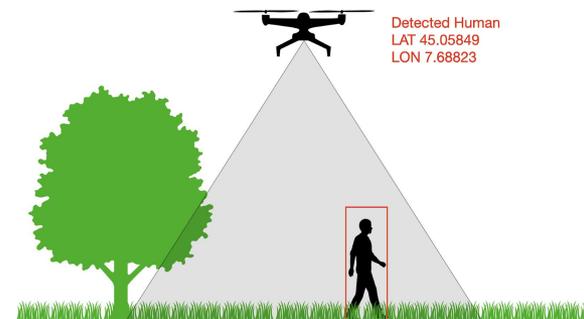
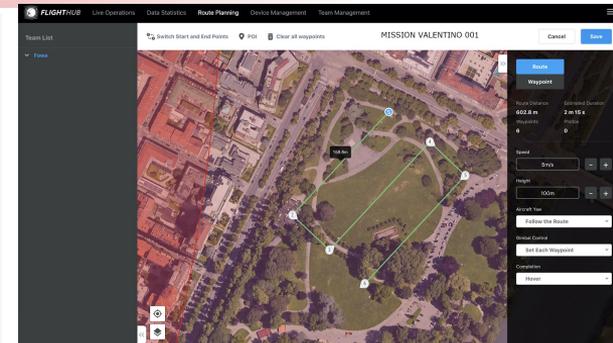
# Smart Air – Urban Air Mobility



•AI technology for drones natural resources monitoring and environment disaster predictions.



•AI technology and algorithms to detect citizens behaviour with regards to COVID emergency restrictions.



•AI technology for enabling automatic drones flights for monitoring and patrolling parks and remote city areas.

## SKYPERSONIC TURIN

### Remote drones training platform

Thanks to a new collaboration with Skypersonic Inc. (Michigan) we are launching a trans-oceanic public spaces sanitification mission with drones piloted in remote from Turin (#Skycopter).

Drones  
indoor



DETROIT

TORINO

VIDEO STREAM

CONTROLS

SKYPERSONIC

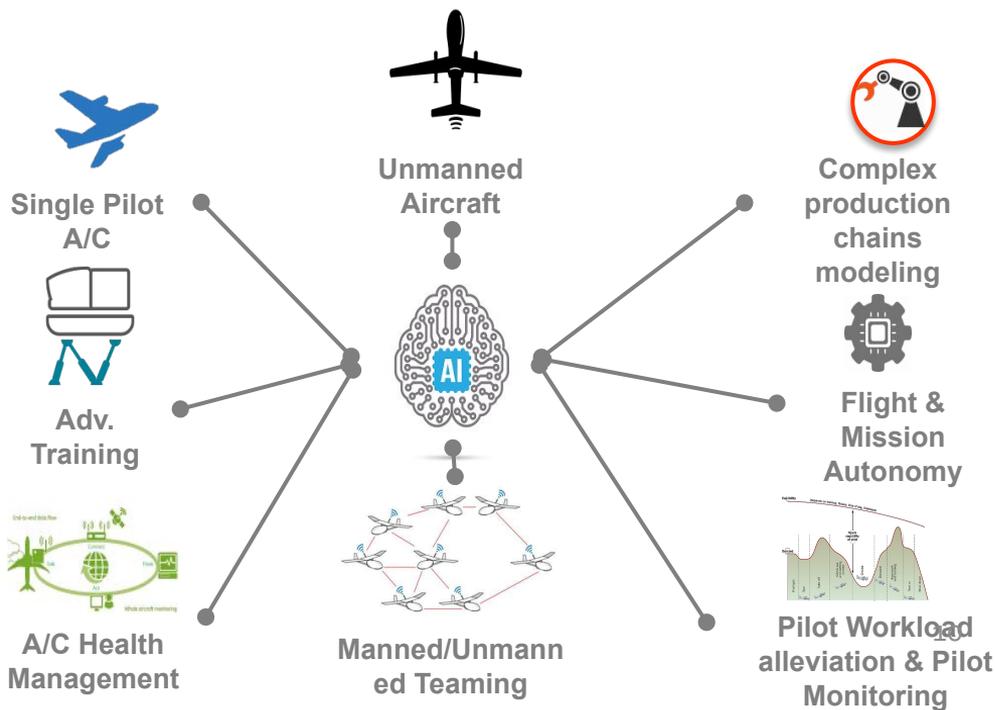
SKYCOPTER

WWW.SKYPERSONIC.NET

SKYPERSONIC

# Smart space - Space Mobility

## AI <> Aeronautics



## Turin's City of Aerospace



# Smart Mobility is a key driver for Torino's innovation strategy.



- ★ Top international innovation brands choosing Torino to build impact



life.augmented

- ★ Open innovation strategy
- ★ Lab for experimentation
- ★ 60+ partners ecosystem



ICT e Innovazione per Società e Territorio



CITTA DI TORINO

- ★ 3rd City in Italy
- ★ industrial economy
- ★ Innovation DNA

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TORINO  
CITY LAB

La politica di innovazione della città di Torino



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