Resilient Urban Services and infrastructures
Who are we?
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The problem

Inadequate urban services and vulnerable infrastructure

POOR RESILIENCE OF URBAN SERVICES THAT IS EXACERBATED BY:

DEMOGRAPHIC PRESSURE & URBANIZATION

SHOCKS & STRESSES: CLIMATE CHANGE, PANDEMICS…
The aim

- Cost Effective Solutions
- Improving Urban Services through Digitilization
- Safer and Healthier Environment
- Disaster Management and Preparedness
- More Efficient Urban Services
Successful stories from Mediterranean

TRANSPORTATION: Egypt – Transport for Cairo, Transit Mapping Revolution

UNDERLYING PROBLEM:
Cars sit in gridlock for hours in traffic, commuters wait at bus stops unsure when the next one will come, overcrowded subway, packed informal microbuses.

RESPONSE
Digital mapping of the city’s complex public transit systems – both formal and informal. Helps users identify the interchange opportunities within diverse transport systems.
Successful stories from Mediterranean PUBLIC SPACES: Marseille, France – Allô Mairie

UNDERLYING PROBLEM:
Public municipal services are sometimes slow and not efficient.

RESPONSE
Modernization of public municipal service through a mobile app for issues related to: Wild tags, dead animals, lighting, green spaces, hygiene, cleanliness, signalling, roads and abusive parking.
Successful stories from Mediterranean

**SOLID WASTE: Beirut, Lebanon – Live Love Recycle**

**UNDERLYING PROBLEM:**
No proper waste management. All waste goes to landfills, polluting the sea and the environment.

**RESPONSE**
An app where, with just a few taps, citizens can request a pick-up for their recyclables. A driver on an e-bike will be at their door within 30 minutes to collect the bags and drop them at local recycling centers.
UNDERLYING PROBLEM:
Cities face many threats to its water supply. Ageing infrastructure and water leaks, population growth and climate change – especially increasing risks of drought and the resulting water scarcity.

RESPONSE
Making city water networks smart! The solution uses digital sensors to detect what’s happening within water networks, and to prevent small issues, such as leaks, from turning into big problems. So now, if there’s a leak in the network, a sensor will detect it and send an alert
Conclusions

- With growing challenges such as increasing urbanisation, greater pollution, climate change, and ageing infrastructure, there’s a real need for cities around the world to get up to speed with the digitised revolution.

- Digitalised solutions are now cheaper and more accessible than ever.

- Digitalization generate large amounts of data and information, allowing us to make better decisions.