



Smart Urban Mobility

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PROBLEM ANALYSIS

TRAFFIC CONGESTION

(30% longer travel times during peak hours)



ROAD ACCIDENTS

(90% in the EU caused by human error)



HIGH EMISSIONS

(transport accounts for 25% of CO2 emissions)

What does already exist?

«Mobility Cloud» Milan Smart Mobility



OBJECTIVE:

to create
an integrated
data ecosystem



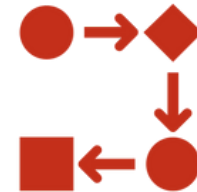
MAIN COMPONENTS:

- dynamic traffic management (adaptive traffic light, operator dashboards)
- intelligent public transport (zero emission buses)



CHALLENGES:

- resistance of citizens
- interoperability between different systems



NEXT STEPS:

expand
the project

How to **SOLVE** THE PROBLEM



Real-time traffic management system



Road safety with Computer Vision



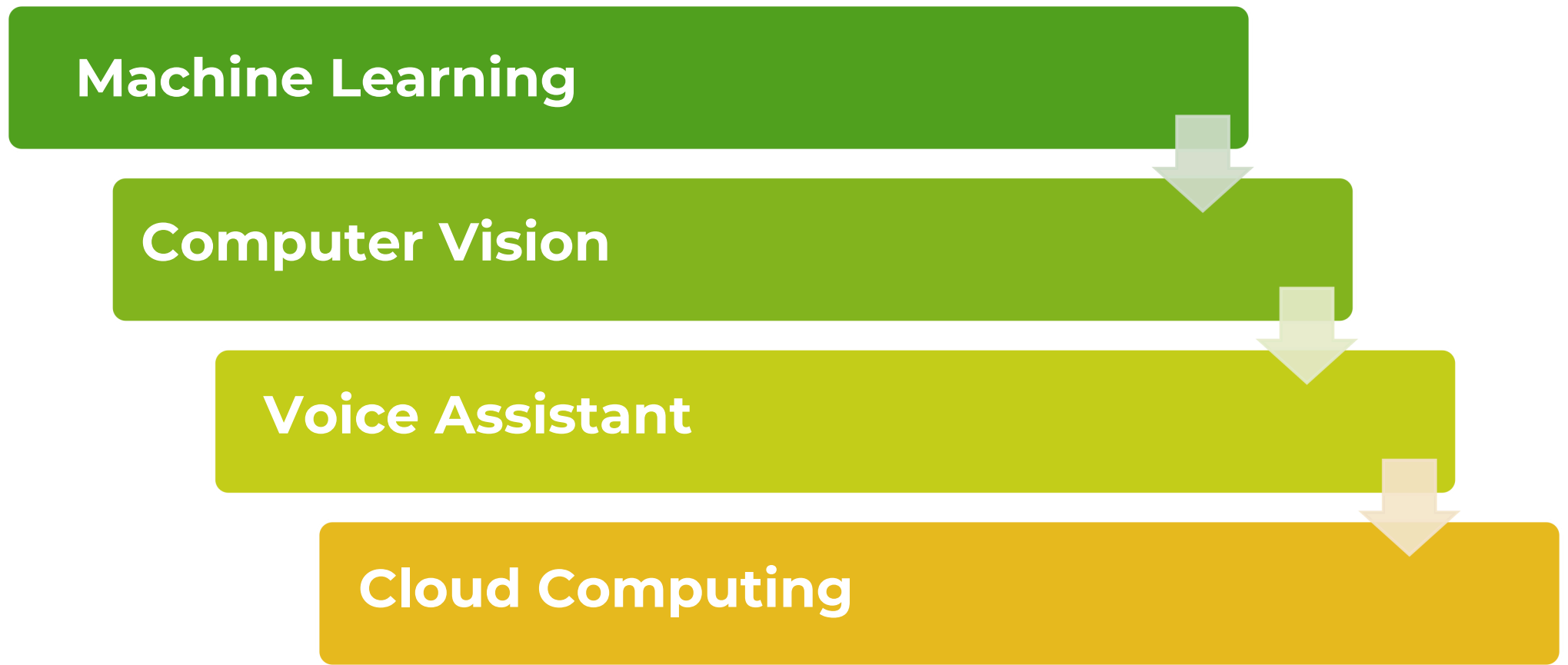
Personalized multimodal mobility



Predictive maintenance for vehicles

KEY TECHNOLOGIES

Machine Learning



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graph TD; A[Machine Learning] --> B[Computer Vision]; B --> C[Voice Assistant]; C --> D[Cloud Computing];
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Computer Vision

Voice Assistant

Cloud Computing

Why should we
BELIEVE
in this
project?



Reduction of social and economic costs



Environmental sustainability



Better quality of life



Response to future emergencies

FEASIBILITY



Mature Technologies:

AI, IoT and Cloud are already being used in similar projects (Singapore, Barcelona)



Available data:

Many cities already have sensors and databases (ATM Milan, Rome services)



Successful examples:

Replicable models like Whim (Helsinki)



DISCOVER MORE



The mobility of the future,
TODAY.