



HACKATHON

**THE FUTURE OF
CONNECTED MOBILITY**



INTELLIGENT ROAD LIGHTING

Light up the
road !

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AGENDA

PROJECT CONTEXT

What is the
problem to
solve ?

01

THE SOLUTION

What is the
concept of Irl ?

02

TECHNICAL ASPECTS

What are the
technologies
used ?
Architecture ?

03

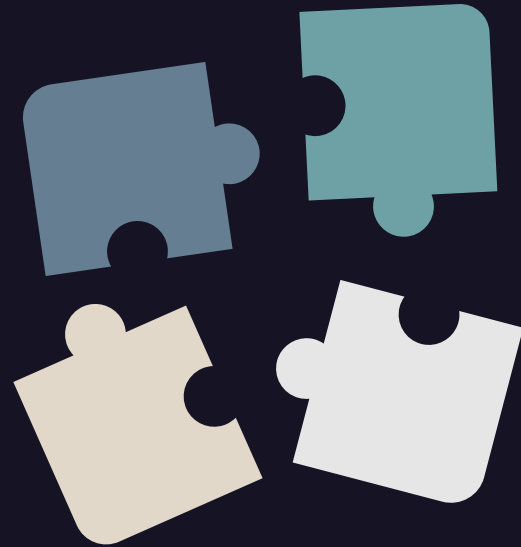
IRL IN THE FUTURE

More sensors ?
Enhancement of
the solution

04

WHAT IS THE PROBLEM TO SOLVE ?

01



IN THE CITY CENTER



IN THE COUNTRYSIDE



Some users are
INVISIBLE on
the road

475



Pedestrians
dead in 2018
in France

167



Cyclists dead
in 2018 in
France

136



Riders of
moped dead in
2018 in France

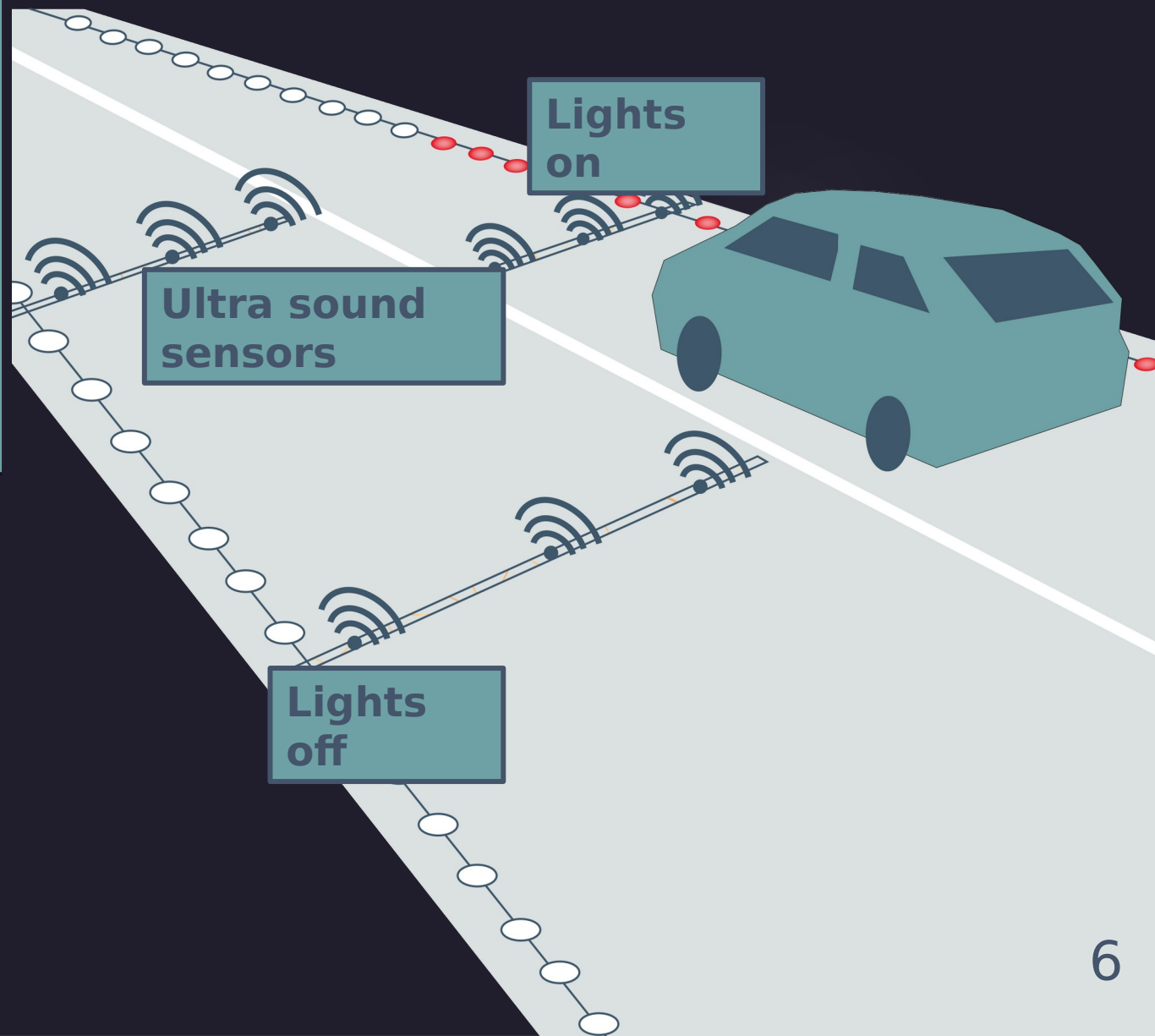
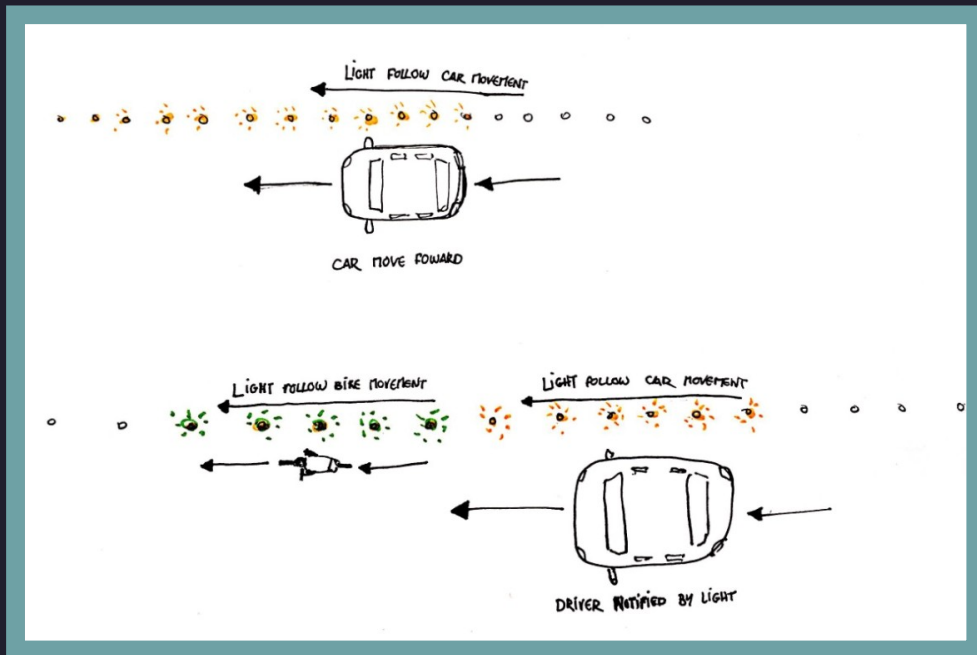


Statistics from the ONISR

OUR SOLUTION LIGHT UP THE ROAD !

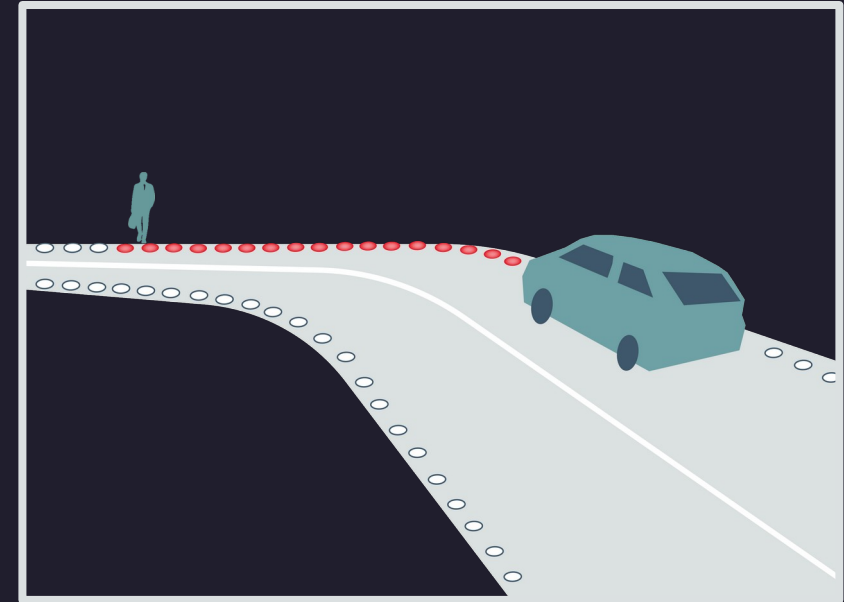
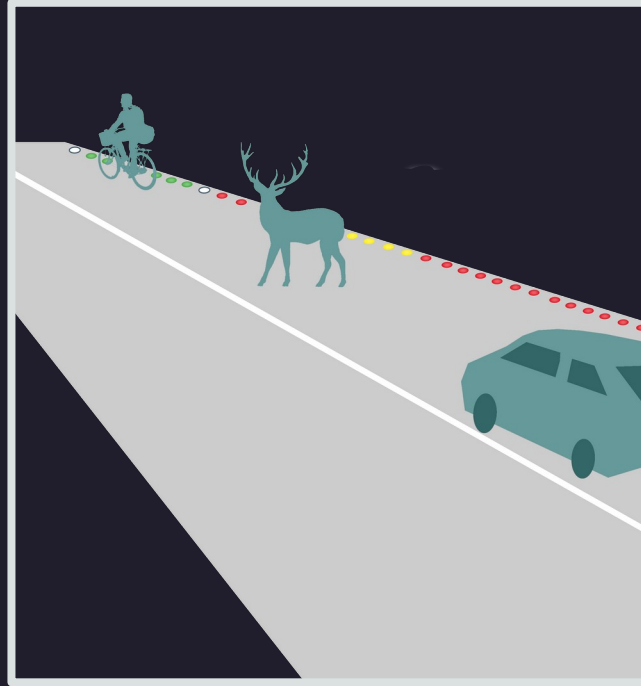
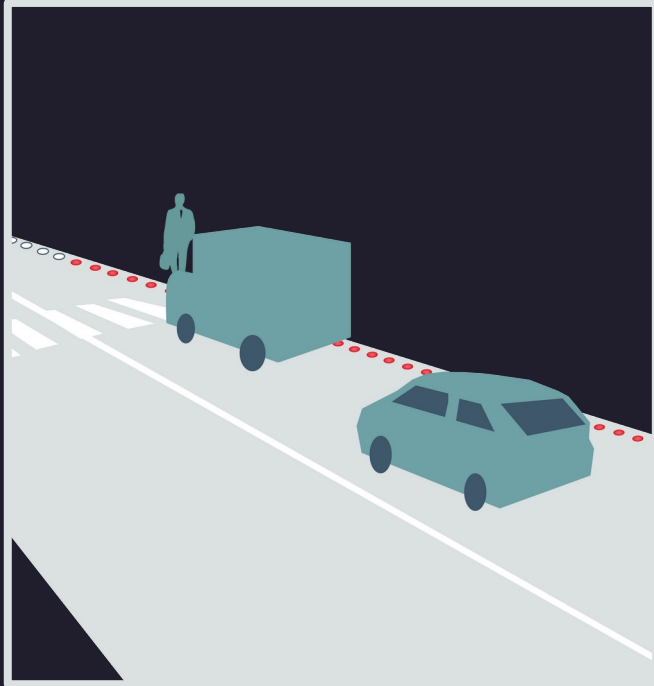
02





VISIBILITY
 TY SAFE UNIVERSAL
 TY VALUABLE
 ADAPTABLE
 DATA
 RT

KEY SITUATIONS



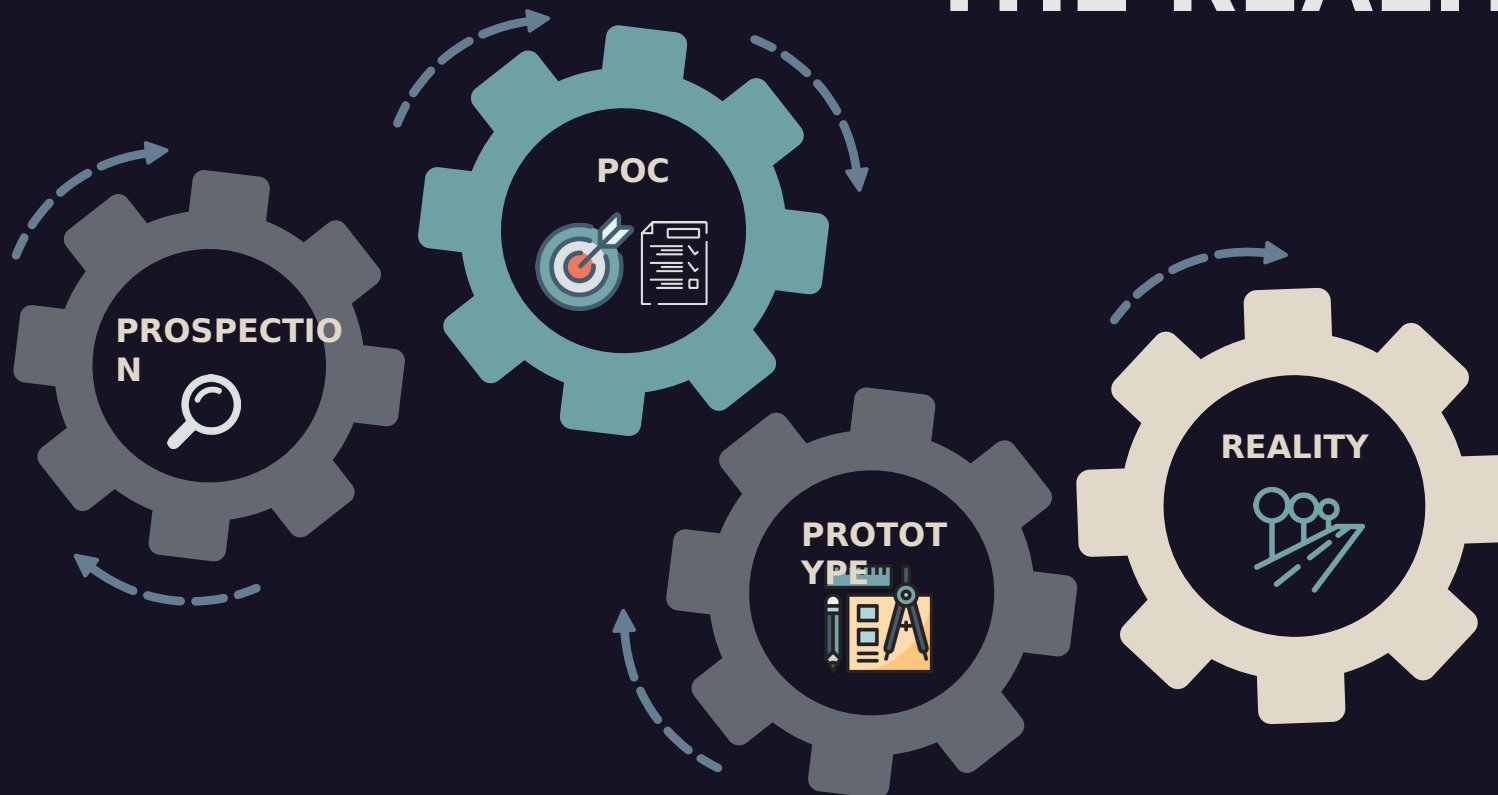
Electric
car



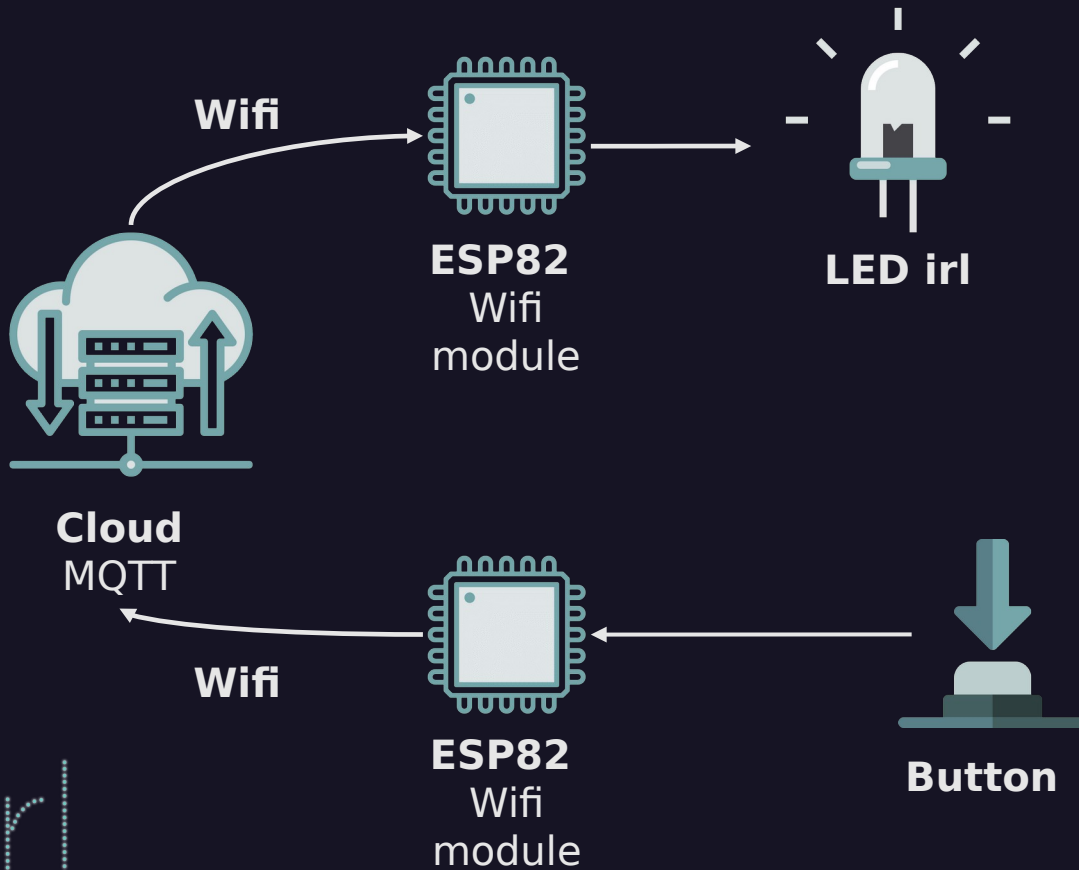
Deadly
silent

TECHNICAL ASPECTS FROM THE POC TO THE REALITY

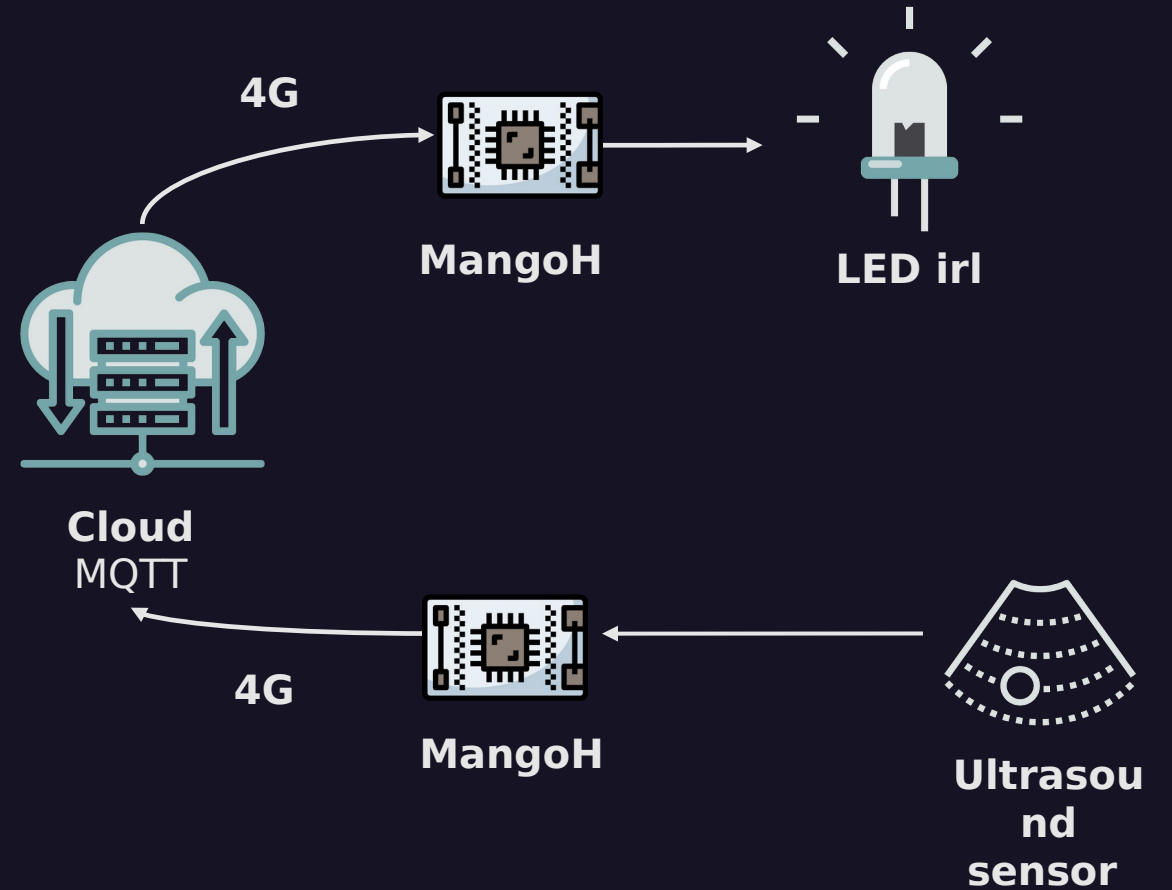
03



POC ARCHITECTURE



REAL ARCHITECTURE



A FUTURE FOR IRL

04

TODAY



TOMORROW

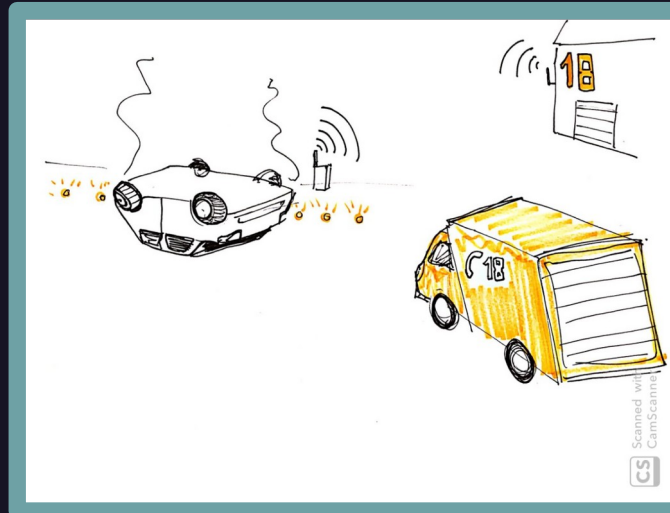
A future for Irl !



MANAGE
ENVIRONMENTAL
IMPACT
Close the energy loop



DATA EXPLOITATION
Give sense to the
collected data, rescue
services



EXTEND THE SOLUTION
TO BLIND PEOPLE
A universal solution





THANK YOU

Any questions ?