

roboat
powered by



Massachusetts
Institute of
Technology

ROBOAT

the world's first fleet of autonomous boats





DAMAGE

heavy load on urban
infrastructure

9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



CONGESTION

lack of public space &
limited mobility

11 SUSTAINABLE CITIES
AND COMMUNITIES



EMISSION

private ownership &
pollution

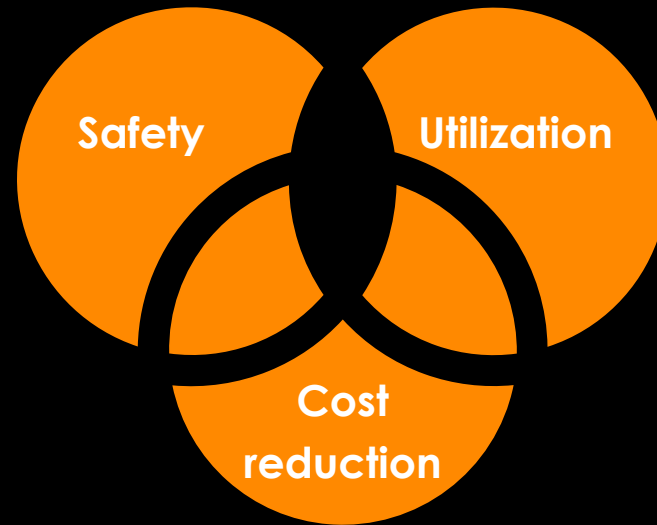
13 CLIMATE
ACTION





VS

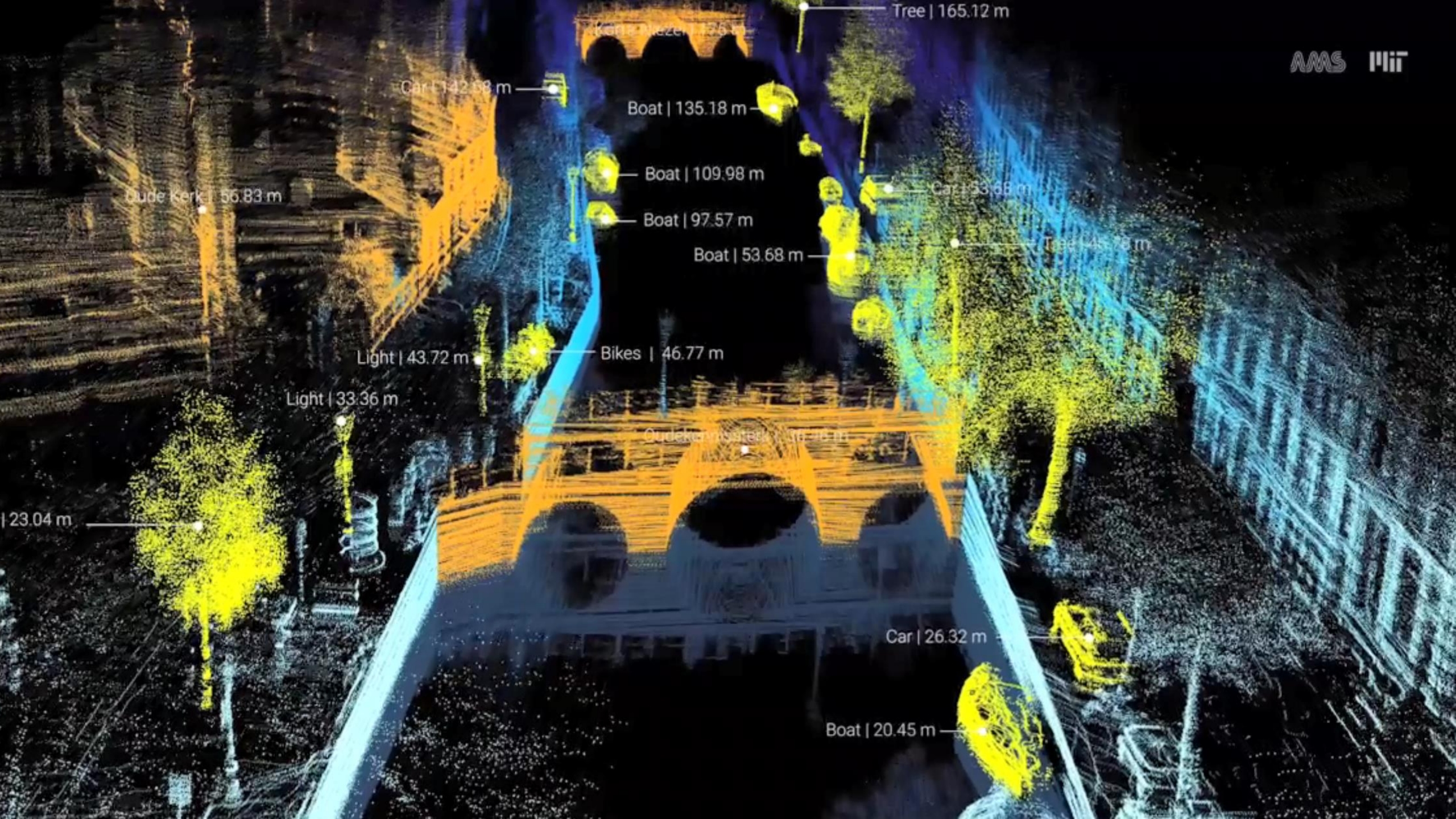










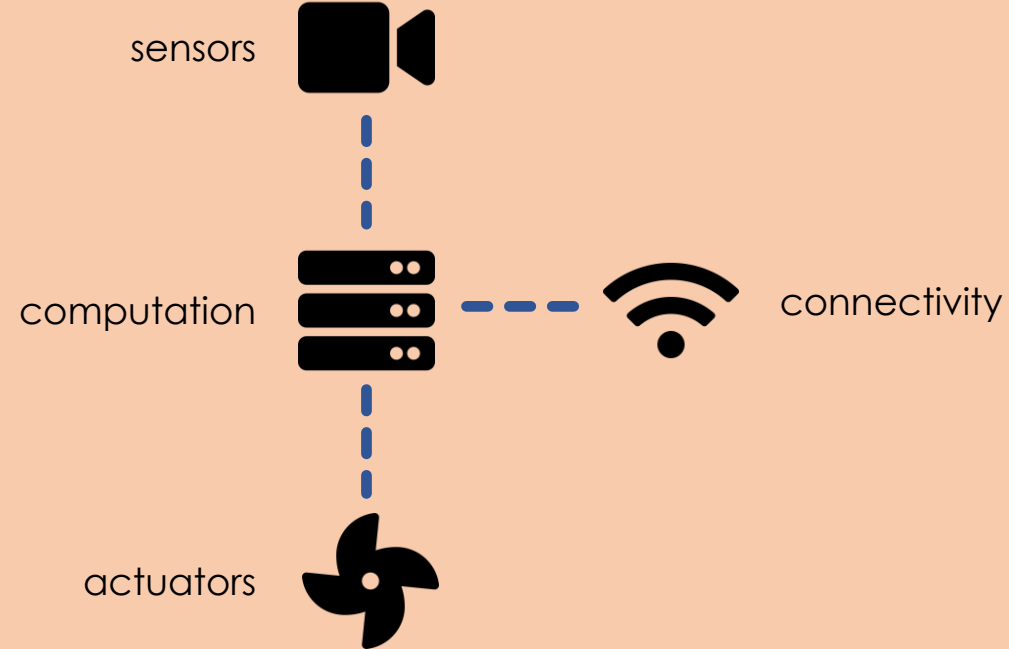
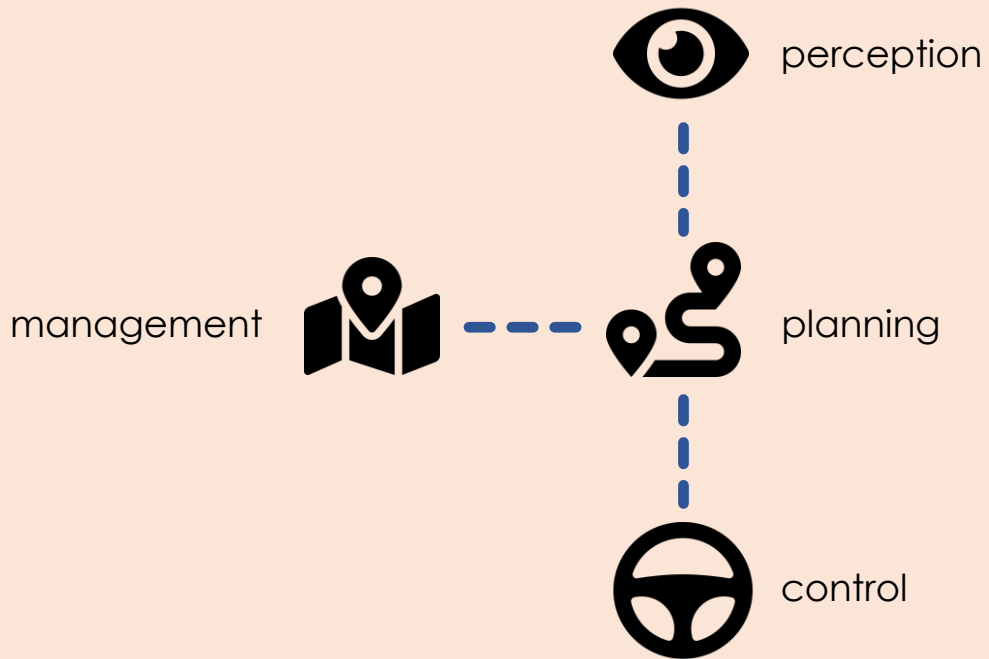


AUTONOMY

software

hardware

LEVEL



vessel

1

assist skipper
skipper in control

2

partial autonomy
skipper supports

3

conditional autonomy
skipper intervenes

4

high autonomy
skipper consults

5

full autonomy
no skipper needed





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