FlexCurb Project

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The curb is an increasingly valuable resource

• Increasing conflicts in the use of the curbside: vehicle parking, loading zones, bike lanes, bus stops, micromobility parking, etc.

• Many cities are missing a consistent understanding of the supply and demand of curbside assets.

• Cities are missing a comprehensive perspective of their curbside regulations

Flexible use of the curb

Allocation of multiple functions to curb spaces simultaneously or at different time windows

- More efficient and rational use of curb space (economically and operationally)

- Meeting needs of multiple stakeholders (last-mile logistics, active mobility, residents, businesses)

- Improved vehicle flow, reduced congestion and double parking

- Improved availability of space for logistics operations

FlexCurb: pushing forward the vision of Flexible Curb Management

1

Digitalize inventory of city's curb regulations:

- Standard data representation

2

Globally understand the curb supply & demand:

- Simple visualization
- Analytics and indicators

3

Adapt and communicate curb regulations:

- Accommodate competing needs
- Meet policy goals
- Communicate with citizens

eit Urban Mobility

URBAN RADAR

FlexCurb consortium
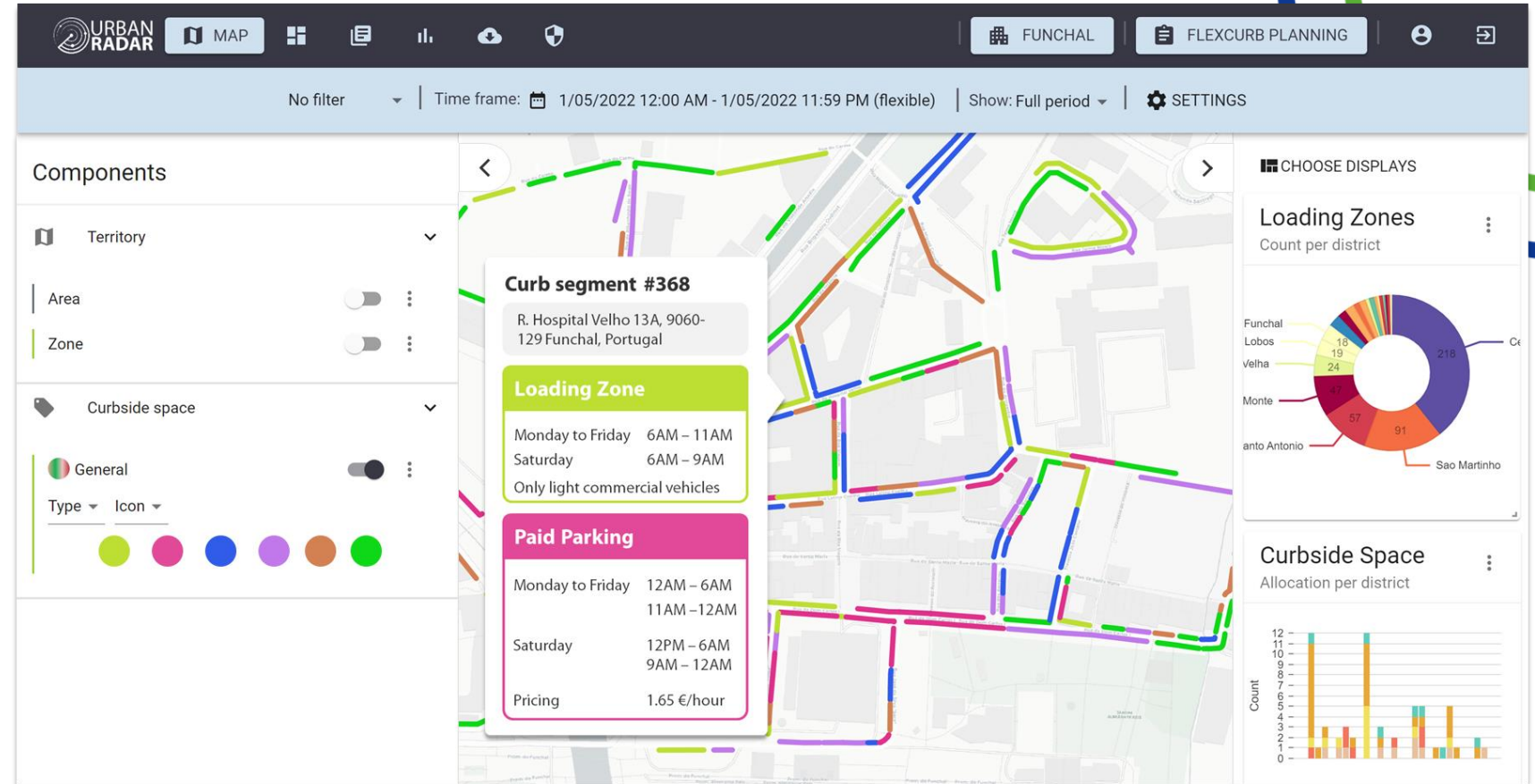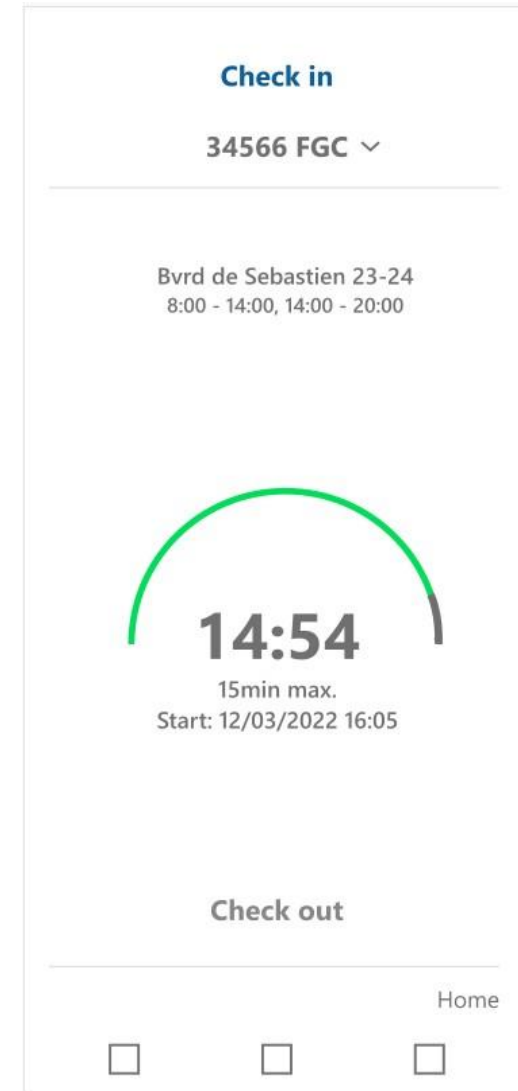

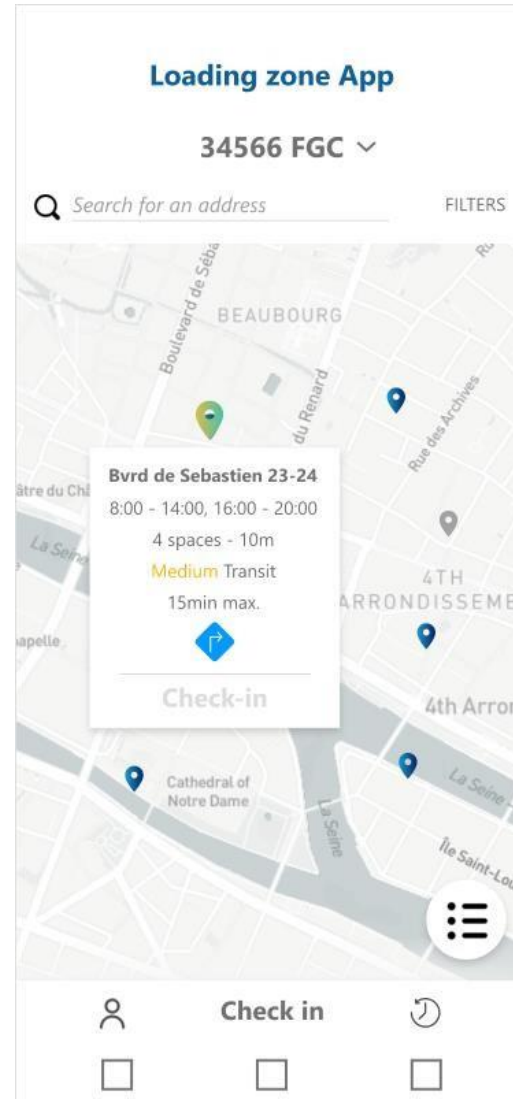Cities

Network & Specialty

Technology

FlexCurb Planning Platform

- Digital inventory of curb regulations

- Intuitive visualization and analysis of curbside regulations

- Activity analytics on the use of Loading Zones

- Interactive analytics to advance the SUM Zones vision

FlexCurb Driver App

- Let drivers locate smart LZ in the city where they operate

- Suggest the closest LZ to their destination

- Provide driving directions to LZ from current location

- Collect destinations search data

- Allow for check-in/check-out of smart LZ

- Collect check-in/check out data

- Tell drivers their remaining parking time based on LZ conditions

Contact us

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