



Ülemiste
City

EU Open Data Days 2025

Data Reuse & Impact on a Case-Study of
Green City Web Service

Smart City



Forward-thinking & diverse ecosystem, using technological and data-based solutions, leading to economic and social well-being of the Citizens and Talents.

Smart City RADAR

Analytical and data-driven holistic model—**RADAR**: quantitative management Tool to assess a Smart City performance, thus enabling and supporting the interpretation of outcomes, as well as the decision making.



Assets and equity

Sales volumes

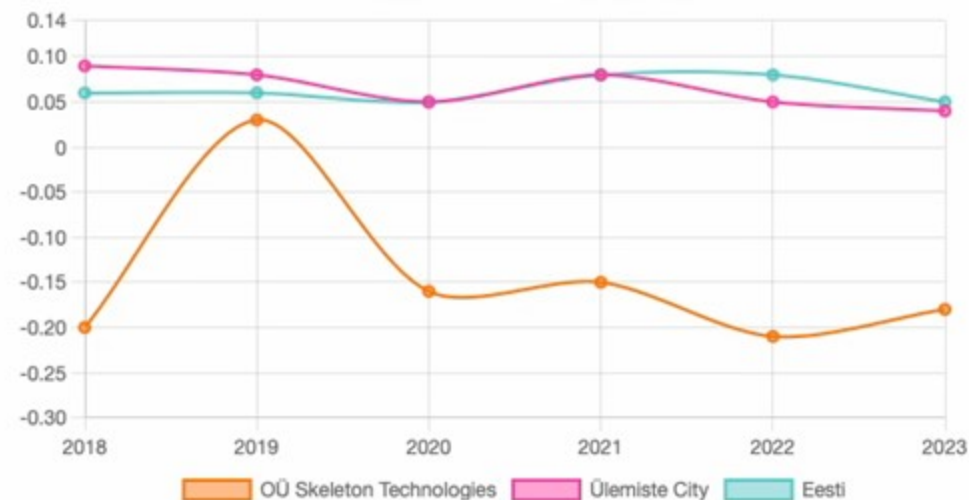
Efficiency

Labour force

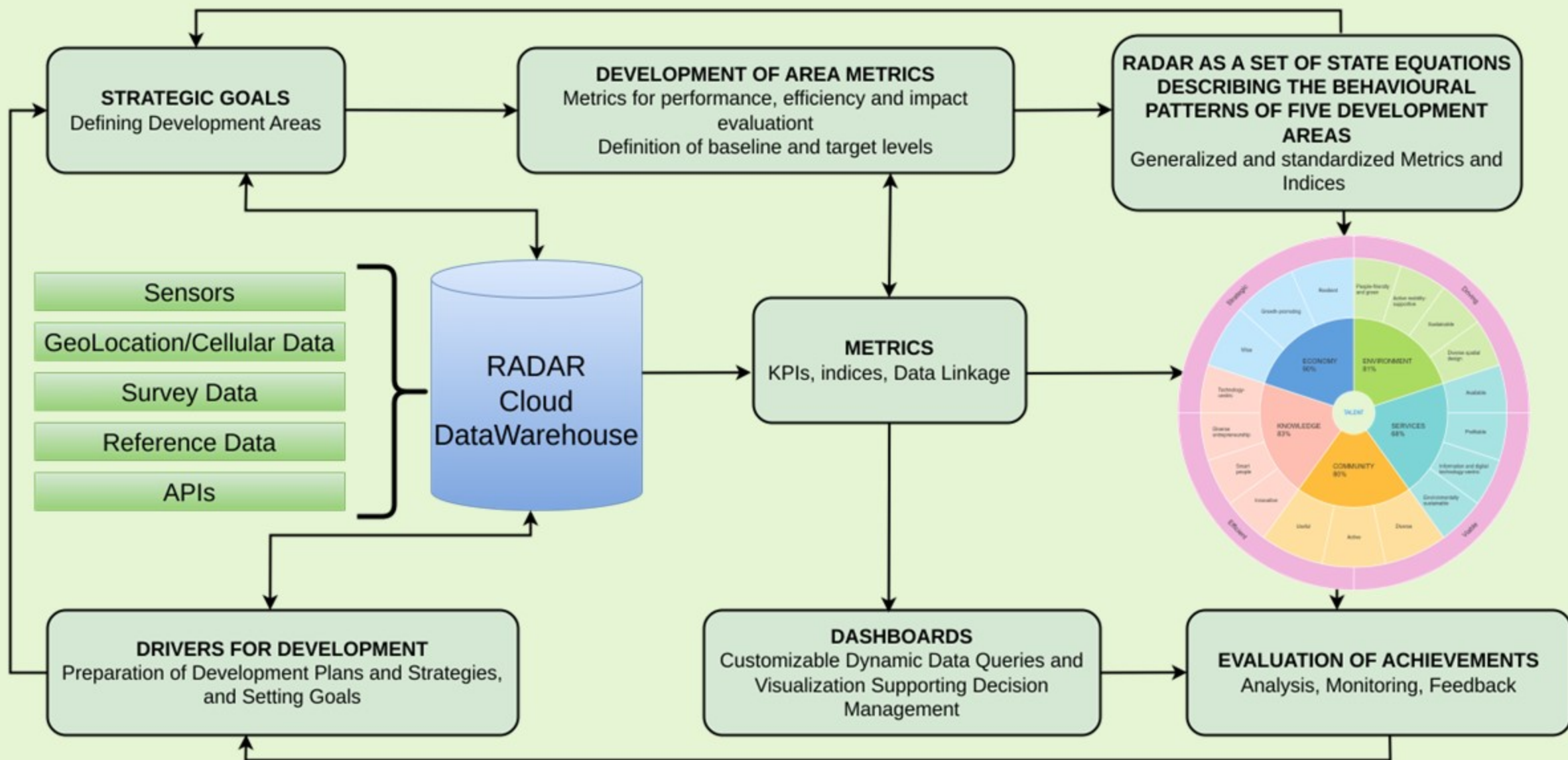
Return on equity (net profit/equity)



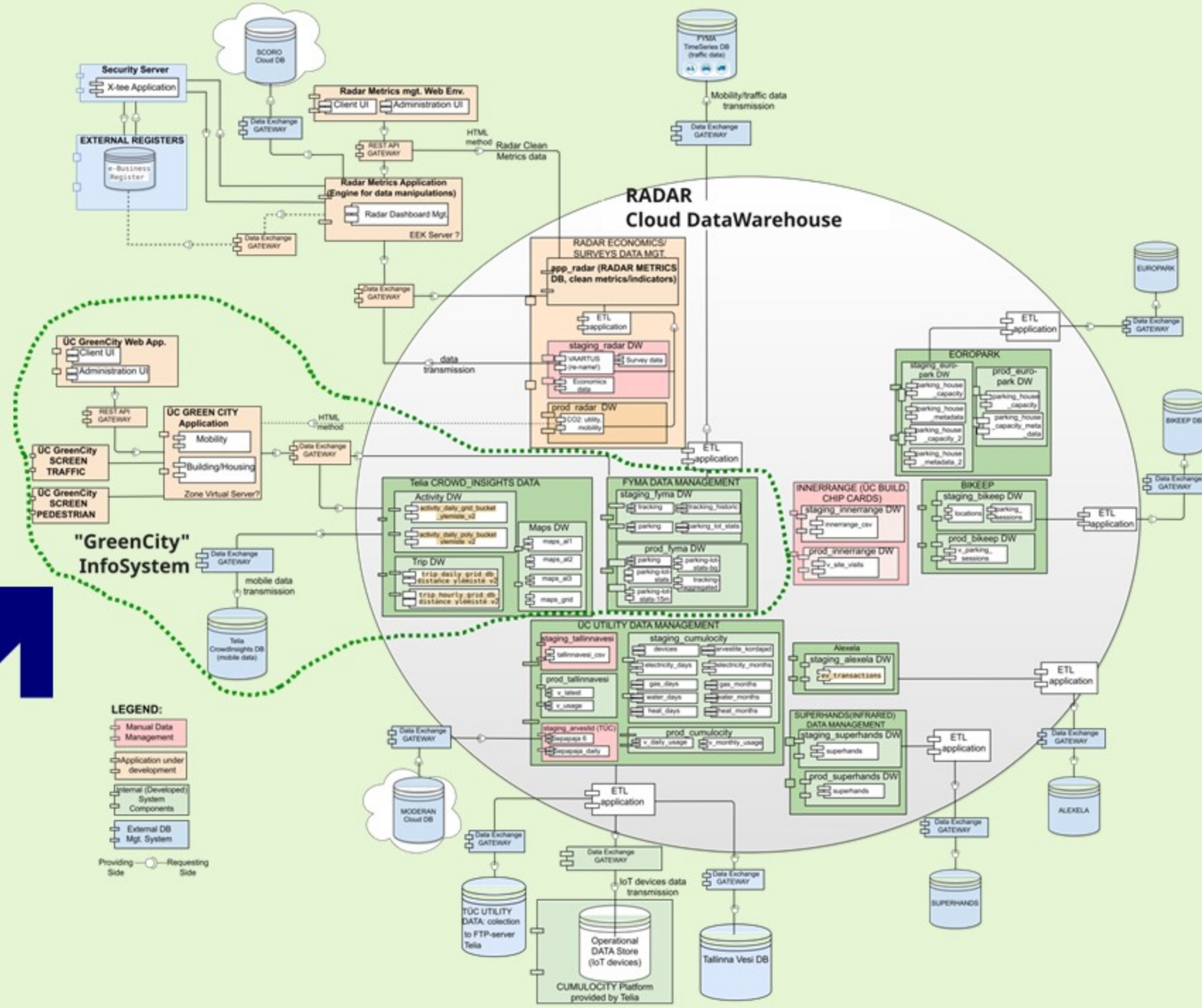
Return on assets (net profit/assets)



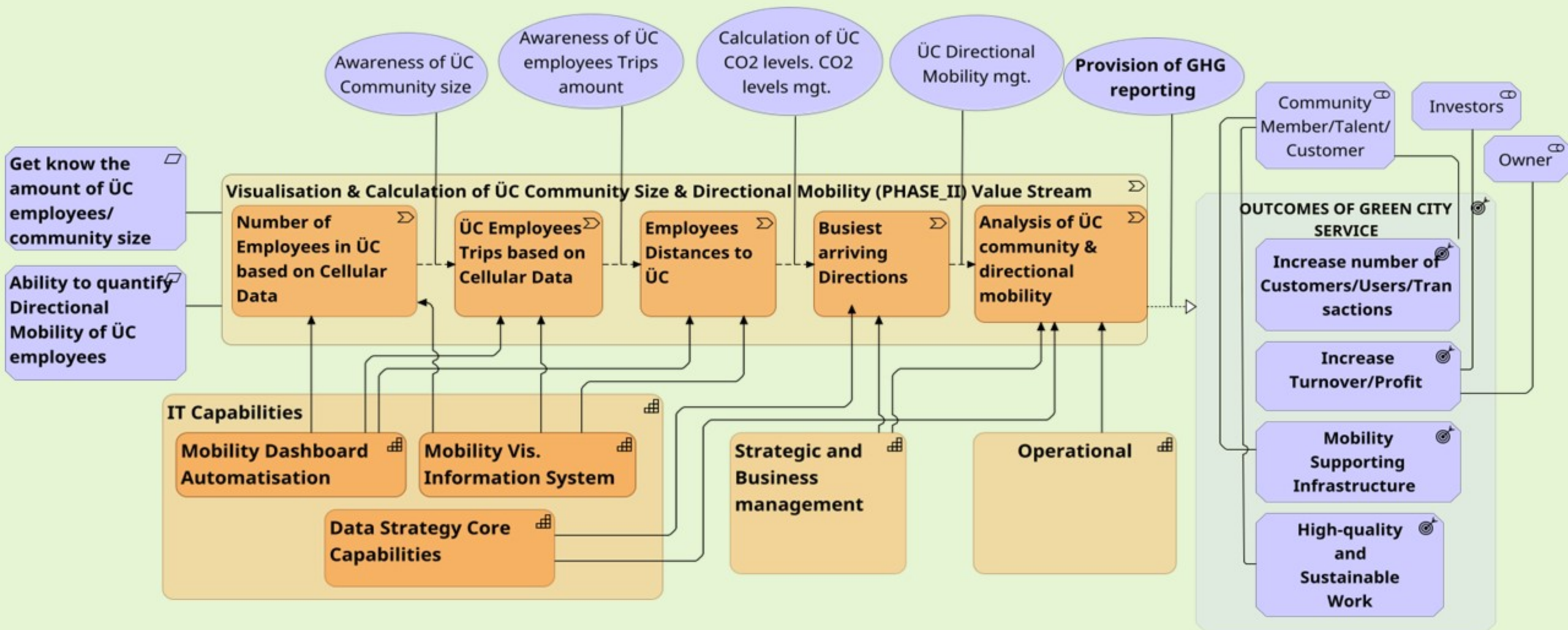
OÜ Skeleton Technologies	2018	2019	2020	2021	2022	2023
Number of employees	55	39	53	71	98	119
Number of employees in ÜC	0/55	0/39	0/53	0/71	0/98	0/119
Number of foreign employees	0/55	0/39	0/53	0/71	0/98	0/119
Assets	13,1 milj. €	14,8 milj. €	13,4 milj. €	19,3 milj. €	21,8 milj. €	19,4 milj. €
Equity	3,1 milj. €	4,6 milj. €	4,3 milj. €	5,3 milj. €	5,9 milj. €	11,5 milj. €



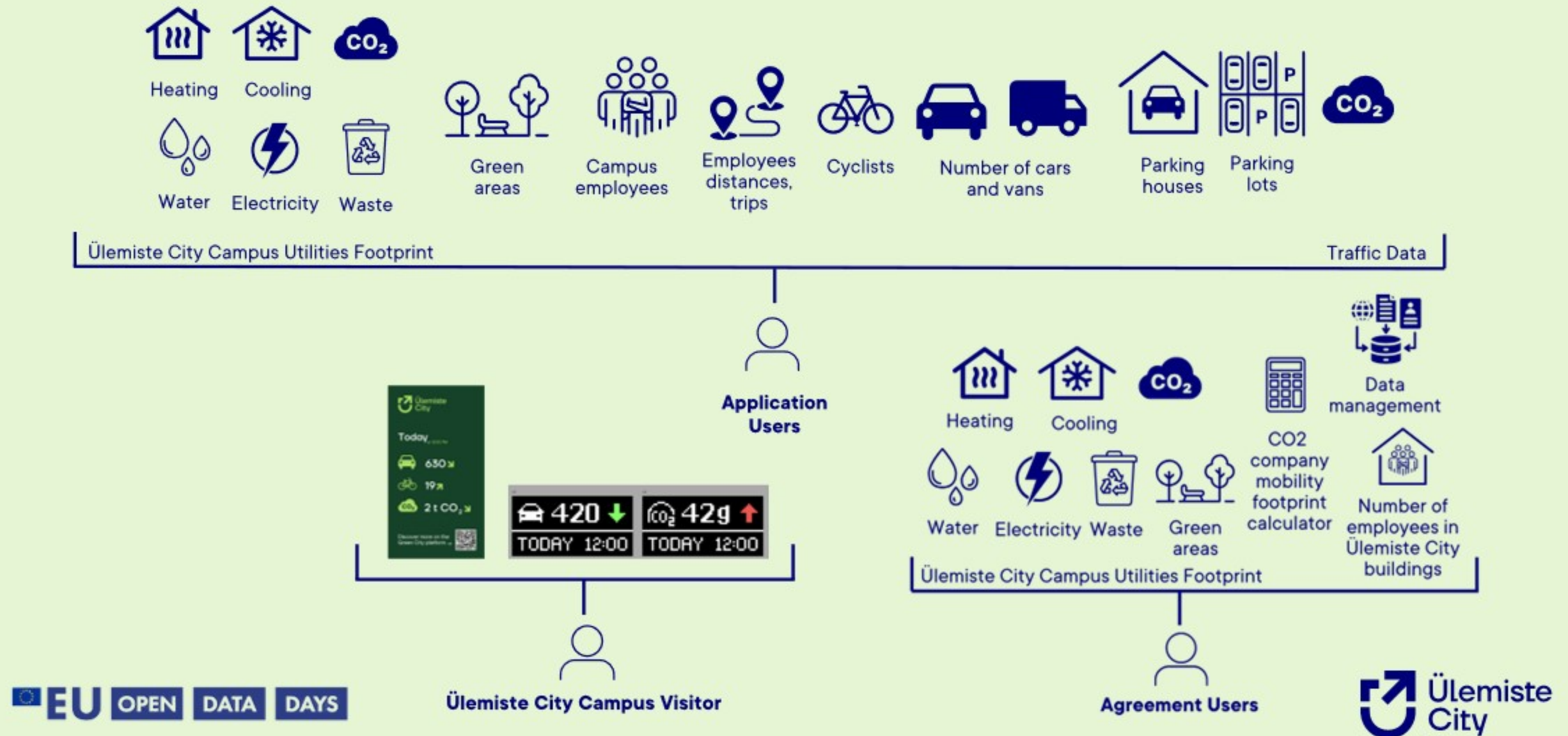
Green City Infosystem IT-Architecture in context of RADAR Cloud DW



Green City Value Stream: Alignment of Business Strategy & Infotechnology



Green City Web Application Functionality



Ülemiste City

Campus raport

Green goals ⓘ

Reduction of total energy use (-375 MWh)

Travels by public transport, walking or cycling

Waste separate collection (55%)

People

- Movement

Traffic

Parking

CO₂ (transport)

Sign in

to see your company data
and learn how to become
more sustainable.

Email

Password

Create account

Log in

Electricity Heating Water Waste CO₂ | Mobility ▼

Waste produced ⓘ

2023

2024

Compared to last month ⓘ

Bio Mixed Packaging Paper & Cardboard Total

-2 t

Difference: -4%

Experience Gained

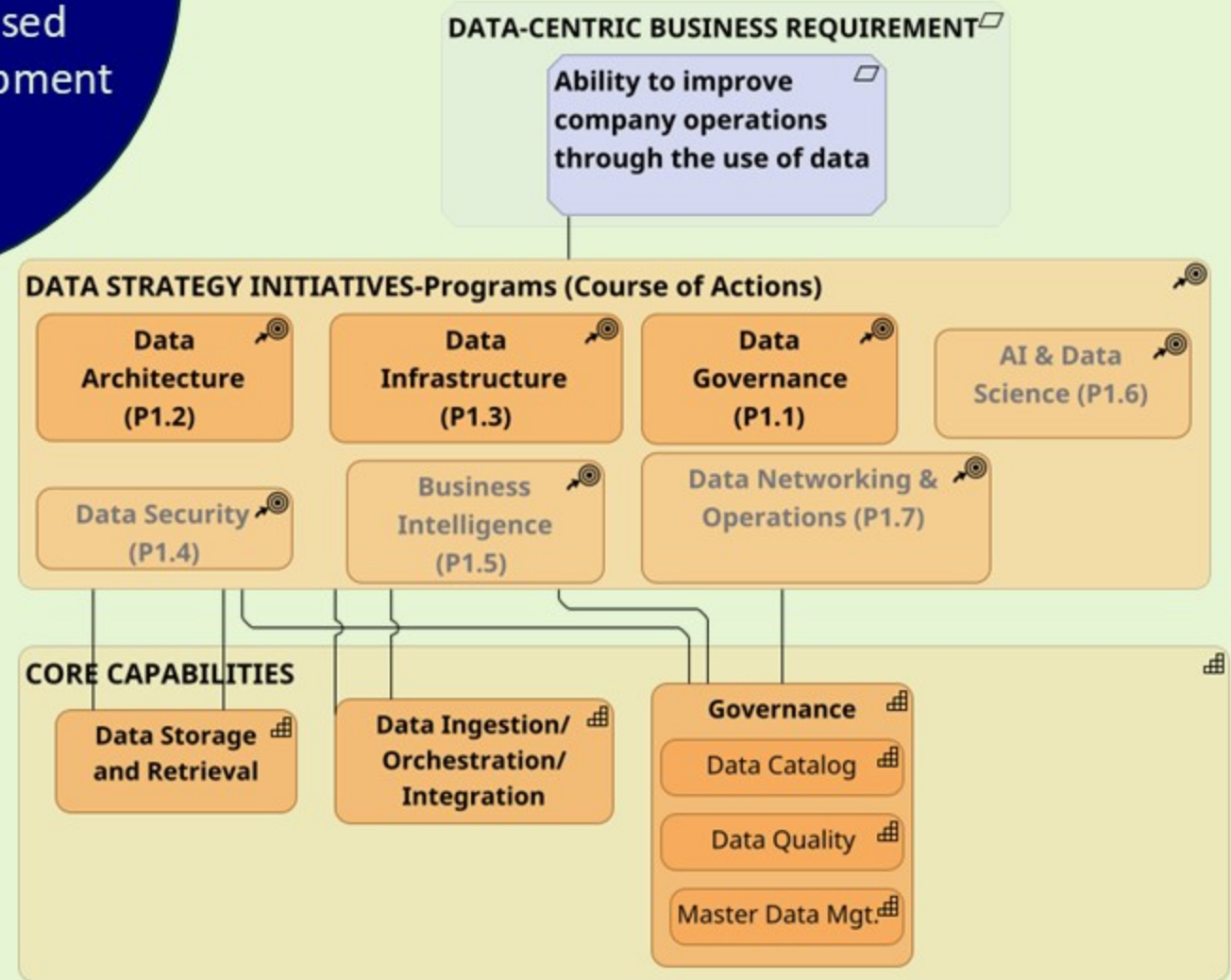
→ Innovation is based on agile development & testing.

Data Governance:

- Master Data Mgt.: underestimated importance of SLA
- Data Catalog: lack of standardized naming

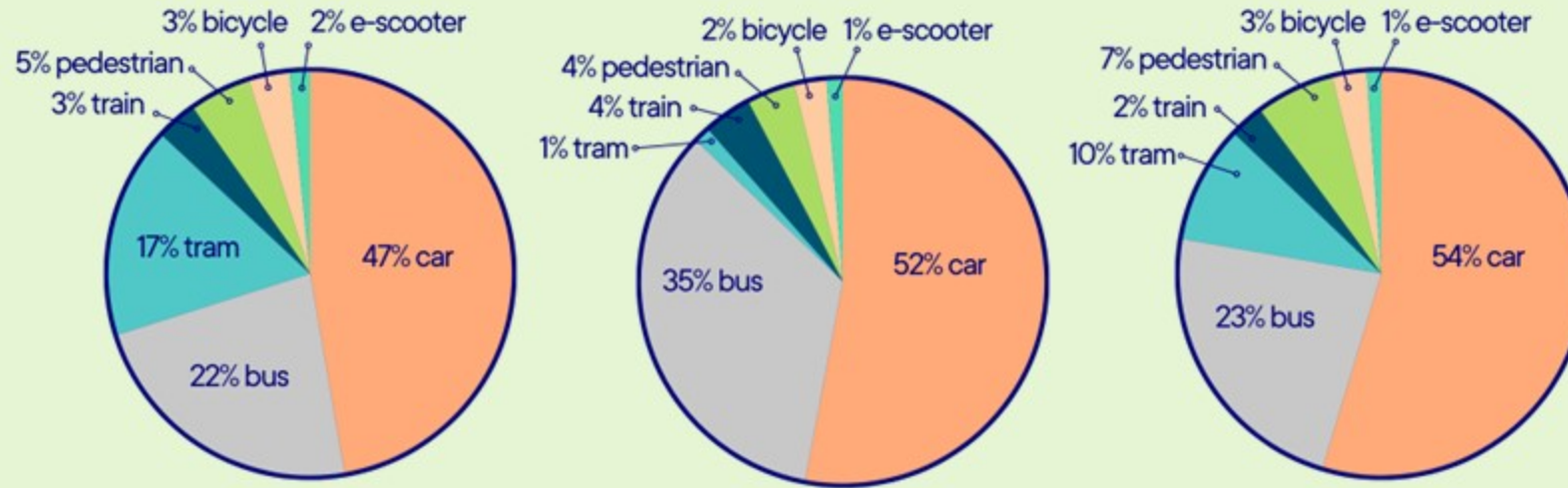
Data Architecture & Infrastructure:

- Physical/Logical Dbs: non-optimised Queries



Results

Awareness of Ülemiste City community members of the number of cars on Campus during the current day, as well as the trend compared to the previous day.



Target Expectations by 2030

Decrease the share of private cars by 10%

Increase the number of sustainable transport modes incl. Cyclists by 10%.

Thank You!

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