



EXPERIENCES OF INNOVATIONS IN A SMART SUSTAINABLE CITY

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The role of a city in terms of innovations, examples from GrowSmarter

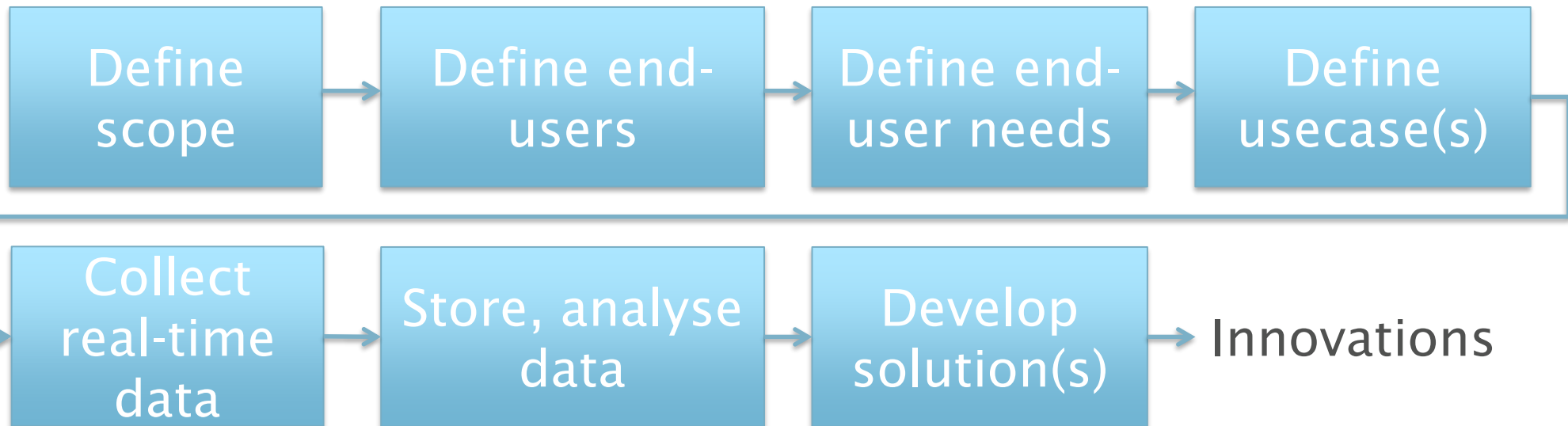
Type of Innovation	Test platform	Role of City	Role of partner
Energy efficiency innovations	Existing buildings	Coordinate refurbishment, timetable, costs, operate solutions	Implement and evaluate their solution
Smart waste system innovation	Residential block	Building permits	Implement, operate and evaluate solution
Data driven innovation	Event area	Procure and implement sensors, lead innovation process with partner	Implement data platform, analyse, visualise data, develop innovations based on data

Approaches to data driven Innovations

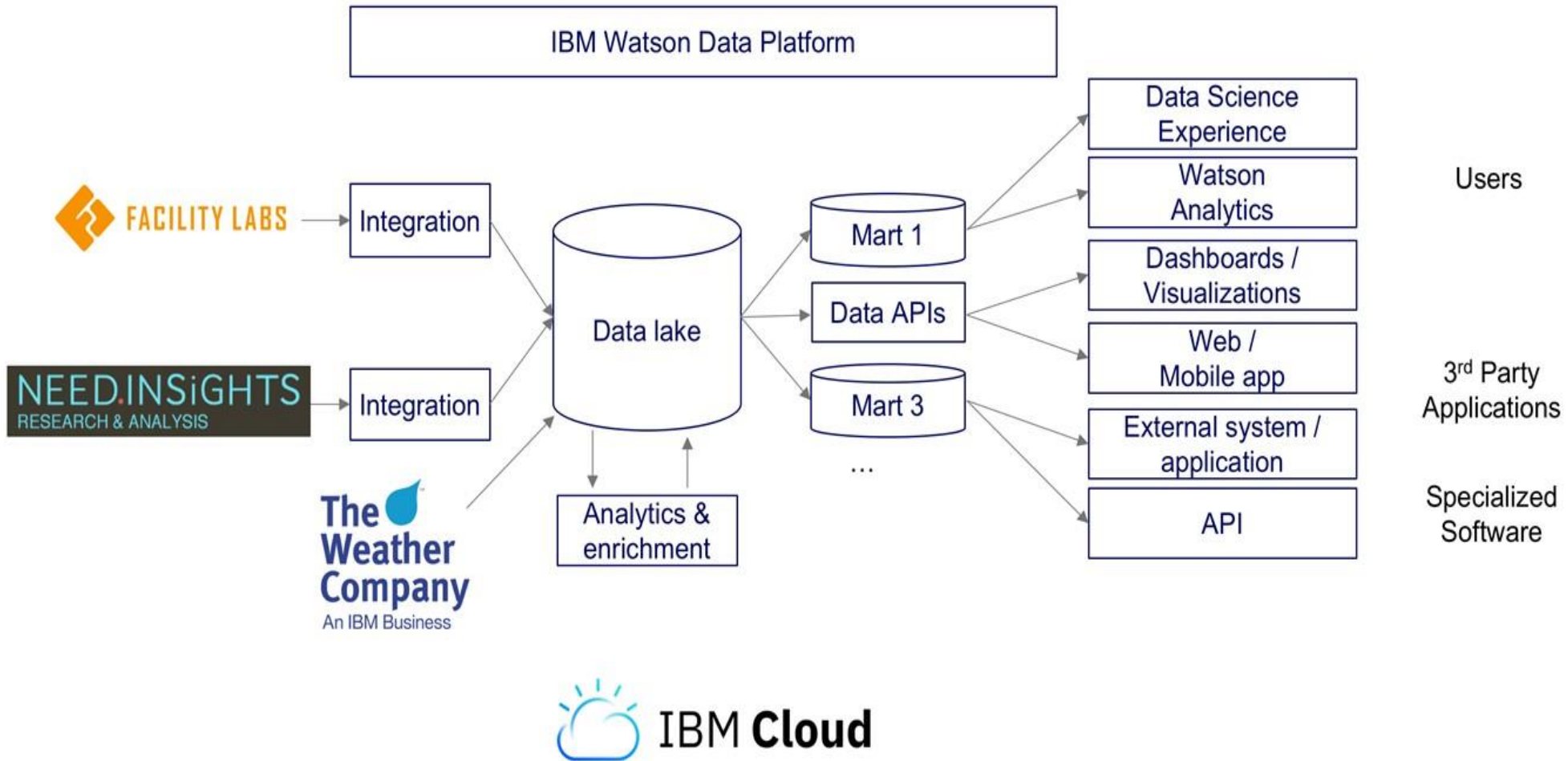
City led process



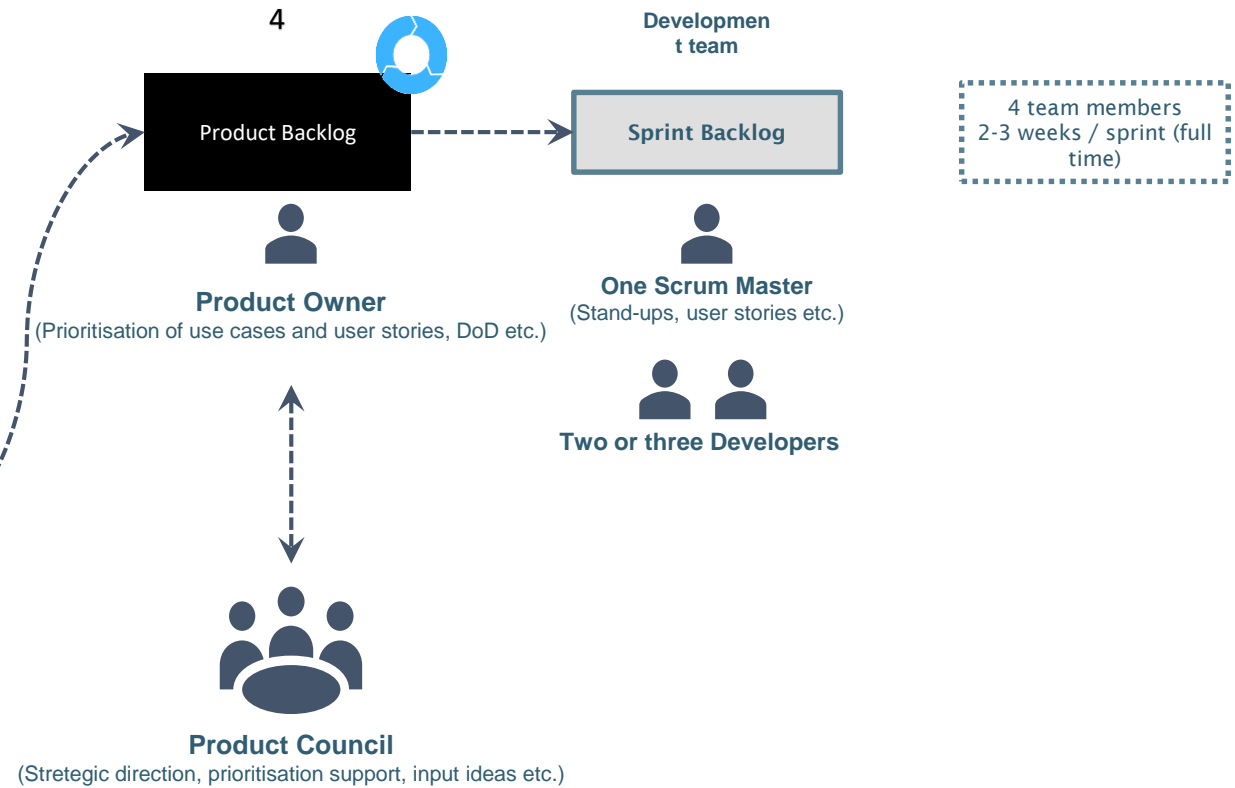
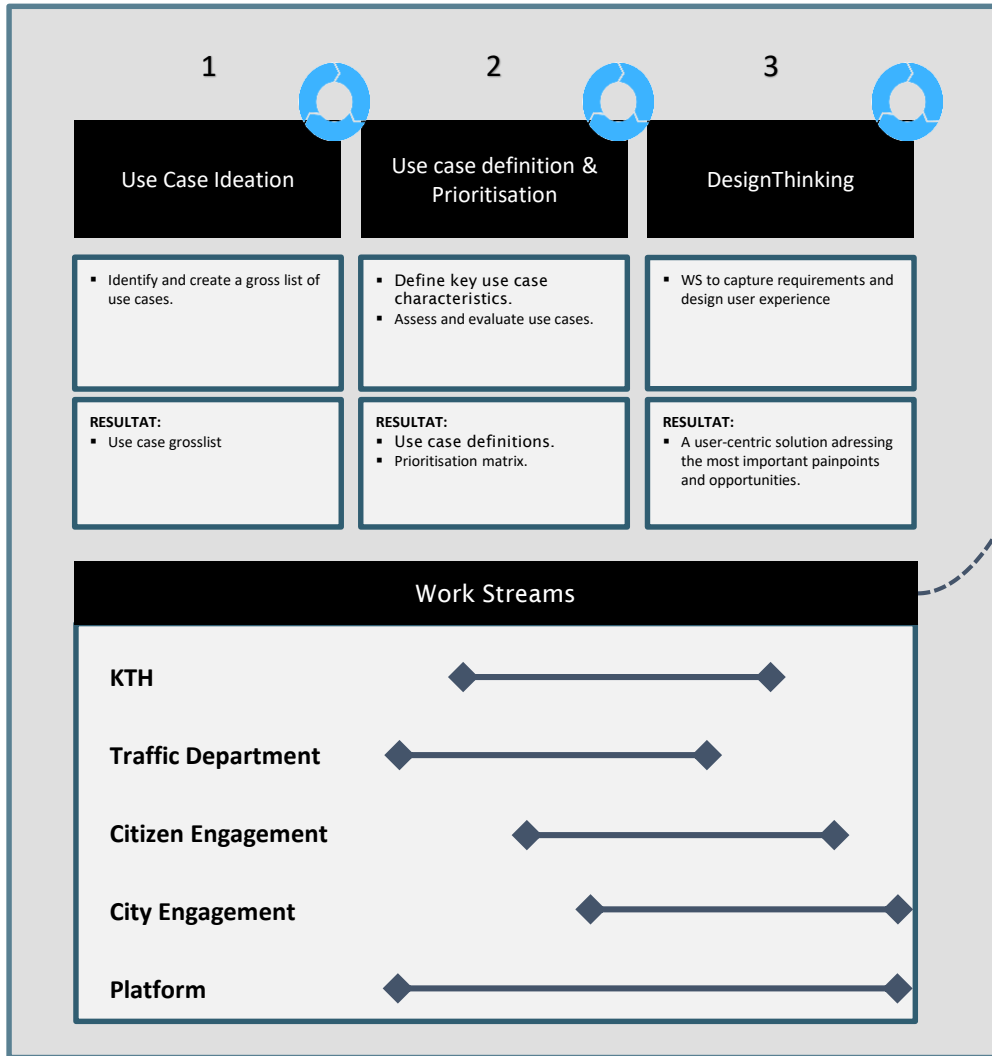
End-user led process



DATA ARCHITECTURE



PROCESS



METRO-LIVE - USING SENSOR DATA AND ANALYTICS TO HELP VISITORS AT EVENTS

Real Time Visualization

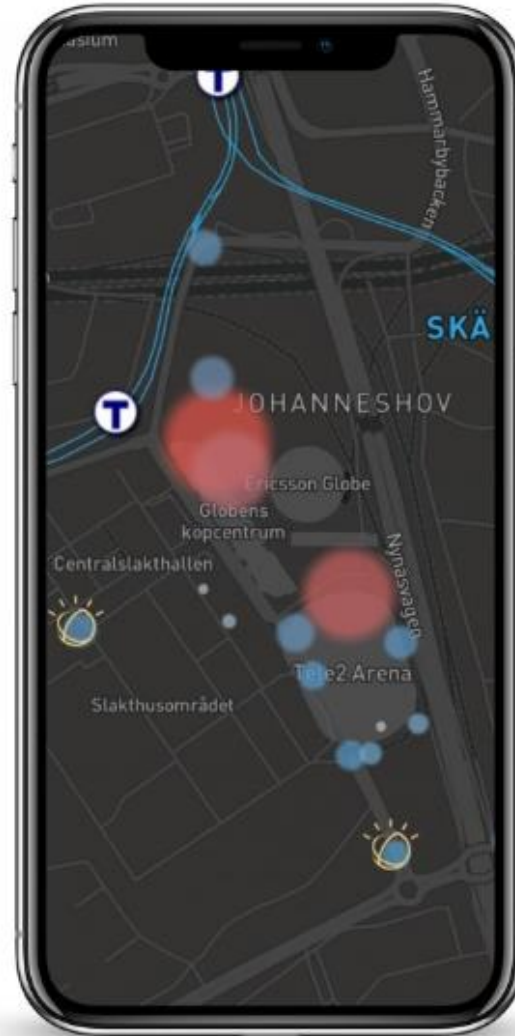
By using real-time sensor data we are capable to show you how congested the "Slakthuset" area is at present.

Walk-time prediction

Based on the number of people has been captured by each sensor, our data scientists have developed an advanced machine learning algorithm to estimate the real walk time between current location and destination.

Interactive Journey Planner

The journey planner allows app users to find automatically the best route to get to their destinations in Stockholm city.



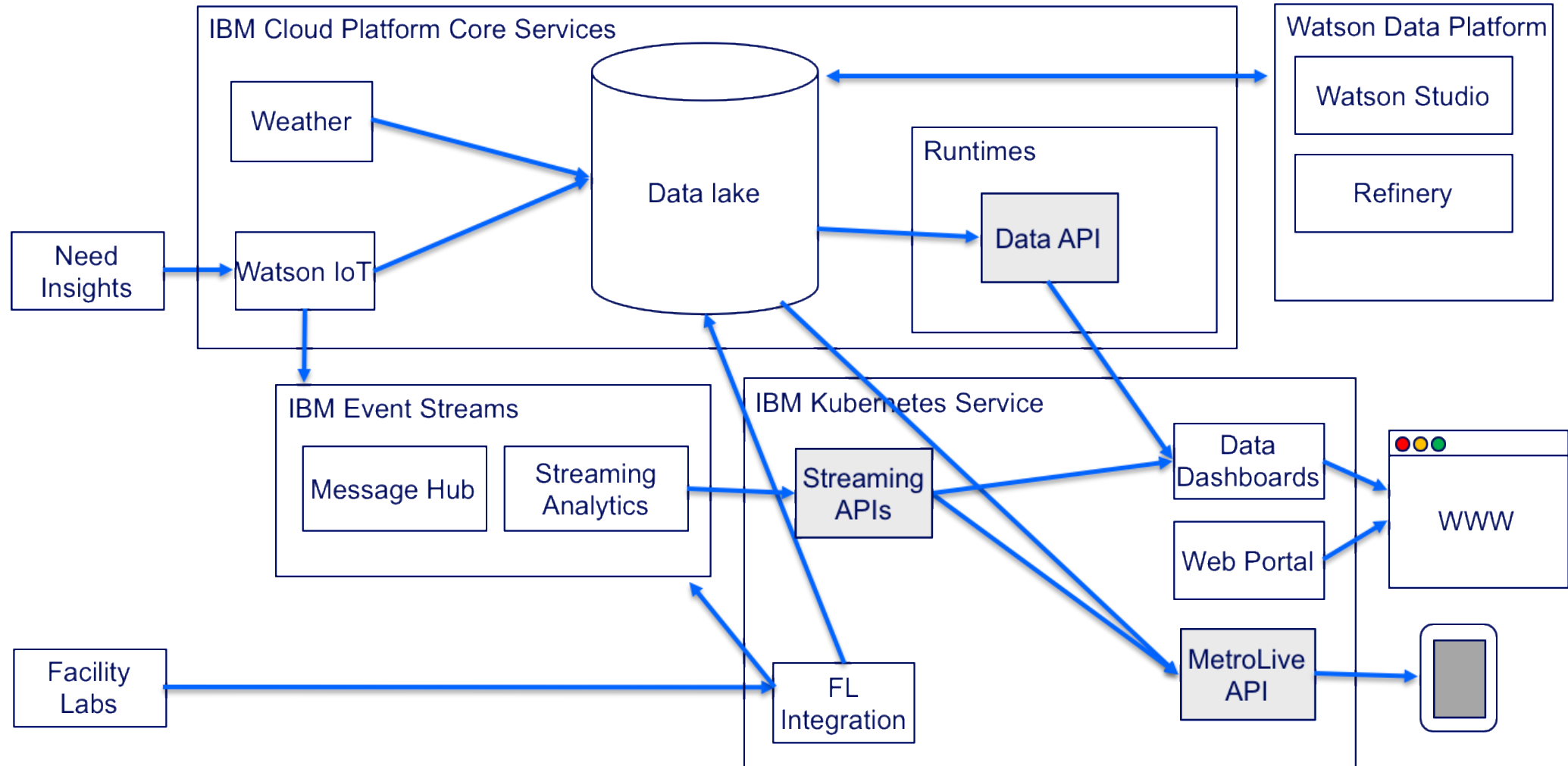
Congestion prediction

Want to avoid congestion before events? No worries! Our app is built on advanced artificial intelligence algorithm which can predict congestions in advance. You will see alerts in potentially congested areas.

GPS Navigation

We want to make sure that Metrolive App can take you home smoothly, therefore GPS navigation function is integrated.

EXAMPLE OF A DATA DRIVEN INNOVATION



Read more about the project on internet:

www.grow-smarter.eu & www.stockholm.se/grow-smarter (in Swedish)

Sign up the newsletter (eng) and follow us on Twitter @EUGrowSmarter



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no 646456. The sole responsibility for the content of this presentation lies with the GrowSmarter project and in no way reflects the views of the European Union.