



Slovenia My Future

Green Reference
Country in Digital Europe

Government Innovation

Improving the environment for citizens and business through
focused industry collaboration and advanced IT

Dr. Douglas Dykeman

IBM Research Zurich, Cognitive Computing
IBM Europe CTO, Public Sector

IBM Research - Zurich

Established in 1956

45+ different nationalities

Open Collaboration:

Framework Programme 7: 68 funded projects

Horizon 2020: 52 applications, 341 partners

Government of Slovenia: MoU

Two Nobel Prizes (1986 and 1987)

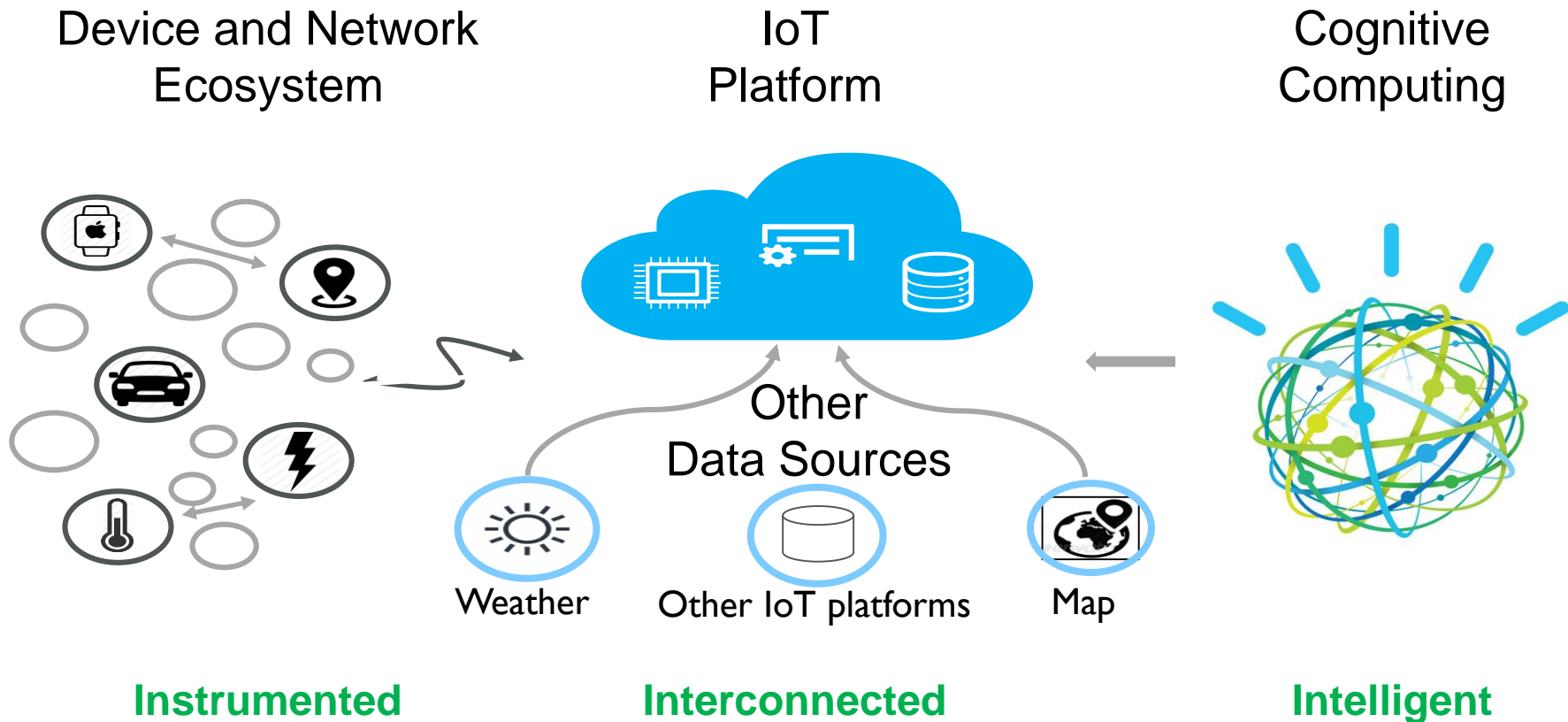
Binnig and Rohrer Nanotechnology Center

Public Private Partnership with ETH Zurich

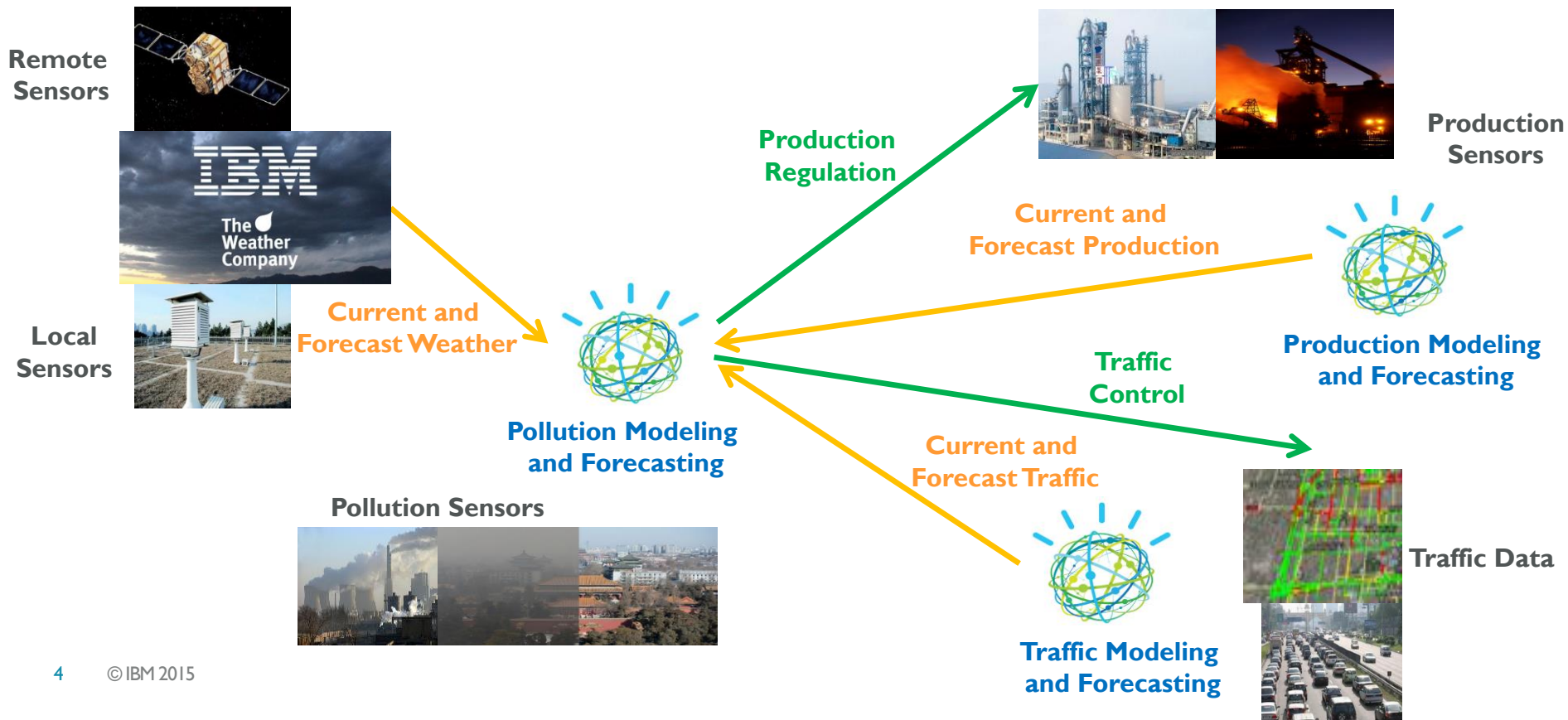
Cognitive Computing, Cloud, Nanotechnology



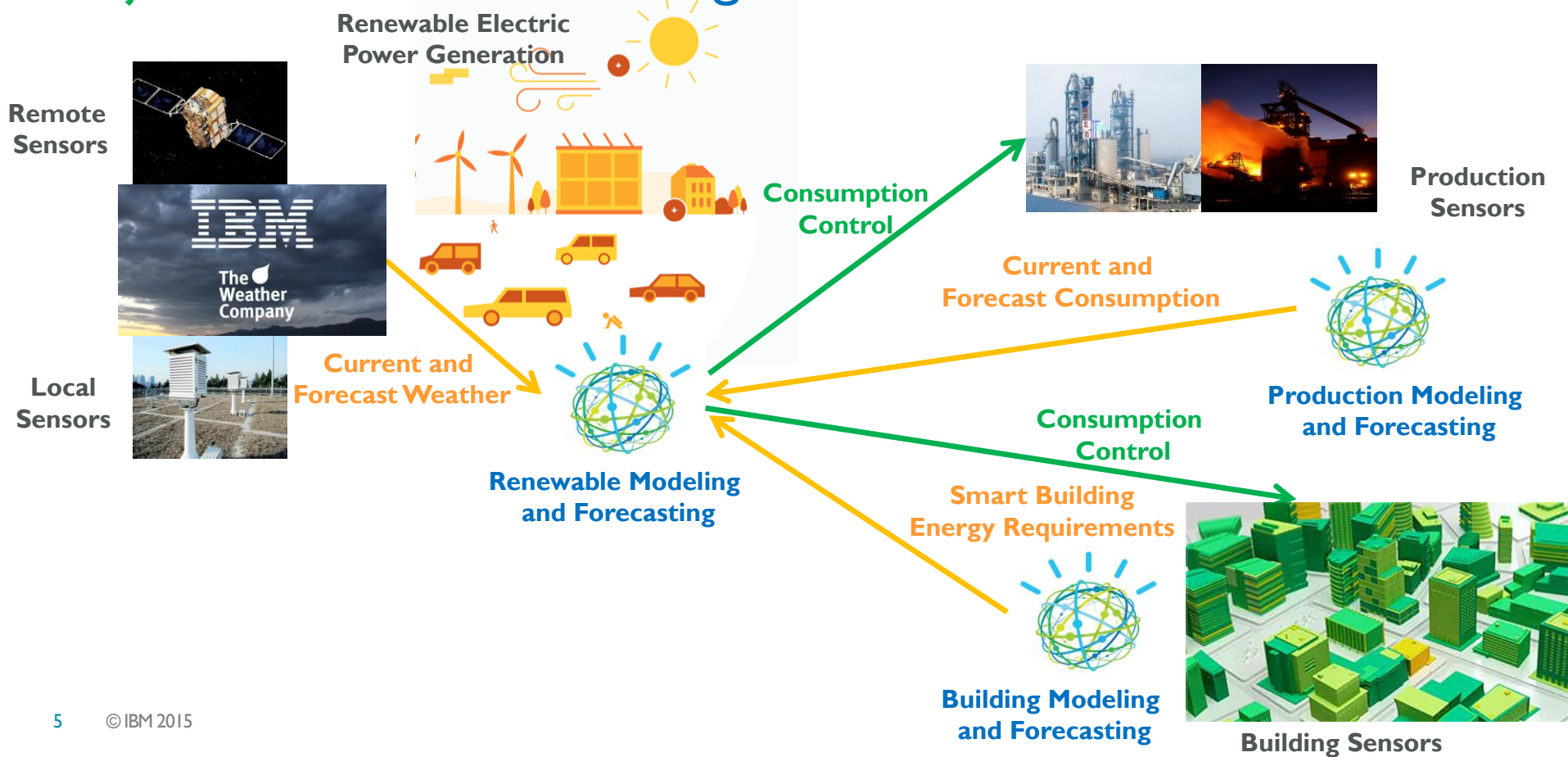
Internet of Things (IoT): From real-world systems to value



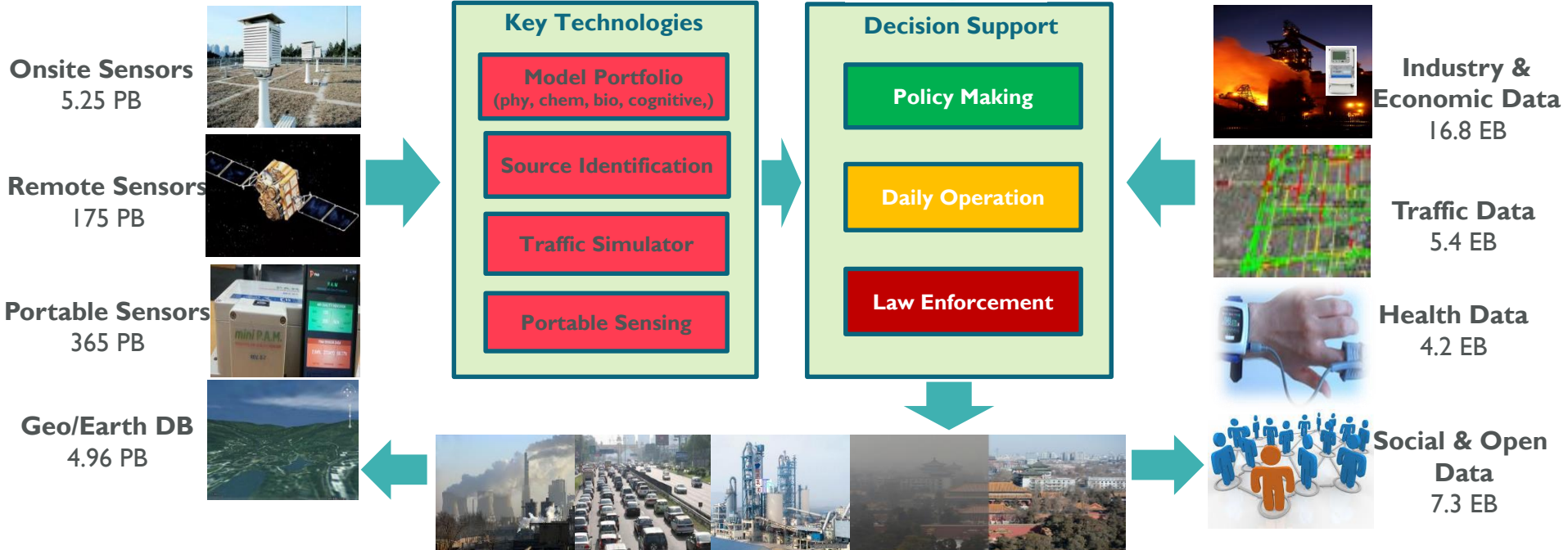
Project Green Horizon: Cognitive IoT for Smarter Cities



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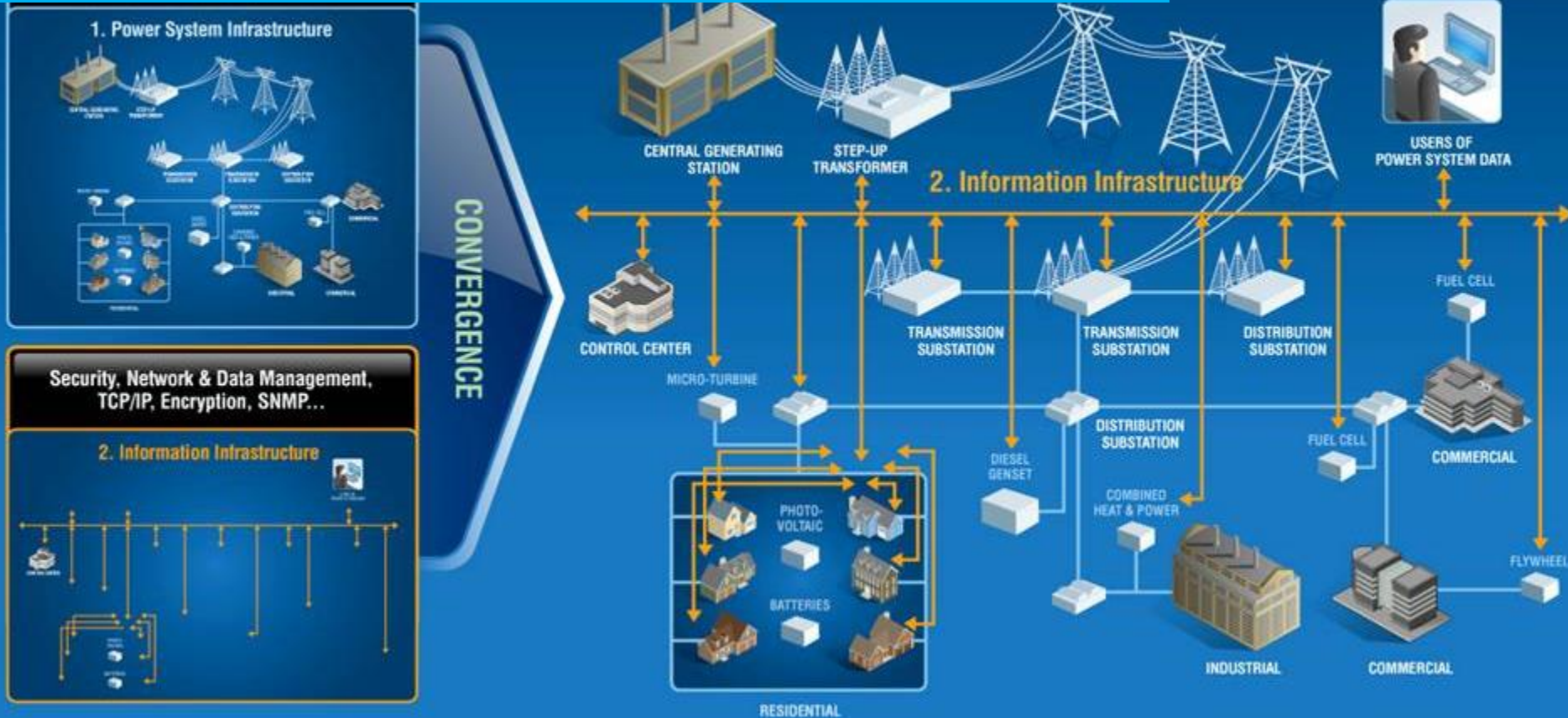
Project Green Horizon: Cognitive IoT for Smarter Cities



Security of Critical Infrastructure

IBM Research

Combining the Internet of Things and advanced Security Intelligence to protect the infrastructure that Slovenian businesses and citizens rely on.



IoT is driving digital disruption of the physical world

Accelerating advancements in technology...



Advanced Analytics



Product Lifecycle Mgmt



Cloud Computing



Pervasive Connectivity



Embedded Sensors

Are transforming every part of business...

Improving Operations and Lowering Costs

- Predictive maintenance
- Analyze and reduce risk
- Factory automation (Industry 4.0)



Creating New Products and Business Models

- Sustainability: energy and resources
- Health and fitness
- Home and building automation



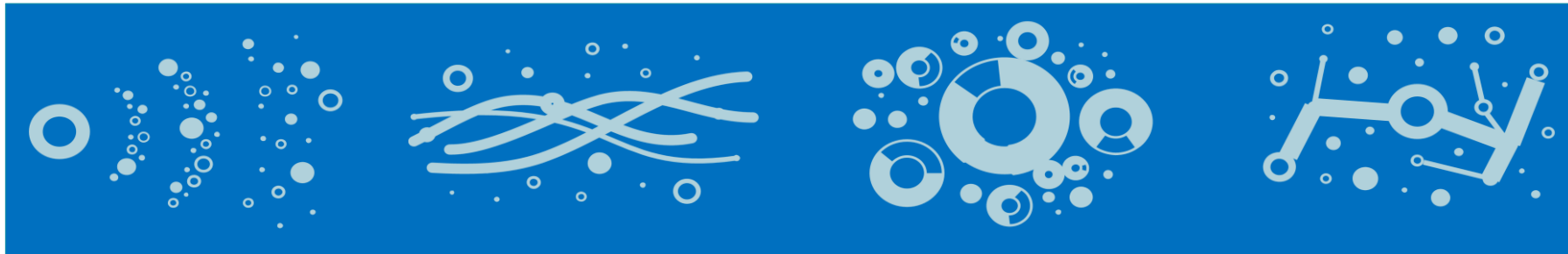
Driving Engagement and Customer Experience

- Smarter, more profitable retail
- Engaged events and venues
- Apps that link the digital and physical world around a brand



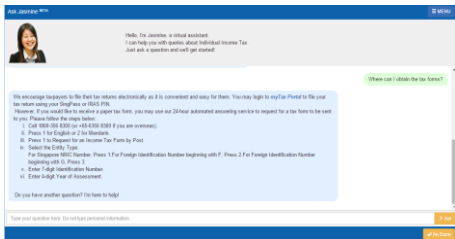


IBM Watson: Cognitive Computing



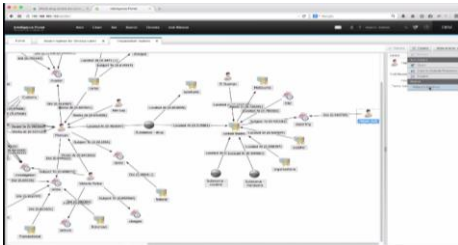
Engagement

Helps organizations build stronger relationships with constituents



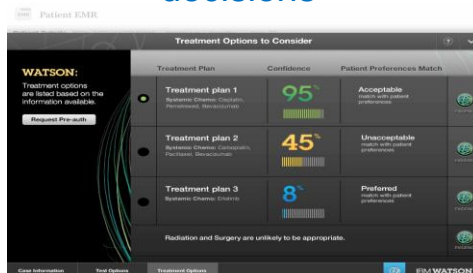
Discovery

Helps people create new insights by synthesizing information



Decision

Helps users make more informed, evidence-based decisions



Exploration

Visually depict and analyze data for clear advice





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