Defining the impact of Internet of Things: Microsoft Perspective

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Microsoft



Be lean

by reducing energy use and air travel through technology-driven efficiency



Setting targets for reducing energy consumption in our data centers, labs, and



Setting targets for reducing air travel using Microsoft collaboration technology



Controlling energy use in our offices with an enterprise-wide energy management program

green

by making more environmentally responsible choices with our energy, waste, and water



Signing long-term renewable power purchase agreements



Investing capital in new renewable energy projects



Connecting data centers directly to innovative renewable energy sources



Purchasing market RECs and carbon offsets



Establishing reduction goals for waste and water

accountable

by quantifying our carbon impact and holding groups responsible



Setting a price signal on ¥₹\$€ carbon to internalize the external impact of our

Charging the teams responsible for emissions from data centers, offices, carbon**Yee**labs, and air travel



Improving transparency using emission-tracking software and Carbon Disclosure Project (CDP)



Optimizing the supply



Engaging employees through environmental sustainability programs





Sensors and Big Data Analytics Drive Connections

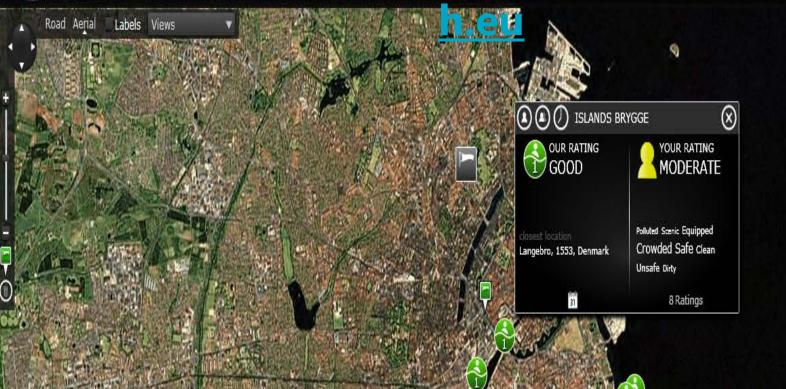
Air **Generation & Grid** Cloud Integrate and manage distributed **Forest** Data supply data **Enabling energy** services through rich data exchange Water Resource Management Grid **Energy** Identify, measure and report resource usage & emissions Buildings Integrate energy sources **Natur Transportation** with systems & Integrate transport controls Resou schedules, Automatically manage recharging NEW VALUE IN INFORMATION







European Environment Agency



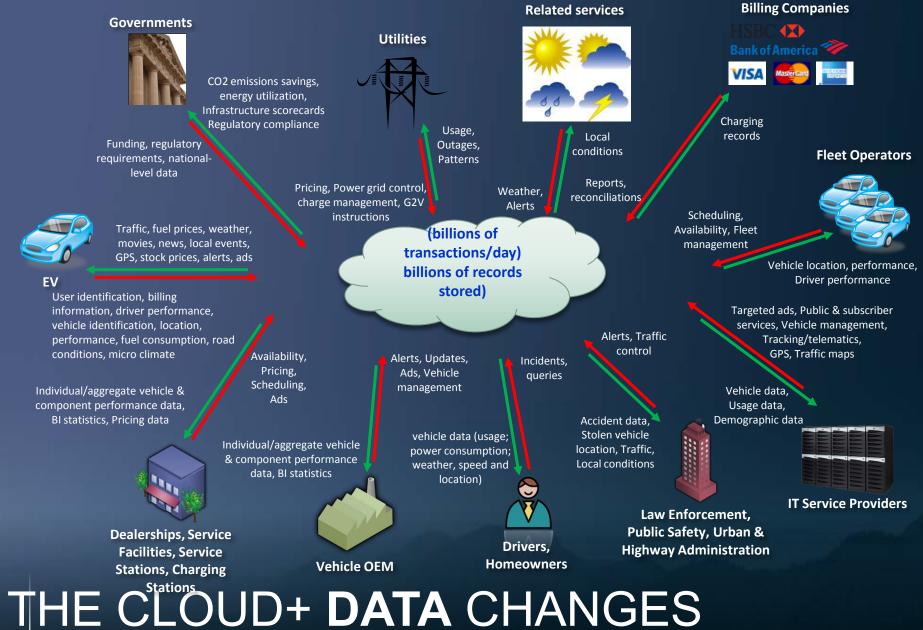
NEW TOOLS FOR DATA DEMOCRATIZATION





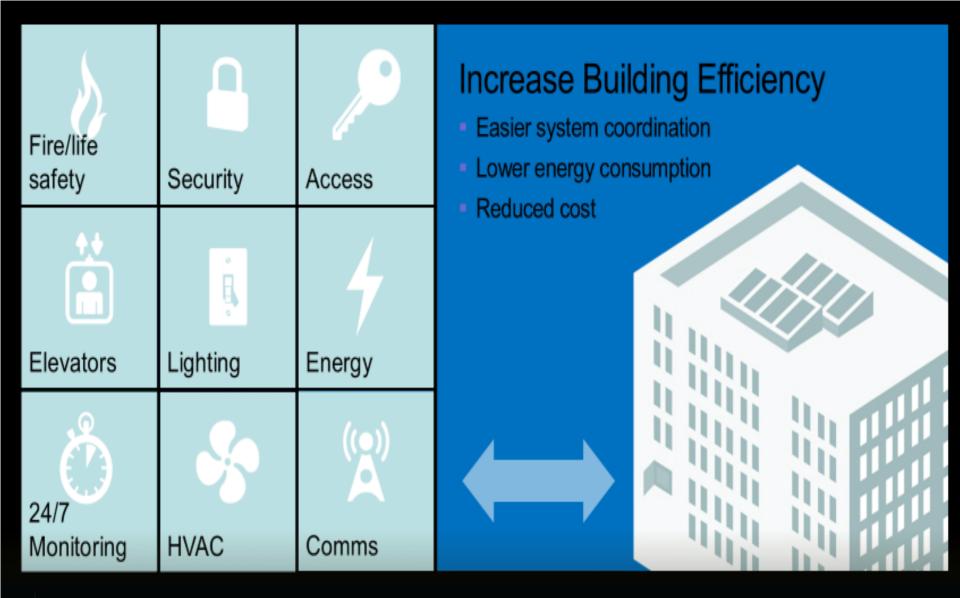
Concept Only

Intelligent, Adaptive Routing and Traffic



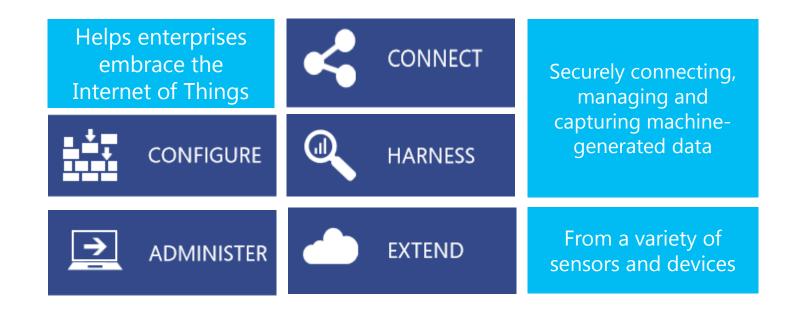
THE CLOUD+ **DATA** CHANGES EVERYTHING





Connected **SYSTEMS**

Microsoft Azure Intelligent Systems



Internet of Things (IoT)









Help monitor, automate and manage escalators, lifts and CCTV systems