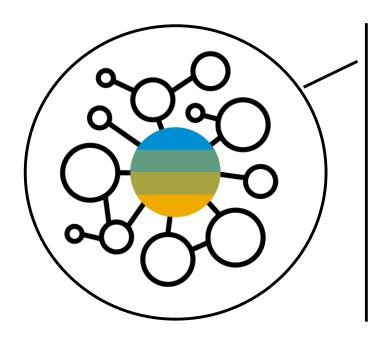


## **SAP Future Cities Vision**

Massimiliano Claps, Global Team Lead SAP Future Cities September 5<sup>th</sup>, 2018



## Smart Cities Are More than Fancy Technology and Siloed Business Processes



A **city** (or county, region, etc.)

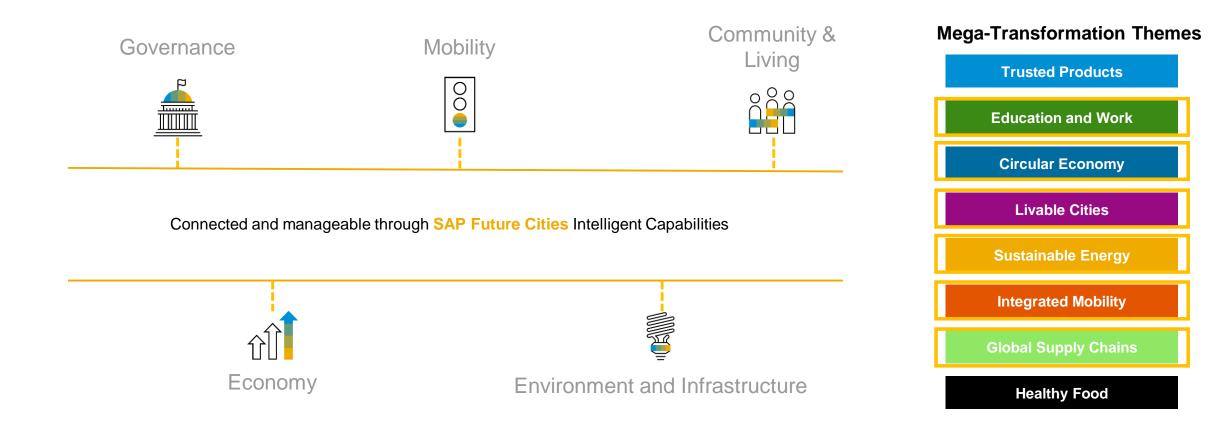
including its **ecosystem** (public sector, utilities, transportation, higher education, healthcare, startups etc.) that

collaborates to **transform** services by using innovative technology & data to

improve **livability and economic attractiveness** for its people and businesses

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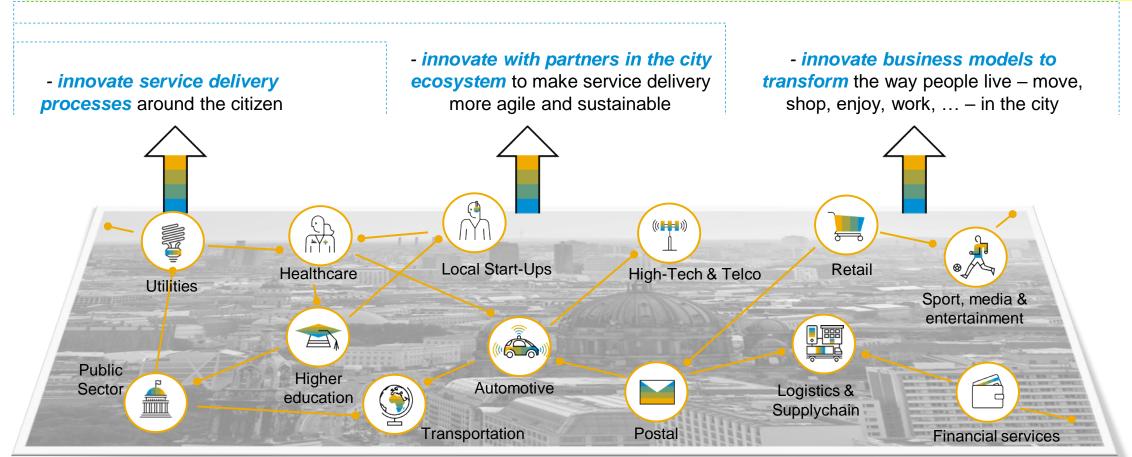
# SAP Solutions Help Cities Innovate Across Service Domains thus Addressing Livability



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# The Future City Needs An Ecosystem to Innovate & Deliver End-to-End Value Creation in 3 Key Areas

Mckinsey Global Institute: "The public sector would be the natural owner of 70 percent of the applications we examined. But 60 percent of the initial investment required to implement the full range of applications could come from private actors."



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### **SAP Future Cities – Customer Successes Around the Globe**

#### **BRUSSELS**

Société des Transports Intercommunaux de Bruxelles uses SAP analytics to monitor the performance of the network, guide long-term planning and offer the best service possible to customers

### ANTIBES E

ensure the continuous provisioning of utilities (water & gas) with 2000 sensors for water flow, temperature and pressure by implementing SAP Leonardo and the SAP Cloud Platform processing data over a secured, encrypted network.

#### **BUENOS AIRES**

prevents flooding through collection, monitoring, and analysis of real-time sensor data from storm drains, weather reports, and back-end SAP software systems using the SAP HANA platform.

#### **CAPETOWN**

improves Public Safety through data sharing for fire and rescue, metro police, law enforcement. disaster risk management, and the special investigative unit.



#### **NANJING** 1

can provide planning recommendations through analysis of traffic movement patterns from sensors, combined with other data such as travel behavior of individuals, fare prices, road conditions, and area accessibility

#### BRISBANE

improves efficiency for all employees, especially field service personnel, by providing GEO.e data to the field staff as a front end for their mobile devices

Auckland Council transforms key customerfacing services while also reducing the cost to serve each customer, using the SAP HANA database management system and the SAP Hybris e-commerce platform.



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# SAP Future Cities Delivers End-to-End Innovation to Deliver Better Outcomes to Stakeholders across the Whole Smart City Ecosystem

#### Citizen/visitor



- ability to interact through an omni-channel platform that provides more personalized, faster and secure experience
- possibility to live/visit in a safer and cleaner environment, because the city prevents problems and reacts fast when they occur

#### Mayor



- ability to gain better visibility of policy outcomes across the city ecosystem and communicate them transparently with voters
- ability to leverage up-to-date and accurate data to simulate the impact of policy options for evidence-based decisions

#### City treasurer



- ability to track spending patterns across previously siloed departments
- capability to predict and collect revenues more rapidly and reduce fraud

### Head of city operations/ local utilities/ transit authorities



- ability to increase efficiency and resilience of service delivery through predictive operations
- capability to increase infrastructure investment yield through better capacity planning

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Massimiliano Claps

SAP Global VP Future Cities

massimiliano.claps@sap.com

@stormysummit



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