

منتدى دبي  
للمدن الذكية

DUBAI SMART  
CITIES FORUM

# إنترنت الأشياء THE INTERNET OF THINGS



دبي الذكية  
SMART DUBAI

لحياة أسعد HAPPY LIVING



كلية محمد بن راشد  
للإدارة الحكومية  
MOHAMMED BIN RASHID  
SCHOOL OF GOVERNMENT

Dubai Smart City:  
IoE Value at Stake in the Public Sector

Shukri Eid

Director, Cisco Consulting Services  
Lead for Middle East Africa Russia CIS

#DSCF #SmartDubai #MBRSG

# AED 4.3b Value at Stake for Dubai Public Sector

With a higher potential for the private sector

	Worldwide (over 10 yrs)	Dubai (over 5 yrs)
Public Sector	\$4.6T	AED 4.3 bn (from our study)
Enterprise	\$14.4T	AED 13.6 bn* (using the ww public/private ratio)
<b>Total of around AED 17.9bn / 5 yrs</b>		

\* This assumes Dubai has the same enterprise mix

4.3bn AED of net value from 17 use cases only \*\*

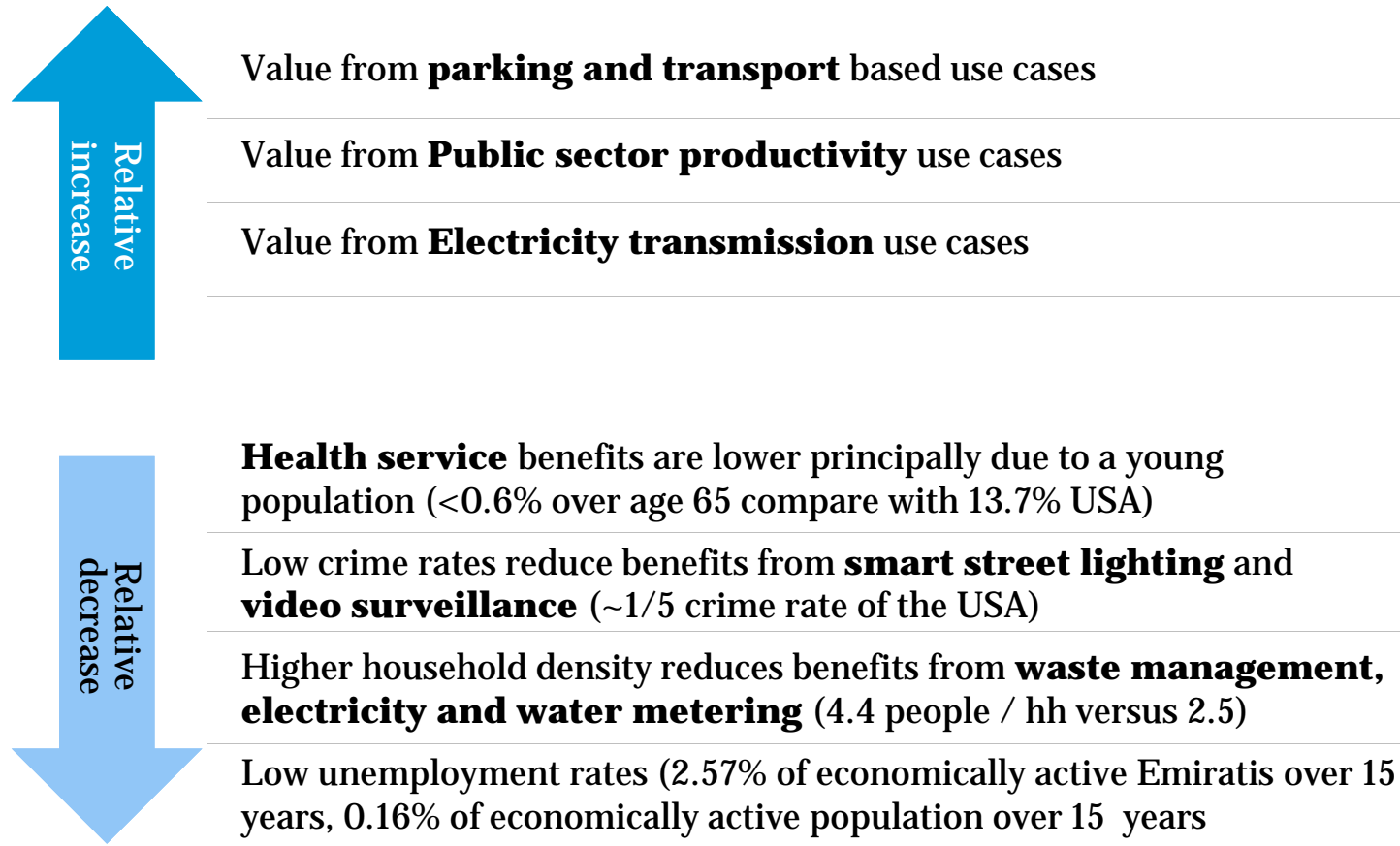
Theme	5 year value at stake (AED m)
1. Public sector productivity Telework, Collab, BYOD, S. Bldg	1,892
2. Transport Buses, Parking, Street Light, Travel Avoid	1,094
3. City Management Video Surv, Water, Electricity, Waste	378
4. Other use cases Health, Learning, Smart Pay, Trans. Grid	949

\*\* Assuming only 60% adoption rate for most services



# The Unique City of Dubai:

Dubai has unique characteristics that re-order the relative value of the use cases compared to the global analysis. For example:



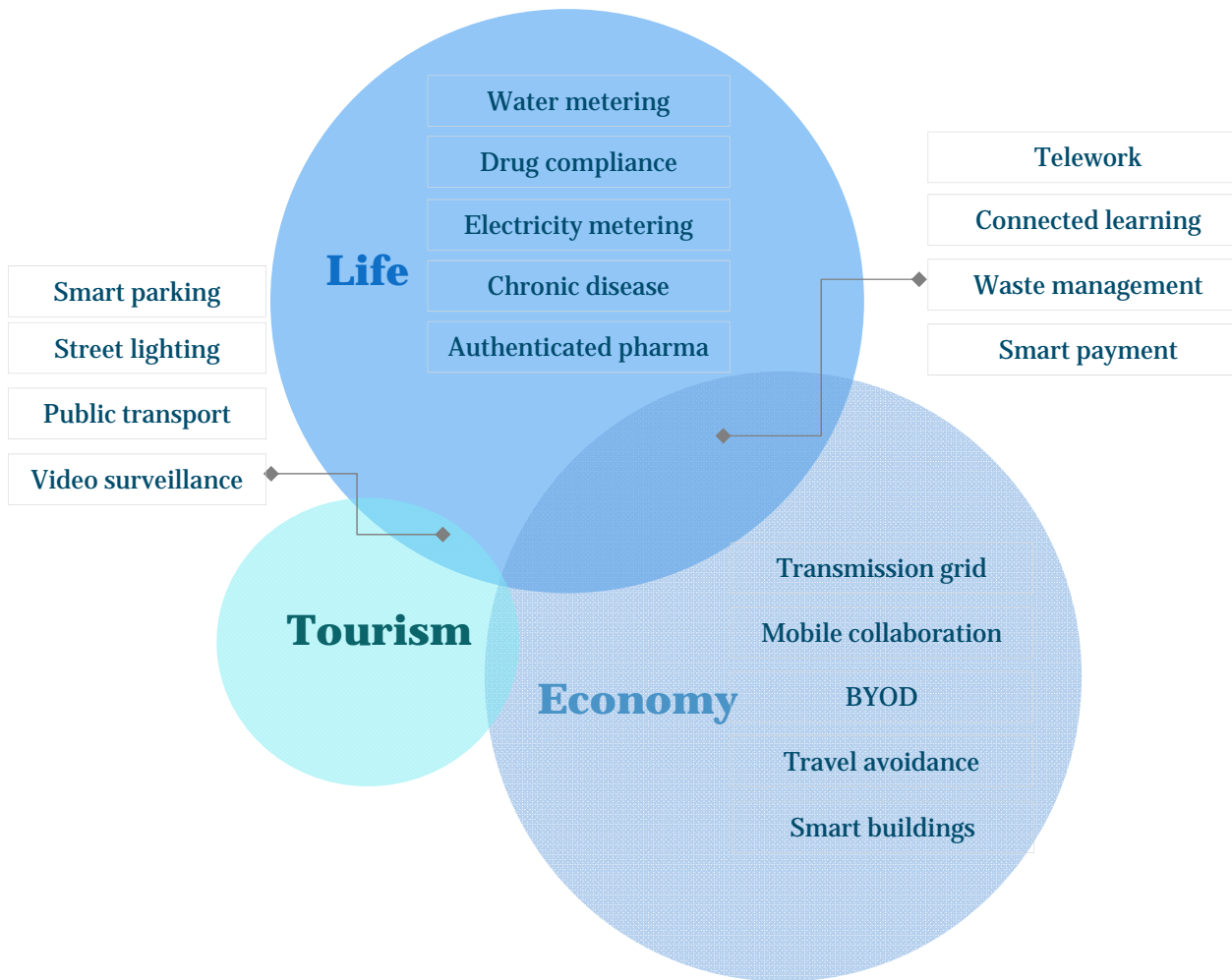
# Selected use cases overlap with “Life, Economy, Tourism”



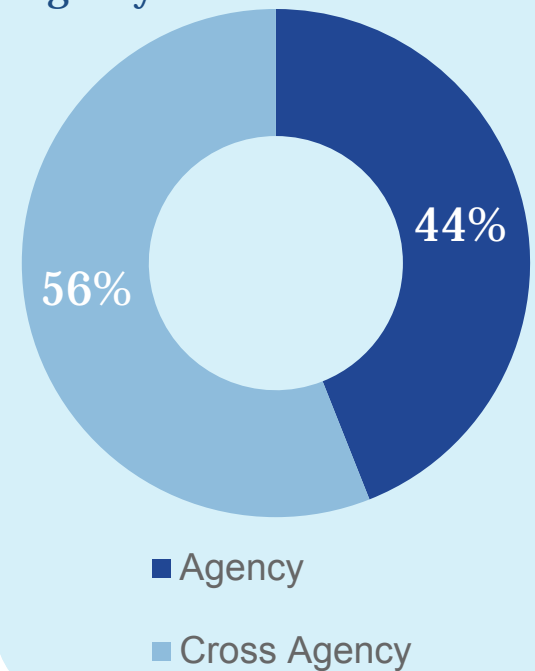
دبي الذكية  
SMART DUBAI  
لحياة أفضل  
HAPPY LIVING



كلية محمد بن راشد  
للإدارة الحكومية  
MOHAMMED BIN RASHID  
SCHOOL OF GOVERNMENT



Benefits are split evenly between agency and cross agency



# Factors critical to capturing Dubai Smart City value



دبي الذكية  
SMART DUBAI  
لحياة أفضل  
HAPPY LIVING



كلية محمد بن راشد  
للإدارة الحكومية  
MOHAMMED BIN RASHID  
SCHOOL OF GOVERNMENT

## Leadership

- Own version of IoE Value at Stake to drive Dubai's smart initiative;
  - *PS work excellence/productivity,*
  - *Superior city/tourism experience, and*
  - *City & Transport Management.*
- Touching Life, Economy, Tourism.

## Governance

- Areas of funding might not map directly to where value is recognized and measured.
- A city vision and experience requires an executive driver above agency level.
- Budget centralization on related initiatives is a strong tool.

## Competence

- Success to be measured at a level different to current departmental KPIs. City dashboard?
- Thinking in terms of value flow, data usage, decision making and ecosystems is critical. Processes to be transformed with new-gen capabilities.

## Technology

- Shared infrastructure among PS agencies (sanitation with utilities, roads with municipality and police ..etc)
- Shared access to systems, data, collaboration call for 'fog' computing.
- Re-thinking the role of existing partners.



# Dubai Strategic Plan

Focus on sustainability as a responsible city

Economic

Social

Environmental

Economic  
Development

Social  
Development

Security, Justice  
and Safety

Infrastructure, Land  
& Environment

Public Sector  
Excellence



## Internet of Things/ Everything



منتدى دبي  
للمدن الذكية

DUBAI SMART  
CITIES FORUM

Thank you

