



ADVANCING  
PUBLIC  
TRANSPORT

# **SMART CITIES & DIGITALISATION IN PUBLIC TRANSPORT**

SDC 27 October 2016

# WHAT IS IT?

A Buzzword – explained by buzzwords

*Big data*

*Open data*

*Internet of things*

**Smart cities**

At the same time...

- 80 definitions in government regulations
- Standards being set – focus on KPIs



# ISO 37120

## Sustainable development of communities

Indicators for city services and quality of life

First edition  
2014-05-15

PUBLISHED 2014

The first ISO Standard on  
Global City Indicators



### Manage

and make informed decisions through data analysis



### Benchmark

and target



### Leverage Funding

with senior levels of government



### Plan

and establish new frameworks for sustainable urban development



### Evaluate

the impact of infrastructure projects on the overall performance of a city



## ISO 37120 - 100 INDICATORS ACROSS 17 THEMES

 Economy	 Governance	 Telecommunications
 Education	 Health	 Transportation
 Energy	 Recreation	 Urban Planning
 Environment	 Safety	 Wastewater
 Finance	 Shelter	 Water & Sanitation
 Fire & Emergency Response	 Solid Waste	

**Developing and communicating data needed for most of these indicators involves geospatial technologies and in many cases geolocated sensors. Spatial information will be used not just to calculate and communicate but to enable linkages to be identified**

# BRAINSTORMING EXERCISE

	Optimisation	Opportunities	Challenges	<i>Comments</i>
Staff and Customer interaction				
Management decisions				
New buisness models				