

7. Toolkit: Smart Cities

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Trainer(s): John Dulac and Mel Slade

Scenario: Your mayor wants to be known for innovative solutions.

Question: What are the ways you can use digitalisation to further reduce urban energy use and improve urban services?

Cities 3: Smart City Readiness



Which of the following are available/used in your municipality?

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1. Energy efficiency in smart cities

- Focusing on energy demand
- Elements of a smart city services
- 2. Activity 1: Smart solutions
- 3. Activity 2: Enabling energy efficient smart cities

10 mins

15 mins

30 mins



1. Energy efficiency in smart cities

What do we think of when we hear smart city?





What do we think of when we hear smart city?





Where to start

[ools

/hat are the steps:

Growing amount of data and analytics that can be done



Visualisation of an urban informatics service:



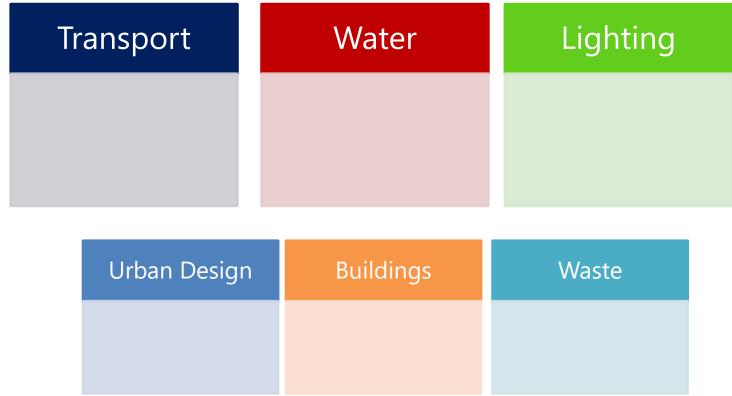


Activity 1: Smart solutions

Activity 1: Smart solutions



List out some of the smart solutions to increase energy efficiency in the following sectors



Activity 1: Smart solutions



Some of the examples:











Activity 2: Enabling energy efficient smart cities

Breaking apart the elements of a smart solution





Activity 2: Map out what is necessary for the following smart solutions



Break out into 3 groups and choose one of the topic and determine its contributors



- Elaborate the issues that you might face in infrastructure, data, and service delivery (privacy, cost, ownership, legal authority?)
- Use the internet if necessary

Key Resources



MOOC: Smart Cities - Management of Smart Urban Infrastructures



Learn about the principles of management of urban infrastructures in the era of Smart Cities. The introduction of Smart urban technologies into legacy infrastructures has already resulted and will continue to result in numerous challenges and opportunities. This course will help you to make the best out of the introduction of these smart technologies in your cities' legacy infrastructures.

https://www.coursera.org/learn/smart-cities



http://www.sharingcities.eu/





https://asean.org/asean/asean-smart-cities-network/





https://eu-smartcities.eu/

