OUTSMART: "Essential city services are: the Utilities including water, energy, mobility and waste removal as well as the Environment."
OUTSMART OBJECTIVES

• OUTSMART contributes to the sustainability of city resources by
  • establishing a Future Internet enabled eco-system for cities, and
  • supporting the creation of innovative services with real value to the European economy and citizens

• OUTSMART addresses five essential Smart City services:
  • Water and Sewage – Aarhus DK
  • Street Lighting – Santander ES
  • Waste Management – Berlin DE
  • Water and Environment – Trento IT
  • Sustainable Urban Transport – Birmingham UK
WASTE MANAGEMENT

- waste collection and refuse removal
- optimising collection routes
- saving potential of 10-20%
SMART STREET LIGHTING

- street public lighting reduction
- adapt the light intensity according to the presence of vehicles and pedestrians
- figures indicate savings in the range of 20-30% are feasible.
WATER AS A RESOURCE

- water production and delivery
- leak detection
- savings of up to 30-40%
SUSTAINABLE URBAN TRANSPORT

• smart traveller
• multimodal transport
• reducing strain on transport systems
• savings around 10-20%