Challenge 1 – Smart Traffic

Description	Connect various elements of technology and mobility and rethink infrastructure to imagine a sustainable city traffic
Motivation:	Large urban areas face problems related to traffic jams, lack of parking and traffic pollution
Needs and / or opportunities	- Traffic flow - Parking lots - Smart management
Objectives	- Offer sustainable traffic options - Combat pollution - Improve people experience
Expected impact	- Better quality of life - Service availability - Smart/innovative/tech friendly traffic

Challenge 2 – Healthy city

Description	Identify technological solutions to revive green spaces and to transform the city into a healthier place for living
Motivation:	City represent large agglomeration of buildings that have a negative impact on quality of life
Needs and / or opportunities	- Air quality - Green energy - Green space
Objectives	- Sustainable energy use - Combat pollution - Preserve natural resources
Expected impact	- Better quality of life - Energy saving - Sustainable/tech friendly environment

Challenge 3 – Responsible waste management

Description	Address supply chain and resource management in order to decrease waste generated or to recycle it
Motivation:	A large amount of waste of different forms in generated into large urban areas.
Needs and / or opportunities	- Food waste - Recycling waste - Smart management of resources to reduce waste
Objectives	- Combat pollution - Find new ways to re-use / re-cycle or re-purpose waste

Expected impact	- Help disadvantaged people - Better quality of life - Resource savings

Challenge 4 – Smart public relation

Description	Assist local authorities to better connect and interact with people through smart technologies and devices
Motivation:	Bureaucratic procedures of city authorities prevent "the voice of the people" to be heard
Needs and / or opportunities	- Automation of bureaucratic procedures - Enhanced communication
Objectives	- Reduce time and paperload for procedures - Better connection between authorities and citizen
Expected impact	- Improve local governance - Improve people experience - Save time and money

Challenge 5 – Smart Buildings

Description	Use devices and technologies to improve the way big building are organized and managed
Motivation:	Large buildings such as office spaces, hospitals, museum come with challenges related to navigation, energy consumption, space allocation
Needs and / or opportunities	- Smart navigation assistants for large spaces - Supply and resource management of buildings - Monitor and control energy and other resources use
Objectives	- Reduce energy - Improve re-cycling - Better organization
Expected impact	- Sustainable buildings - Improved user experience - Smart management

Challenge 6 – New Experience

Description	Open ideas about smart city
Motivation:	There still are a lot of problems to be address in large urban areas
Needs and / or opportunities	- You will identify
Objectives	- Sustainability - Improve life experience
Expected impact	- Improve people experience

	- Sustainable city - Smart/innovative/tech friendly traffic