



# Smart Mobility in Urban Environments



**Smart hubs in periphery of the city for in and outbound logistics and transport**

**Combustion engine technology** has virtually disappeared  
It is all **electric!**

**Spatial pressure** is very high: 75% of population living in cities

**Public transport** is the main means of transport in urban environments:

- Use has become more comfortable in general
- Multi modal use has become much easier due to the **Virtual Travel Companion**
- There is a wider selection of transport modalities available for use
- a **decline in ownership** of personal transportation devices

# Virtual Mobility

**Virtual presence technology** is mainstream: there is little difference anymore between the “real” and “virtual”.

Virtual shopping, learning, working, entertainment, 3d printing = virtual living

**Exploring the world without leaving the neighbourhood.**

Living in the neighbourhood and living in virtual circles at the same time.



**Virtual “illiterates”** lack the capacities to achieve virtual mobility. They are embedded in the neighbourhood.

# Mobility & Healthy Living

The **elderly are more vital** and need to take care much more of their own than before

Development of **mobility devices** specifically for the elderly but also modifications in **public transport to facilitate the elderly**

Prevention and a conscious way of living are key to a **healthy long life**. The mobility paradigm supports this.

**A plethora of colourful clean vehicles combining muscle and electric power**

**Technology has slowly but surely taken over control** from the human operator: efficient and safe

