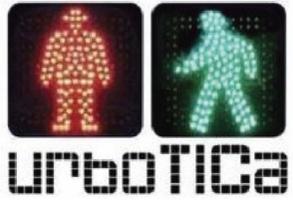


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# Development and planning of new models of sustainable urban mobility by means of the application of ICT

## Introduction

Transport and **mobility** are the lifeblood of the cities. The nature and the design of the **urban environment** determine the requirements of mobility and transport infrastructures.

There is a tight bond between placing and types of systems and the means to use them. At this time, in Europe (EU-15) the transport sector is the second main final consumer of **energy** and the third source of **CO2 emissions**. In order to generate an including urban society, such mobility and transport must be easy, reliable, safe, fast and accessible for all inhabitants and sectors of the society. The new models of urban mobility must take into account issues of **sustainability** and **energy efficiency**.

Subsequently, multidisciplinary projects to study the function and integration of factors that affect current cities must be considered, intended for developing solutions to improve systems. Between such solutions, **Traffic Simulation** and **ICTs (Information and Communication Technologies)** could be considered.

