

Paulo Calçada - Municipality of Porto / University of Porto







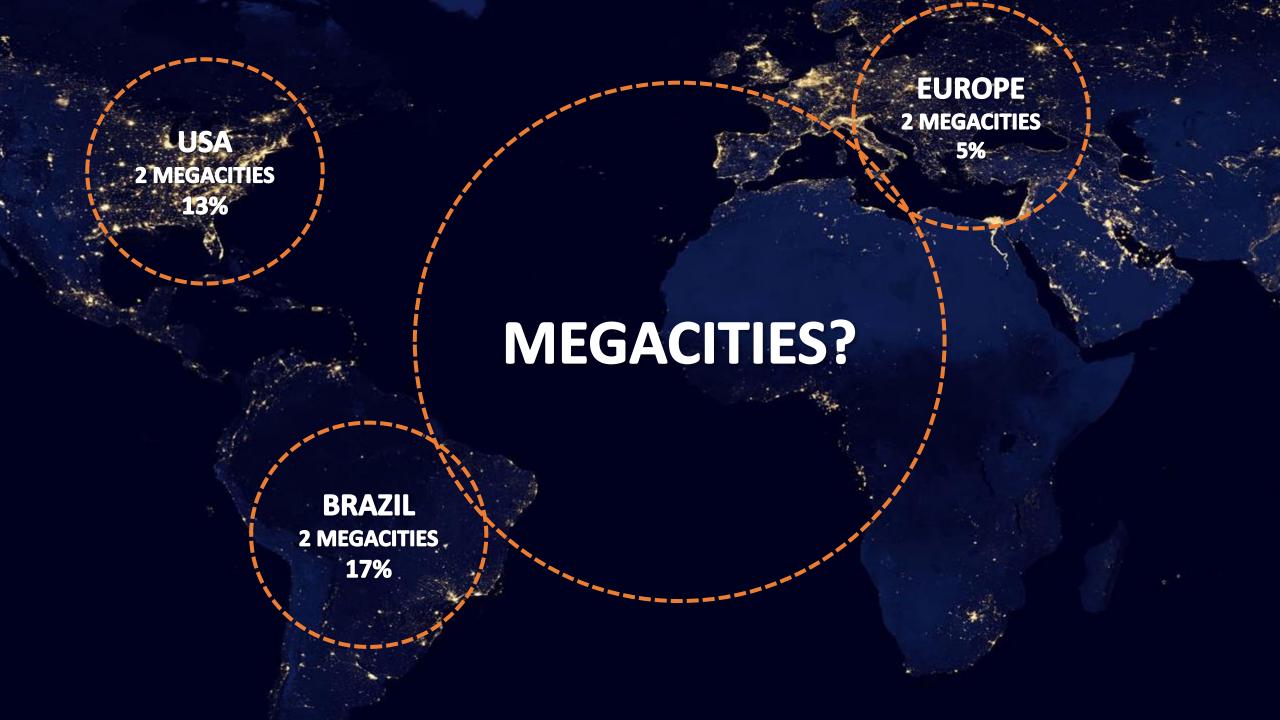


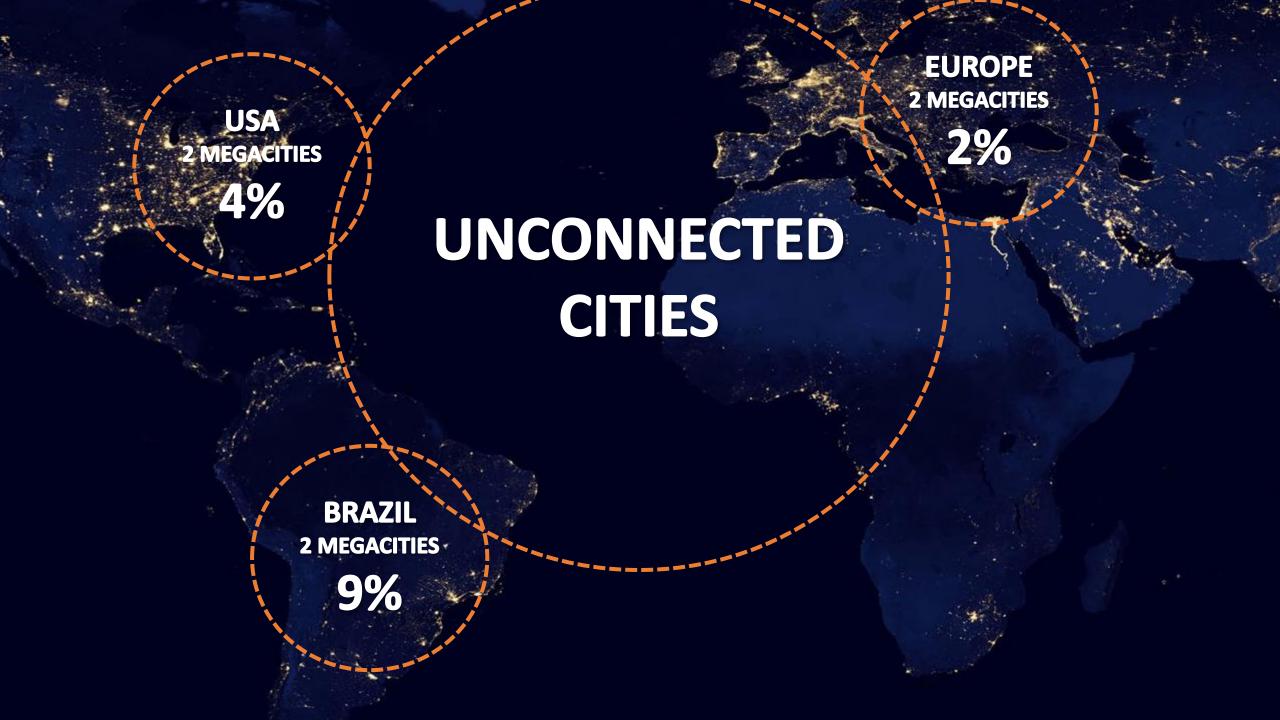




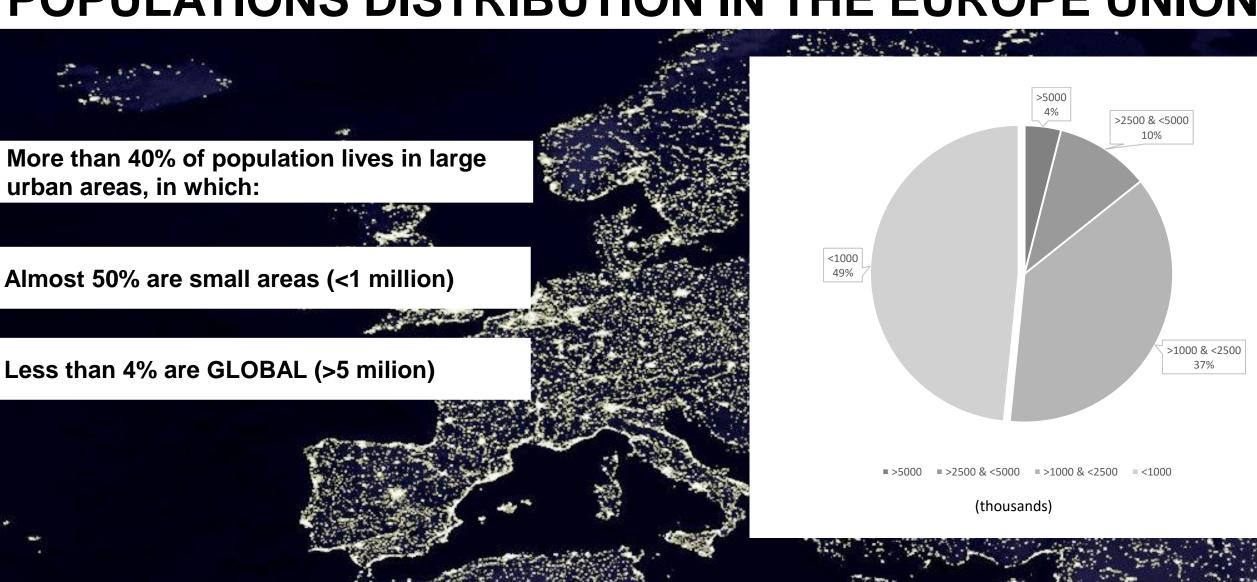


HOW TO FOSTER SMARTER CITIES?

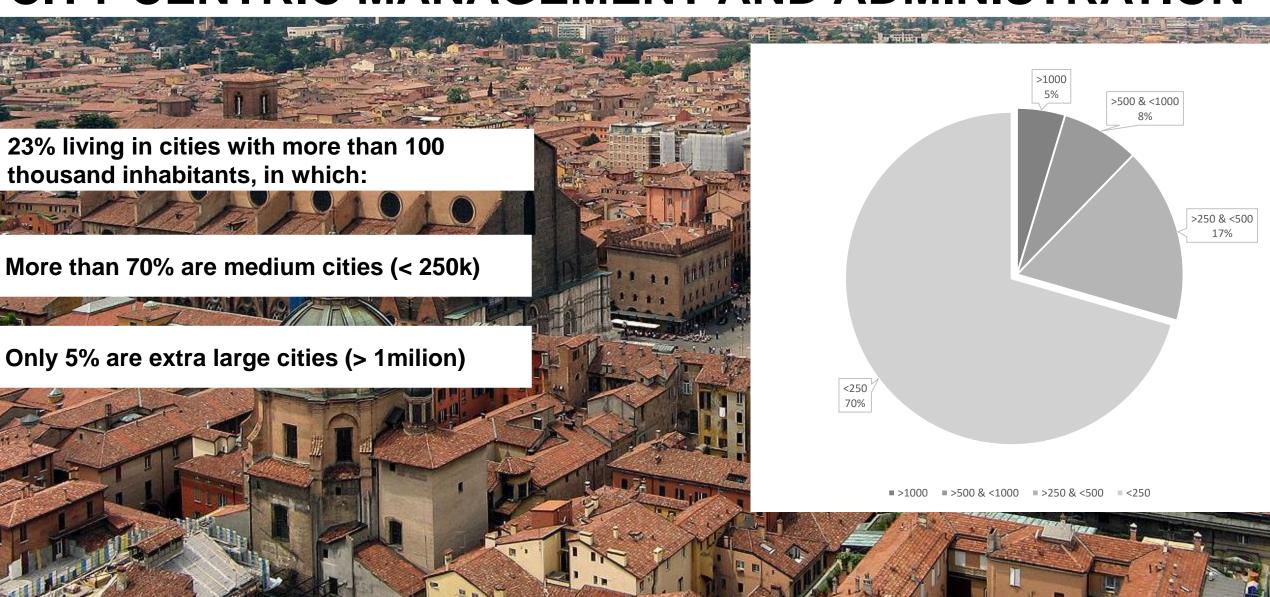




POPULATIONS DISTRIBUTION IN THE EUROPE UNION



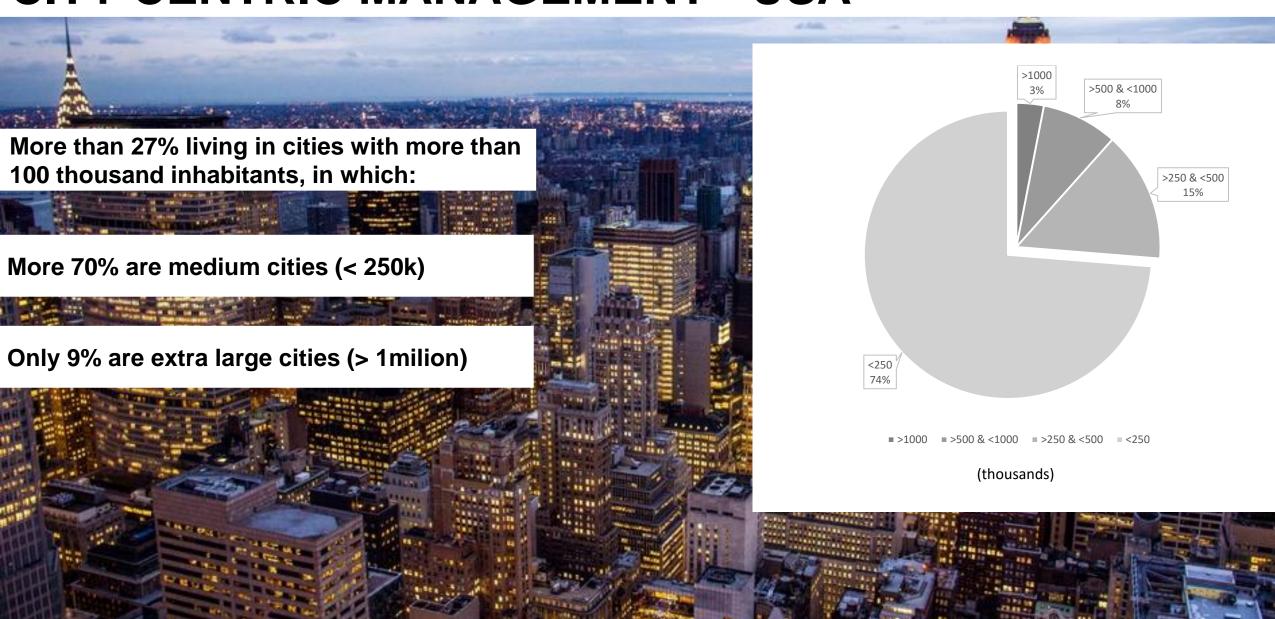
CITY CENTRIC MANAGEMENT AND ADMINISTRATION



CITY CENTRIC MANAGEMENT - BRAZIL



CITY CENTRIC MANAGEMENT - USA



4-





Challenges through market barriers...

Integration of innovative technologies

not clear yet

Business models fail

Embedded within larger systems

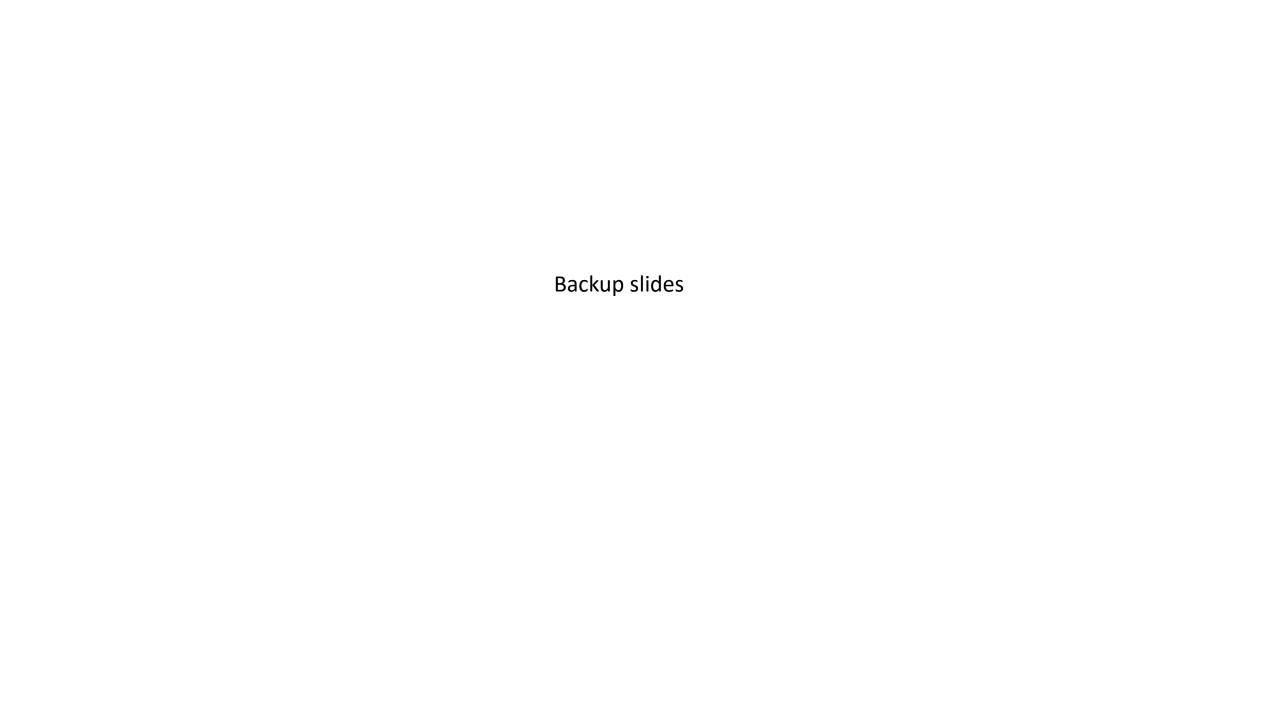
Standards and interoperability of systems

Cash-flow models are



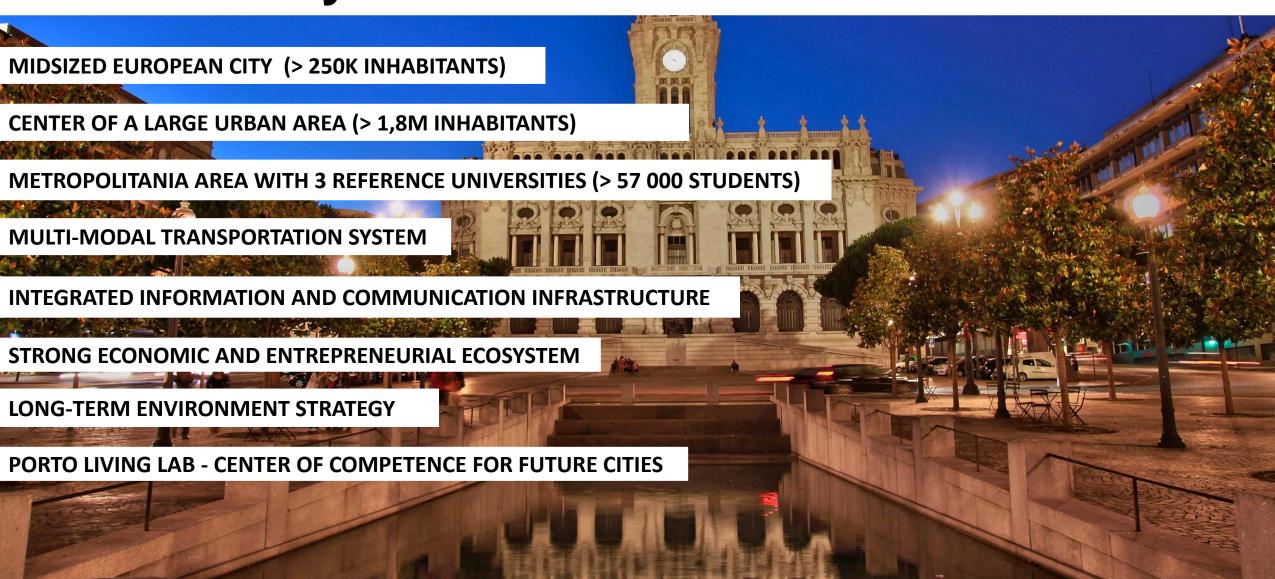








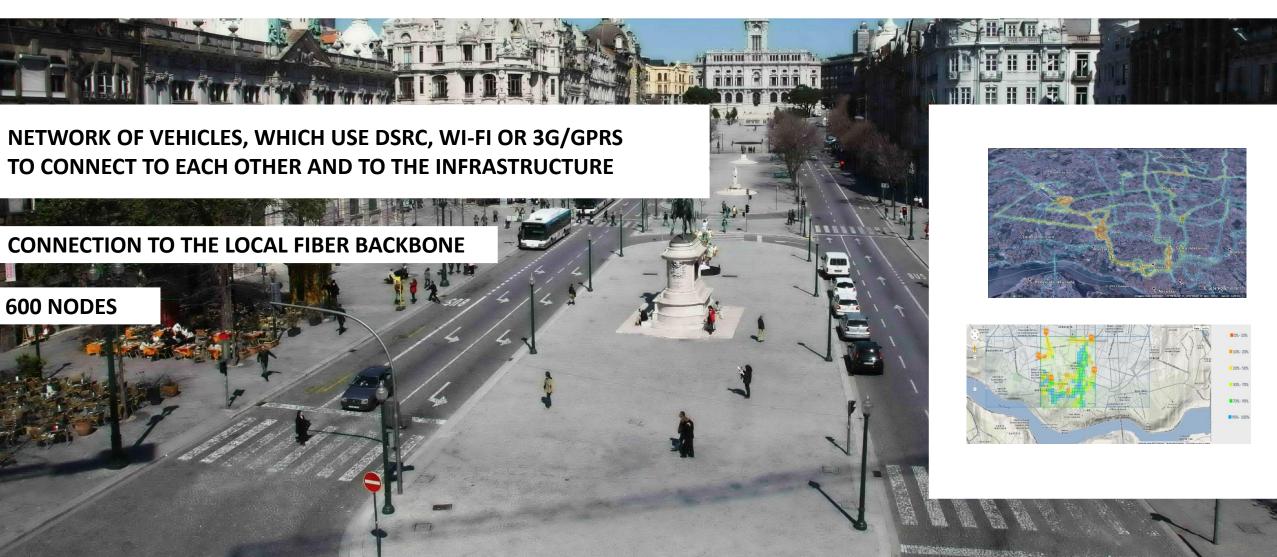
Porto - Ecosystem for sustainable future



PORTO LIVING LAB



VEHICULAR SOCIAL NETWORKING



USED CASE INTEGRATED WASTE MANAGEMENT



INTEGRATED WASTE MANAGEMENT - GLASS



INTEGRATED WASTE MANAGEMENT - GLASS

