

TITOLO DEL PROGETTO: Traffic- Health- Environment. Intelligent Solutions Sustaining Urban Economies

ACRONIMO: THE ISSUE

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7PROGRAMMA: FP7- Regions- 2011

PROJECT REFERENCE: 287088 €

CONTRIBUTO UNIONE EUROPEA: 142.898,00 €

CONTRIBUTO ASSEGNATO UNIMOL: 160.260,00 €

DURATA PROGETTO: 3 anni dal 01/12/2011 al 30/11/2014

CORDINATORE: Prospect Leicersterchire (UK)

ALTRI PARTNER: University de Montfort, The University on Nottingham, (UK), Infoterra Limited (UK), Instytut Geodezji I Kartografii, Wojewodztwo Mazowieckie, Università degli Studi del Molise, Intergraph Polska Sp Zoo, Agenzia Regionale per lo Sviluppo del Molise, Sviluppo Italia Molise, E-Geos SPA, Aerospace Valley, Centre d' Etude Techniques de l'Equipements du Sud Ouest

AREA SCIENTIFICA – KEY WORDS: This proposal is presented by a consortium of regional research clusters whose core members are already pursuing research and technology development (RTD) in programmes that map on to their local or regional transport policy priorities. Common themes of expertise within the consortium apply to the fields of Traffic, Health and Environment (THE); the objective of the project is to apply this research base to achieve Intelligent Solutions for Sustaining Urban Economies. (ISSUE). This proposal truly addresses THE ISSUE. Several research areas are identified that deal directly with headline themes of this FP7 Call, namely: -transport impacts on urban mobility, -transport greening; - health, safety and security of citizens, -associated economic impacts. Diverse technologies and research applications will be brought to bear on the above issues, including: Computer

intelligence solutions and real-time satellite navigation data integrated into existing operational urban traffic management systems. Space and in-situ measurements to help mitigate risk to citizens health from traffic-induced air pollution. Technology demonstration and pre-operational real time trials of a hydrogen fuel cell powered car operating in a city environment (2012).

THE ISSUE programme will create a vibrant partnership of regional research clusters to bring together and coordinate already-existing and projected RTD programmes relevant to Traffic, Health and Environment both within the clusters and more widely in the broader European research community. In parallel, consultations will be held with participating regional and local authorities to identify economic priorities of those regions, specific to the themes of Traffic, Health and Environment. Tensioning RTD actions against regional economic objectives will be the next step. This approach paves the way to shape the application of research outputs towards delivery of regional strategies by developing a framework for coordinating research actions and exploitation. The coordination process requires proactive knowledge exchange between core partners through a focussed dissemination programme and a structured approach for mentoring and knowledge transfer to regions with less well developed research structures. The core partners are East Midlands, UK, Mazovi Region, Poland, MOLISE REGION, Italy, Midi Pyrenees and Aquitaine regions, France. In each case we can identify active regional research clusters with programmes and expert