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Presentation title:	**Sustainable mobility solutions and impact assessment in touristic areas in CIVITAS DESTINATIONS project. The case of Rethymno**	

The CIVITAS DESTINATIONS is taking into account the impact of high tourism flow on mobility infrastructure. Six European island tourist destinations (Rethymno, Limassol, Valletta, Funchal, Las Palmas and Elba) demonstrate innovative mobility solutions, combining state of the art technology, soft measures, local policies and behavioural changing techniques. Rethymno is the first Greek city to participate in a CIVITAS project, following the existing strong vision of the Municipality towards sustainability. Within DESTINATIONS, Rethymno will implement a total of 14 measures in order improve the overall urban mobility and address the impact of seasonality in transport demand during the touristic period, in terms of heavy congestion, poor air quality, noise pollution and high energy consumption. The demonstration actions foreseen in Rethymno cover a wide range of thematic areas related to sustainable transportation: car-independent lifestyle, electric vehicles and clean fuels, transport telematics, urban freight logistics, collective passenger transport, tourist mobility services, demand management strategies, safety and security. The existing Sustainable Urban Mobility Plan (SUMP) will be upgraded and specific measures will be developed in conjunction with SUMP, following a holistic approach. The integrated implementation of the mobility measures aims to maximize the environmental benefits and create a sustainable, safe and energy efficient mobility system. The evaluation of the measures' effectiveness is strongly incorporated into the core of DESTINATIONS, as a key element to facilitate replication and upscaling of identified best practices. The developed assessment framework consists of a set of monitoring indicators to evaluate the transportation, environmental, economic and social aspects of each measure in the DESTINATIONS sites. Building on previous CIVITAS experience, TUC has formulated the assessment framework in terms of environment, energy and economy, including indicators for emissions, noise, pollutant levels, energy efficiency, costs and revenues.

CV:	

Professor (Environmental Engineering School, Technical University of Crete), Member of the School Management Committee (2013-); Director. Graduate Programme "Environmental Engineering" (Apr 2014-Sep 2017); Head, Renewable and Sustainable Energy Lab (ReSEL) (2005-); Coordinator, TUC-Energy Group (2013-17)
Chemical Engineer (National Technical Univ of Athens,1984); Economist (National & Kapodistrian University of Athens, Law School, 1990); PhD (National Technical University of Athens,1990);
Adjunct Assoc. Professor (Environmental Engineer Dept, TUC, 1999–2005); Head, Development Dept (Centre for Renewable Energy Sources & Energy Saving -CRES-, 1992-2005); Adjunct Professor (Heriot-Watt Univ, TEI Piraeus, Kingston Univ, Open Univ,1998- 2004) in MSc programs (Energy, Management of Energy Systems, Advanced Industrial & Manufacturing Systems).
Tutor (Greek Open University, 2001-2014); Coordinator of the European Solar Thermal Marketing Group (EC,1992-1997), Coordinator of the Permanent Committee of Energy (Hellenic Association of Chemical Engineers, 2003-2005)
Author of 100+ scientific publications in international scientific peer reviewed journals, 20+ book chapters, 200+ publications in conferences; 2,700+ citations
h-factor: 24 (Scopus); 26 (Google Scholar)
RDD projects on RES and saving of energy: 40+ as coordinator,60+ as scientific collaborator; 80+ as participating expert (FP5, FP6, FP7, H2020, IEE, THERMIE, MED, INTERREG, COST)
Reviewer in the all major relevant International S&T sustainable energy journals.
Member of the Editorial Board of International Journals: Energies (MDPI, 2017-); Conf Papers in Energy (2011-); AIMS Energy (2013-); Current Sustainable/Renewable Energy Reports (SPRINGER, 2013-); Frontiers in Energy (SPRINGER, 2013-), International Journal of Sustainable Built Environment (ELSEVIER, 2015-)
Project evaluator in REA (EC), ERC (EC), Erasmus-Mundus (EC), GSRT (GR), State Scholarship Foundation (GR), Research Promotion Foundation (CY), Swiss National Science Foundation (SNSF); Russia Research Foundation (RU); Netherlands Organisation for Scientific Research (NL); Welsh Government (UK).