

Marie Curie Initial Training Network

Smart Management for Sustainable Human Environment

SmartEN Aims

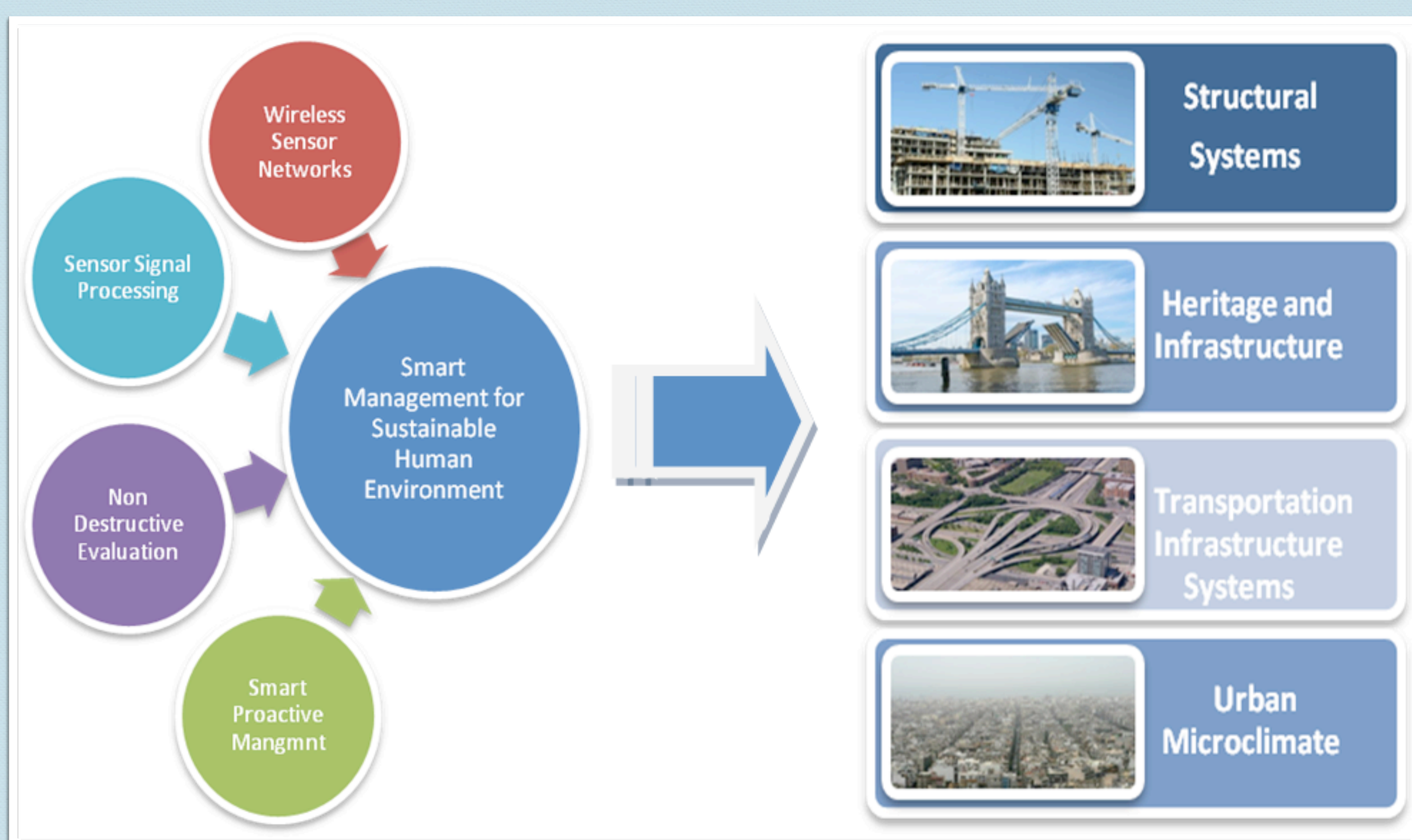
The SmartEN ITN project aims to train the next generation of leading researchers, engineers and research managers in the field of monitoring and smart proactive management of the built and natural environment by effectively developing and integrating emerging technologies in wireless sensors, communications and proactive management, targeting key issues of current interest to the European Union and internationally. These will include application areas in monitoring and smart proactive management of Structural Systems, Heritage and Infrastructure, Transportation Infrastructure Systems and Urban Microclimate. Furthermore, SmartEN aims to strengthen the cooperation between academia and industry for the integration and commercialization of researcher innovations for the benefit of the European economy.

Objectives

- To conduct top level research and training and devise innovative solutions for specific EU needs in the areas of monitoring and smart proactive management of Structural Systems, Heritage and Infrastructure, Transportation Infrastructure Systems and Urban Microclimate.
- To educate the next generation of intersectional and transnational research leaders inside a wide European research training network which includes universities, research centres and the industry, by strengthening the human resources and skills infrastructure in the area of smart management of the sustainable environment.
- To take forward the state-of-the-art in wireless sensor communications, digital signal processing and non destructive evaluation for the successful application of wireless sensors in the smart proactive management of the built and natural environment.
- To promote research activities in the specific scientific areas by disseminating the SmartEN results in scientific journals and international conferences, and by securing the intellectual property rights through patents and trademarks.
- To organise training events which will give Early Stage Researcher (ESRs) the opportunity to gain high quality training in multidisciplinary related topics. To give ESRs the necessary additional skills so as to widen their career perspective.

Partners

- Cyprus University of Technology (Coordinating Institution)
- Research Academic Computer Technology Institute
- Imperial College
- Research and Education Laboratory in Information Technology
- University of Surrey
- University of Pavia
- Federal Institute for Materials Research and Testing
- Swiss Federal Laboratories for Materials Testing and Research
- Institut Telecom
- Comsis
- Cowi
- DFL Systems Ltd
- Network Rail
- Parsons Brinckerhoff
- Intracom





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	Thursday, 22 nd
9:00–10:00	Executive Management Board Meeting (one person from each partner) Agenda: <ul style="list-style-type: none">· Organization of the meeting· Aims of the meeting (In general and for each WP)· Recruitment· Visiting Scientists involvement· Miscellaneous
10:00-10:20	Start of the Meeting (all partner representatives) Project introduction, briefing of the meeting, agenda (Prof. Onoufriou) (20 min)
10:20-10:50	Welcome coffee
10:50-13:30	Partners Presentations Presentations by each partners, (10 minutes for each partner)
13:30-15:00	Lunch
15:00-16:20	Workshop WP1 on Wireless Sensor Networks – Chaired by Prof. Kalis (40 min) Workshop WP2 on Sensor Signal Processing – Chaired by Prof. Berberidis (40 min)
16:20-16:40	Coffee Break
16:40-18:00	Workshop WP3 on Non Destructive Evaluation – Chaired by Prof. Chryssanthopoulos (40 min) Workshop WP4 on Smart Proactive management – Chaired by Prof. Onoufriou (40 min)
18:00-18:20	Presentation by Project Officer – Ms Guliana Donini
20:00	Dinner

	Friday, 23 rd
9:00-10:00	Plenary Discussion Presentation by Mr. Bingen (Head of Unit A6 “People’ programme; Marie-Curie action, DG Education and Culture) (20 min) Presentations and discussions (40 min) <ul style="list-style-type: none">· Recruitment· Financial aspects of the Project· Organizational matters
10:00-11:20	Interdisciplinary Project Workshop on Structural systems – Chaired by Prof. Berberides (40 min) Interdisciplinary Project Workshop on Heritage and infrastructure - Chaired by Prof. Onoufriou (40 min)
11:20-11:50	Coffee break
11:50-13:10	Interdisciplinary Projects Workshop on Transportation infrastructure systems - Chaired by Prof. Chryssanthopoulos (40 min) Interdisciplinary Projects Workshop on Urban microclimate – Chaired by Prof. Kallis (40 min)
13:10-14:00	Reflect on the Workshops (Prof. Onoufriou) (20 min) Dissemination (Prof. Onoufriou) (15 min) Next steps (Prof. Onoufriou) (15 min)
14:00-15:30	Lunch
	Free Afternoon
19:30	SmartEN Official Launch and Reception

