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The University of Cyprus and the Department of Computer Science



- **University of Cyprus:**
 - More than 300 research projects funded by EU under H2020, FP7, AAL, FP6, INCO, COST, INTERREG, ERASMUS+, MEDA, etc.
- **Department of Computer Science:**
 - More than 130 research projects funded from both the European Union and the Cyprus Research Promotion Foundation with more than 13 millions in funding.
 - Also involved as partner or coordinator in various frameworks of the European Union: (H2020, FP7, FP6, EUMEDIS, INCO-DC, SOCRATES, AAL, ERASMUS+ INTERREG, MED, etc.).
- **The Department has 13 active Research Laboratories in areas such as Software Engineering and Internet Technologies, Intelligent Systems, Data Management, Distributed Systems, E-Health, etc.**

Research Areas of the SEIT Lab

- Website: <http://www.cs.ucy.ac.cy/seit/>
- Research Areas - Software Engineering & Internet Technologies
- Key topics related to the active and completed projects:
 - Cloud Computing & Service Oriented Architectures.
 - Context-Aware Middleware Platforms.
 - Pervasive, self-adaptive, assistive technology platforms, applications and Smart IoT services for elders and for people with disabilities.
- Key Research Interests:
 - Service Oriented Computing.
 - Pervasive Computing and Recommender Systems.
 - Context-Aware Systems.
 - Middleware Platforms.
 - Mobile Computing.

SEIT Projects

SEIT was involved as coordinator and partner in the 5th, 6th, 7th Framework and HORIZON 2020, where it participated in more than 30 EU projects and attracted more than €6M in funding.

H2020



FP6



SEIT is also involved in national projects and other EU funded projects, notably in initiatives such as AAL, Erasmus+, LLP, etc.

FP7



FP5



LC-SC3-SCC-1-2018-2019-2020: Smart Cities and Communities TranSform – Transforming Districts for enabling Smart Cities

- Objectives:
 - Formulate the right policies, identify opportunities and create plans for future smart infrastructure investments.
 - Provide extreme heat ventilation and renewable electricity solutions for buildings to create low energy districts.
 - Establish smart parking spaces, create cycling infrastructures, and provide small electric buses for enabling resilient mobility.
 - Taking advantage of smart data technologies and installing smart kiosks to address unique needs of residents and tourists.
 - Build a web of social media technologies for awareness, focus and engagement of citizens in the exploitation of smart solutions.
- Expected results:
 - Define a government-wide and multisector strategy for involved cities.
 - Attacking extreme heat and reducing energy footprint of buildings.
 - Collective, clean and efficient city transport for seamless multi-modal mobility.
 - Create a social-media driven smart data platform for citizens attentiveness.

Consortium - profile of known partners

(status – all pending)



No	Partner Name	Type	Country	Role in the Project
01	University of Cyprus	RTD	CY	Smart ICT services/apps
02	CNE Business Development Ltd	IND	CY	Policies, Business Models Project: http://www.smartcitiesmed.com/
03	Cyprus Energy Agency	NGO	CY	Citizens Awareness
04	CYRIC	RTD	CY	Smart Data Platform
05	Ministry of Transport, Communication and Works	GOV	CY	Sustainable Mobility Project: http://www.diavlos.org.cy/diavlos/

Consortium - required partners:

- With similar roles/expertise in other interested lighthouse and follower cities.
- From funded Smart Cities projects to enable knowledge and expertise transfer.

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