



Grantholder



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Erasmus+



Internet of Things:

Emerging Curriculum for Industry and Human Applications

2016-2019

SMART HOUSES AND CITIES 

AUTOMOTIVE AND UAV 

ECOLOGY MONITORING 

SMART GRIDS 

INDUSTRY 

HEALTH 



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Consortium

- Newcastle University, UK
- National Aerospace University "KhAI", UA
- Leeds Beckett University, UK
- Coimbra University, PT
- University KTH, Stockholm, SE
- Institute of Information Science and Technologies ISTI-CNR, Pisa, IT
- Chernivtsi National University, UA
- East Ukraine National University, UA
- Odesa National Polytechnic University, UA
- Ternopil National Economic University, UA
- Petro Mogila Black Sea National University, Mykolaiv, UA
- Zaporizhzhia National Technical University, UA
- Pukhov Institute for Modelling in Energy Engineering, National Academy of Science of Ukraine, Kyiv, UA
- IT-Alliance, UA
- Smart.ME, UA



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Project Workpackages:

WP1 - Development of Master programme on IoT

WP2 - Development of Doctoral programme on IoT

WP3 - Development of Industry training modules on IoT

WP4 - Capacity building measures

WP5 - Established IoT Cluster Network

WP6 - Quality control actions

WP7 - Sustainability actions

WP8 - Dissemination and public awareness

WP9 - Management

4 MSc courses

MC1 Fundamentals of IoT and IoE (Internet of Everything)

MC2 Data science for IoT and IoE

MC3 Mobile and hybrid IoT-based computing

MC4 IoT technologies for cyber physical systems

4 PhD courses

PD1 Simulation of IoT and IoE-based system

PD2 Software Defined Networks and IoT

PD3 Dependability and Security of IoT

PD4 Development and implementation of IoT-based systems

6 Industrial training modules

ITM1 IoT for Smart energy grid

ITM2 IoT for Smart building and city

ITM3 IoT for intelligent transport systems

ITM4 IoT for health systems

ITM5 IoT for ecology monitoring systems

ITM6 IoT for industrial systems