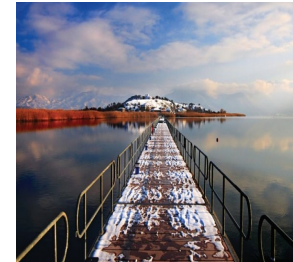




University of Western Macedonia



Location

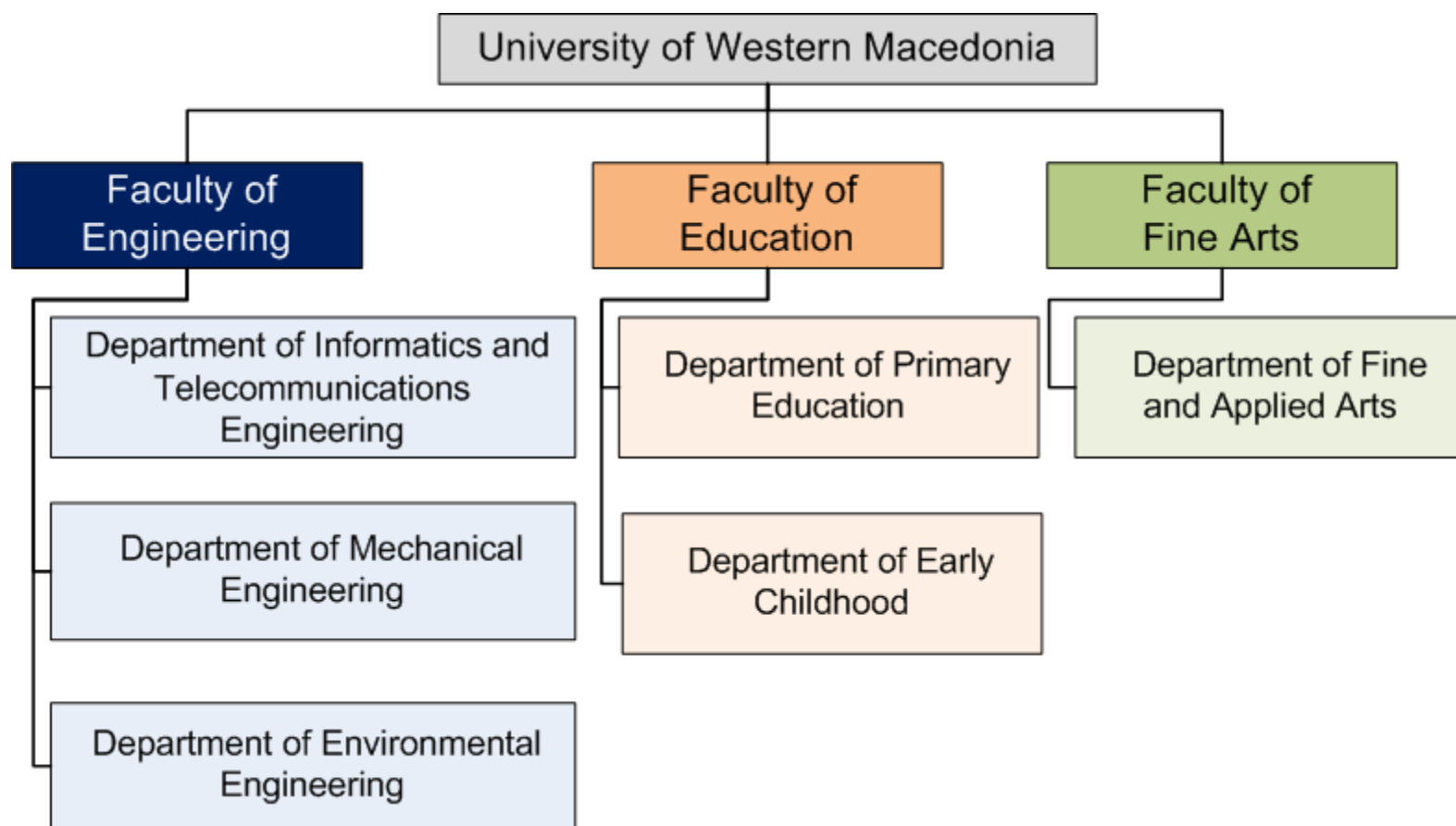


Prefecture of Western Macedonia

- Area: 9451 km²
- Population: 283.689 (2011)
- Capital City: Kozani
- The energy center of Greece



University of Western Macedonia



UoWM in numbers

Pre Graduate Students	3000
Post Graduate Students	800
PhD Students	158
Teaching Stuff	82
Administrative and Technical Stuff	50

UoWM Installations



UoWM Research Committee

- Participation in over **150** national and European **research and educational** programs



Ευρωπαϊκή Ένωση
European Union



Με τη συγχρηματοδότηση της Ελλάδας και της Ευρωπαϊκής Ένωσης



ψηφιακή **ε**ξήλδσ
Όλα είναι δυνατά
Επιχειρησιακό Πρόγραμμα
Ψηφιακή Σύγκλιση



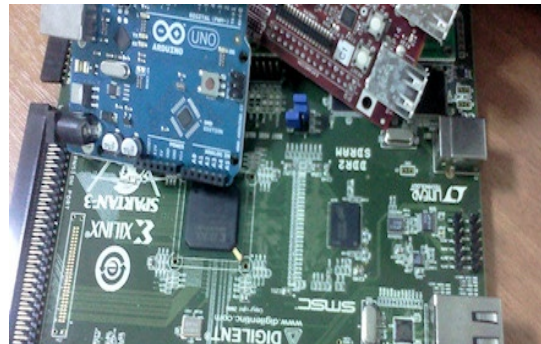
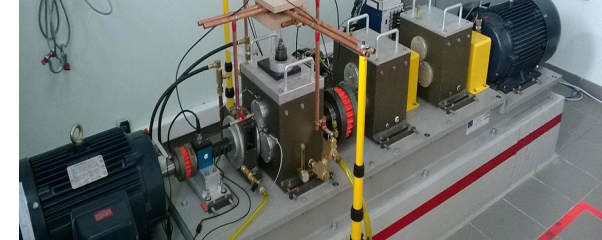
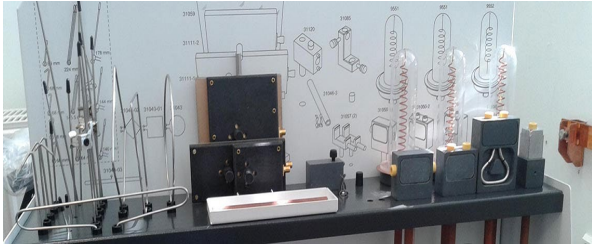
Ε.Π.
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ΜΕΤΑΡΡΥΘΜΙΣΗ



Education and Culture DG

Lifelong Learning Programme

Faculty of Engineering



Department of Informatics and Telecommunications Engineering (ICTE)

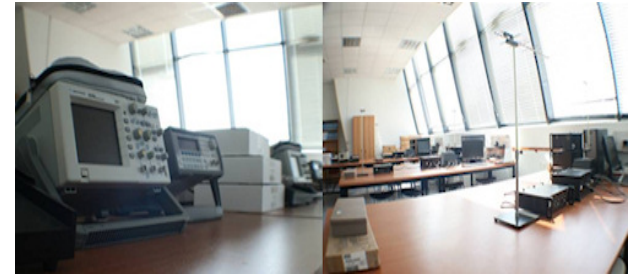


Research Areas

- Design, performance analysis, optimization and management of networks
- Design and support of advanced services in distributed environments
- Evaluation of new technologies and protocols
- Intelligent Systems, Data Mining
- Designing and analysis of algorithms and Data Structures
- Designing and optimization of systems
- Electronic Health and Applications
- Designing of electronic circuits
- Embedded systems
- Microelectronics, nano-electronics

ICTE Labs

- Informatics Lab
- Telecommunications Lab
- Electronics Lab
- Architecture and Digital Systems Lab
- E- Health & Bio Informatics Lab
- Robotics Lab
- Network and Advanced Services Lab



National and Multi-national Funding



UoWM Role in ARRANGE-ICT

- **Output 2:** Smart Job Hub
- **Output 3:** Skills Foresight Study
- **Project Management:** the research committee department from within the university deals with EU project management consultancy.



Output 2




Smart Job Hub

Leading Organization: **UoWM**



UNIVERSITY OF
WESTERN MACEDONIA

O2: Smart Job Hub

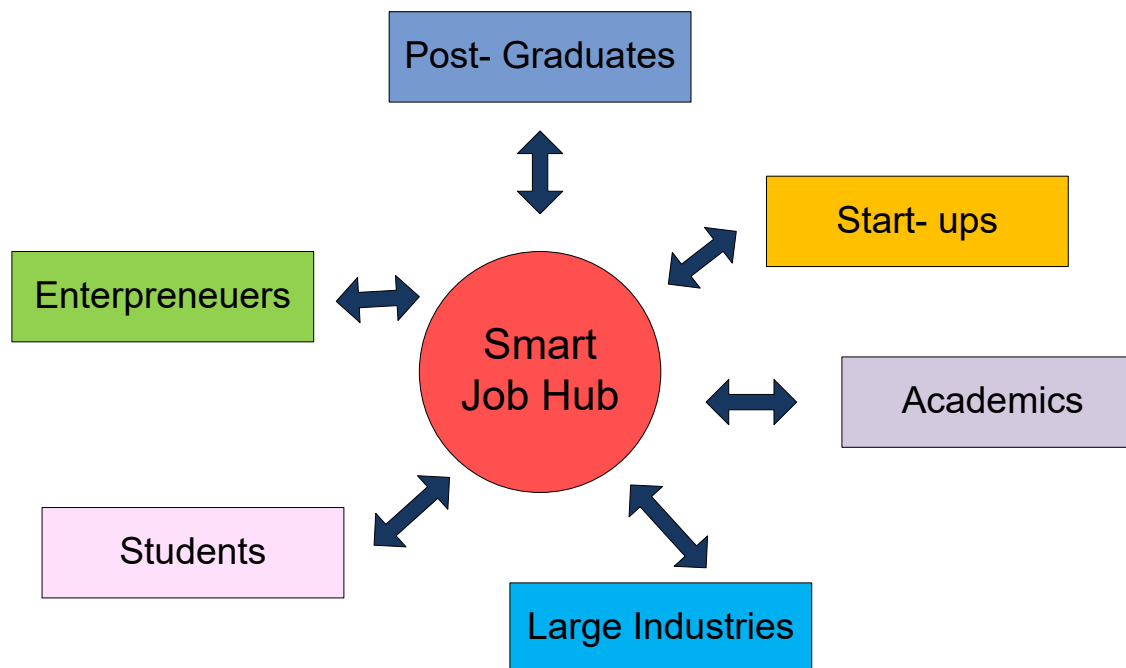
- **Start Date:** 1-12-2018
- **End Date:** 31-07-2019
- **Leading Organization:** UoWM
- **Participating Organizations:** SEERC, AIZ, SCY
- **Output type:** Open / online / digital education – Open Education Resource (OER)
- **Media:** Software, Website, Publications, Interactive Resources
- **Languages:**   

O2: Description

- **O2:** Analysis, design and implementation of the smart job hub
 - Definition of **functional and non-functional requirements** of the platform
 - **Design** of the system **architecture** and **implementation**.
 - Definition of the **smart core engine** for skill gaps identification.
 - **Interconnection** of the smart job hub with popular **job recruitment portals**.

O2: Stakeholders

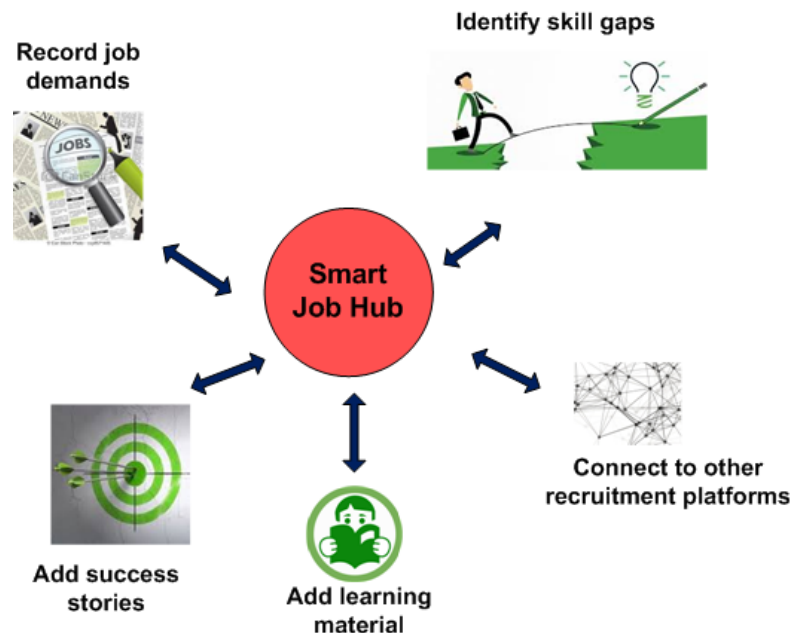
- Stakeholders



O2: Functionality

- **Functionality**

- record job demands and skill requests
- offer learning material, skills and competencies matching the aforementioned.



O2: Requirements & Design

- Requirements Specification (RS)
 - technical, organizational, pedagogical and economic dimensions of the framework to best support
 - the identification of ICT trends and skill gaps
 - the collection of learning resources
 - the establishment of alignment mechanisms to fight skill crisis
 - promotion of business opportunities between Universities and Industry.
- Design
 - Tools and services necessary to implement the proposed framework incrementally so that it can be assured that new modules could be added to the framework over time.

O2: Skill Gap Identification

- The Smart Core Engine
 - The smart core engine is responsible for revealing the ICT megatrends and highlighting the skill gaps that are appointed by the industry.
 - **Algorithms and data analysis methods will be defined and implemented in order to convert raw data into knowledge.**



O2: Interconnection APIs

- Interconnection APIs and interfaces
 - Link Smart Job Hub with existing recruitment and career opportunity portals
 - Erasmus recruitment platform
(<https://www.erasmusrecruitmentplatform.nl/>)
 - Erasmus intern platform (<https://erasmusintern.org/>).

Thank you for your attention!

Questions

