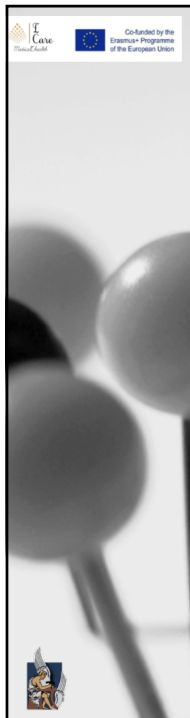# Technical University of Crete

iCare WP2 - Brief overview

24 March 2021

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**Maria Bakatsaki**

School of Production Engineering & Management
Management Systems Laboratory

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# Technical University of Crete
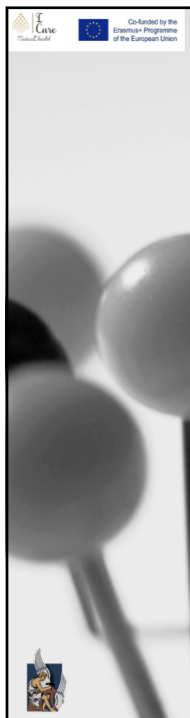
Department of Production Engineering & Management

## Previous Erasmus / Tempus experience

- **INCO-Health**

Coordinated by – Enhancing Medical Education with the use of ICT in Serbia, Montenegro and Bosnia - Herzegovina

- **SCEMIN**

Life Long Learning to extend **INCO-Health**

- **GOMES**

University Governance and Management in Serbia

- **SIGMUS**

The role of students in university governance in Serbia

- **MIMP**

Medical / Biomedical Informatics Education in Egypt (Helwan U, Suez-Canal and Ain-Shams)

- **INCOMING**

Enhancing interdisciplinary studying in Serbia

## Management Systems Lab Projects (1989-now)

### Emphasis n Health related projects

**Gen2Phen:** Genotype-To-Phenotype Database: A holistic solution
European Commission FP7 (Grant 200754). 2008-2010

**INFOBIOMED:** Biomedical Informatics to support individualized healthcare
European Commission FP6 (Grant 507585). 2006-2008

**INTERCare:** Interworking & Interoperability of Networked Services for Healthcare
Telematic Applications Programme (HC 4011). 1997-2000

**MLT:** Machine Learning Toolbox
European Commission (ESPRIT P2154). 1989-1993

Experience in:

- ✧ Web-based learning
- ✧ Entrepreneurship
- ✧ Innovation
- ✧ Gamification
- ✧ Business Process Reengineering & Workflow modeling
- ✧ Decision Support in medicine (Big Data handling)
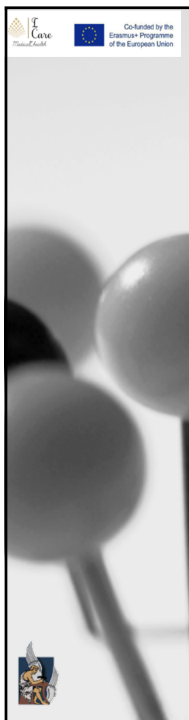- ✧ Integration of database sources in DSS architectures

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**Leader of WP2." Development of I CARE" Centres & web Platform**
Co-leaders: P4, P6, P10, P13, P16
Duration: 15/1/2021-14/1/2024

Establishing of the University-enterprise Advanced Primary Care Innovation Center (APCI) as a **hub of university enterprise center and platform based on Knowledge Triangle**:
**Education-Research-Health Business (KTER).**

The center & the platform are created to promote and encourage the interactive collaboration between academic & non-academic partners in preparation, development and commercialization of innovative primary health care PHC practice (PHCP).

All partners including potential student led will work together on developing 2-3 a **business plan** including the definition of centers' vision, mission, policy, strategy, regulations & plans.

**A digital education platform will also be purchased to support the digitized learning environment & deliver e-modules to be conducted on the portal.**

Integration of this platform with the other external relevant networks to achieve synergetic effects ( added values which could be achieved as a result of pooling the intellectual academic & scientific skills and the professional experience of the practical know-how of the healthcare staff at different healthcare sittings and enterprises)

**Leader of WP2." Development of I CARE" Centres & web Platform**
Co-leaders: P4, P6, P10, P13, P16
Duration: 1/1/2021-31/12/2024

**WP2 Milestone:**
- structure and strategy of the APCI Centers and the platform are defined,
- requirements of the healthcare institutions are identified,
- the business plan of the KTER is developed
- a pilot test of the KETER web platform is conducted.

**WP2 Deliverables:**
- P2.1-Report for the establishment of "I CARE" Center developers
- P2.2-Established "I CARE" APCI Centers
- P2.3-Report for revision, adjustments and Verified of the centres
- P2.4-Establishing and Launching centre and platform services

The university-enterprise APACUI is established in Lebanon in Egypt, the equipment are purchased and installed and the centres are operated during the life of the project with continues improvement and Centres' are equipped with suitable software's, hardware's & digital education platform used by partners universities.
A manual containing all digital teaching and training (T&L) training and teaching skills is also developed and delivered
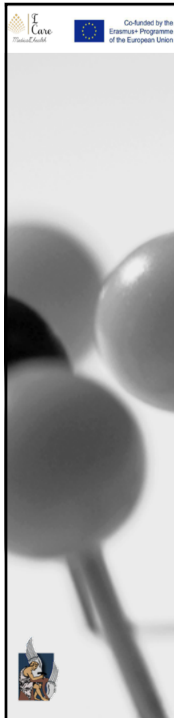
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# WORKPLAN PER YEAR

### 1st year

| 2.1 | I "CARE" Centers & Platform (Hubs) |
|---|---|
| 2.1.1 | Establishment of " I CARE" center developers' teams. |
| 2.1.2 | Tuning the objectives and definition of the requirements |
| 2.1.3 | Analysis the requirements from partner universities and healthcare institutions, potential users and development preliminary recommendations in results sustainability |
| 2.1.4 | Study visits to EU partners |
| 2.2. | Established "I CARE" centres |
| 2.2.1 | Development of the business plan for the functioning of "I CARE" centers in each PC |
| 2.2.2 | Review of the business plan with EU partners |
| 2.2.3. | Purchasing the resources/equipment and Pilot run of I CARE centers in pc universities |

### 2nd year

| 2.2.4. | Pilot establishment of the web platform |
|---|---|
| 2.2.5. | Analysis of the results of installation |
| 2.3.1 | Revision and adjustment |
| 2.3.2 | Approval of the regulations and starting the functioning of the CeHI centers. |
| 2.4.1 | Evaluation of the market potential of the developed centers |
| 2.4.2 | The platform and the centers are providing onsite and e. and research activities for the healthcare sittings (public and private hospitals, clinics &medical centers) and R&D |

### 3rd year

| 2.4.2 | The platform and the centers are providing onsite and e. and research activities for the healthcare sittings (public and private hospitals, clinics &medical centers) and R&D |
|---|---|

## In summary

✓ Preliminary Business Plan 31 May 2021.

✓ Finalised business plan 30 June 2021.

✓ Subcontracting procedures of digital education web platform 31 October 2021.

Thank you!!!