



Technical University of Crete

<http://www.tuc.gr>

TUC Innovation Initiative

Professor Nikolaos Nikolaidis

Deputy Rector for Financial Planning and Development

Location, Location Location: Chania, Crete, GREECE



The CAMPUS: Region Akrotiri



Greece

Crete

Chania

University's Profile

TUC is a small, young and dynamic University with a clear mission:

- To expand **knowledge** and **benefit society** through **research** integrated with **education**
- The pursuit of **excellence** in education and research



External Evaluation Report-2016

**as per 2015-2016*



The highest possible rank, **“Worthy of Merit”**, was awarded to TUC, according to the External Evaluation Report (March 2016) by the Hellenic Quality Assurance & Accreditation Agency



Strategic Plan: goals

- ✓ **Research and Technology Transfer.**
 - Excel and perform world-class research.
 - Recruit and retain high-quality faculty and research personnel.
 - Facilitate technology transfer and embrace startups and entrepreneurship

- ✓ **Education based on high international standards.**
 - Student-centered learning process.
 - Quality Assurance mechanisms and best practices.
 - Internationalize educational programs.
 - Life-long learning and continuous education programs.

- ✓ **Sustainable Development.**
 - Strategic Plan for Sustainable Development.
 - Open laboratory” for sustainable development.
 - Green University actions on energy, water and paper consumption, on recycling and on Green transportation.

- ✓ **Student Social Policies and Societal Outreach.**
 - Provide better support and services to students
 - Outreach actions to local society: STEM and Entrepreneurial activities
 - Open campus strategy for recreation, sports and cultural activities.





**TECHNICAL
UNIVERSITY
of CRETE**

Innovation



“TUC Innovation Initiative”

Strategic goal

We strongly believe that **the only realistic option that will foster economic growth** and allow the country to exit the downturn spiral of austerity is **innovation that will be capitalized through entrepreneurship.**

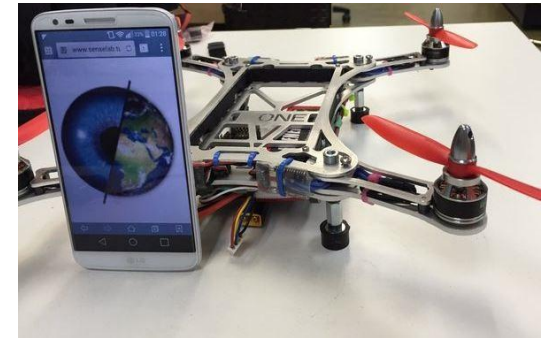
Given the relatively small size of Greece, the domestic market cannot drive economic growth. We need to move promptly to **improve our competitiveness and the added value of our products.**



Make Chania a
**Technology Innovation
Hub.**



Showcase of successful entrepreneurial cases initiating from TUC



Crete Innovation Initiative

- Memorandum of Collaboration of 7
Cretan Institutions →
Cohesive power for innovation and
regional development →
1. Local Innovation Hub
 2. Financing from structural funds
(Region of Crete) and the European
Investment Funds
 3. Matching Funds



TUC Innovation Initiative Action Plan

Our action plan aims towards a
"Sustainable Entrepreneurial Capital Formation"
by designing a holistic, integrated development of the
three foundations of entrepreneurship which are research,
education and outreach.

TUC has been very strong in technological research and education, however, has been behind in the area of technology transfer and entrepreneurship. The later, we want to strengthen through strategic partnerships.



TUC Innovation Initiative Action Plan - 1

Development of an
International Ms Degree in Technology Management, Innovation and Entrepreneurship,
in collaboration with Israeli experts:

- **Dan Marrom** (<http://www.danmarom.com>), a **crowdfunding expert** and co-author of a pioneering book on crowdfunding – "The Crowdfunding Revolution" alongside Kevin Lawton. Dan brings valuable experience in ideas and startup financing and is advising international organizations such as the World Bank, the European Commission and many other corporates & ventures that are operating in the crowdfunding field.
- **Harry Yuklea** (<http://www.yuklea.info>), a Research Assistant Professor at The Technion, and visiting professor at the Tel Aviv University, the Hebrew University of Jerusalem and the ORT University of Montevideo, in the fields of **Entrepreneurial Finance** and **Economics of Innovation**. Harry has been directly involved for the last 35 years in the remarkable build-up process of the Israeli high-tech sector and serves as **policy design** advisor to the Israeli National Economic Council, the Israeli Chief Scientist Office and various international and foreign government agencies.



TUC Innovation Initiative Action Plan

- ✓ Organized the “Innovation and Entrepreneurship 2016” event for the first time, emphasizing on alumni start-ups and building and Entrepreneurial Eco-System in Chania

**INNOVATION
& ENTREPRENEURSHIP**
TECHNICAL UNIVERSITY
OF CRETE 2016

JULY 1ST
MEDITERRANEAN AGRONOMIC
INSTITUTE OF CHANIA



SEEDING
IDEAS
HARVESTING
THE FUTURE

- ✓ Organized an entrepreneurship contest, within the event, among the TUC community. Received ideas in the areas of IT, electronics, environment, architecture, UAV's , telecommunications, medical screening

TUC Innovation Initiative Action Plan - 2

Collaboration with **The People's Trust** and **Do-School**:

- **Do-athon Workshop** - a two day workshop for 100-120 people on innovation and entrepreneurship taught by the Do-School experts.
- **Do-gether Course** - Attract applications and choose the best members from the Do-athon for the Do-gether. 20-30 individuals with some one-to-one sessions, webinars and online sessions.
- **Micro-financing** - The idea will be that as people meet their targets or once the training has been complete, then The People's Trust would also make some grants available.



TUC Innovation Initiative Action Plan - 3

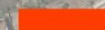
Development of an **Innovation House at TUC:**

- The aim of the TUC Innovation House is to **promote entrepreneurship** within the Technical University of Crete and in general the greater area of Crete.
- The TUC Innovation House will be an independent company that will spin-off from the Development Company of TUC and its legal status will be determined in the next few months.

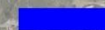


TECHNOLOGY PARK

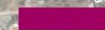
ΠΟΔΗΛΑΤΟΔΡΟΜΟΣ



ΚΑΙΝΟΤΟΜΕΣ ΕΠΙΧΕΙΡΗΣΕΙΣ



ΕΓΚΑΤΑΣΤΑΣΕΙΣ ΦΩΤΟΒΟΛΤΑΪΚΩΝ



ΕΜΠΟΡΙΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ



ΦΟΙΤΗΤΙΚΗ ΕΣΤΙΑ



ΑΘΛΗΤΙΚΕΣ ΕΓΚΑΤΑΣΤΑΣΕΙΣ



χρόνια αριστείας

ΠΟΛΥΤΕΧΝΕΙΟ ΚΡΗΤΗΣ