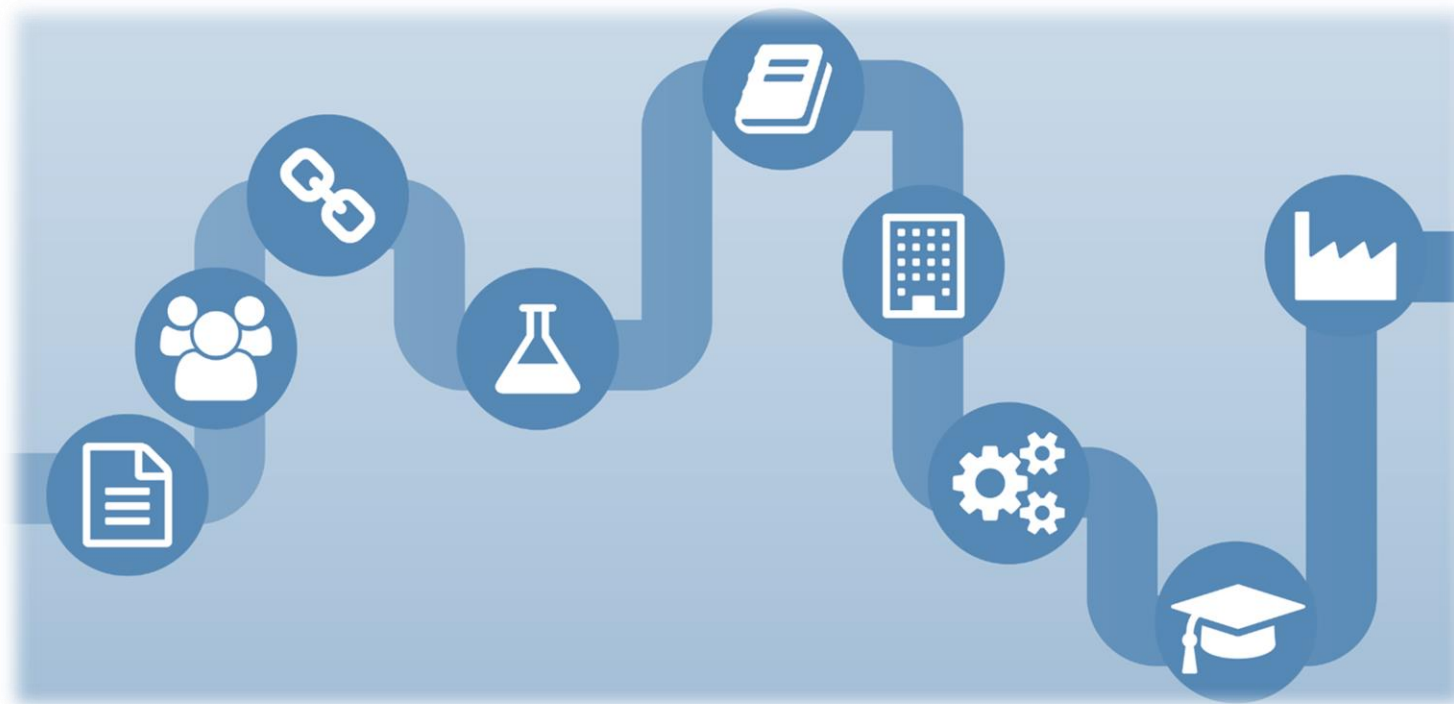




REGION OF CRETE
ΠΕΡΙΦΕΡΕΙΑ ΚΡΗΤΗΣ



European Union
European Regional
Development Fund



FINAL PARTNER & PROJECT MEETING

March 8 -9, 2023

iWATERMAP: Final Project Meeting

Wednesday, 08 March 2023



REGION OF CRETE
ΠΕΡΙΦΕΡΕΙΑ ΚΡΗΤΗΣ



European Union
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Region of Crete

A Few Words about the Achievements

- The Region of Crete mainly focused, from the beginning of the iWATERMAP program, on the following objectives:
 - • Development of strategies in the field of water technology;
 - • Creation of critical mass in the field of innovation systems that concern the whole scope of water management (water resources efficiency, use in other industrial sectors, wastewater recovery, wastewater treatment, desalination, etc.);
 - • Recording and evaluation of the critical mass of the environment / ecosystem of innovation in the field of water technology in the Region of Crete as well as in the collaborating Regions;
 - • Organization of interregional workshops, stakeholder meetings and exchange of good practices during the evaluation.



Region of Crete

A Few Words about the Achievements

- This approach presupposed the identification and emergence of the determining factors in the formation of innovation ecosystems, such as:
 - Academic and business cooperation;
 - Cross-border cooperation;
 - The creation of cooperative formations (clusters); and the
 - Interregional networks.



iWatermap - Regional Attention to Water

Water quality and sufficiency are key issues for the Region of Crete due to many reasons such as:

- The variation of annual rainfall levels affected by climate change;
- Overexploitation of groundwater, due to irrigation and the well-established tourism industry; and
- High levels of water losses in the outdated water supply network, etc.



iWatermap - Regional Attention to Water

- Region of Crete actions are mainly focused in the 2nd pillar of the Roadmaps, Human Capital Development.
- The consultation with the stakeholders identified the following good practices and examples as inspiration points for the development of relevant actions in Crete

The Region of Crete has included the following actions according to the iWATERMAP Action Plan

Human Capital

Lifelong learning actions such as:

1. Adults and the Lifelong Learning Programme "Water: Safety, Quality and Hygiene" Target groups:
 - a) University graduates in relevant fields and
 - b) Adults of professional specialties related to water resources management (water supply network technicians, maintainers, etc.) Center for Training and Lifelong Learning (KEDIVIM) of the University of Crete (Medical School);
2. Seminar :
 - a) "Environmental protection, water and wastewater management issues" Target group: Employees in water-wastewater management systems (in hotels, factories, facilities of bodies of the wider public sector (DEYA-OTA) but also all those who are interested in experience, specialization and certification in the management of water-wastewater systems;
 - b) "Basic knowledge of safety and water quality of water supply networks", addressed to employees, owners or managers of hotel units –rented apartments, hospitals, DEYA, etc.;
3. Educating students on water safety plans Regional Directorate of Primary & Secondary Education of Crete/ Regional Centre for Educational Planning of Crete (PEKES)/ Region of Crete.



The Region of Crete has included the following actions according to the iWATERMAP Action Plan

Critical Mass Development

1. Development of synergies between the public/private sector and academic institutes, such as:
 1. Management of irrigation networks: Monitoring of irrigation water supply. Region of Crete, Local Land Improvement Organizations (non-profit legal entities under private law responsible for the management of irrigation water), Foundation for Research and Technology -Hellas (FORTH), Institute of Informatics (ICS), Signal Processing Laboratory (SPL);
2. Short Workshop for executives of Municipal Water Supply and Sewerage Companies, Chamber of Commerce and Industry of Heraklion, Municipal Water Supply and Sewerage Companies, Region of Crete -Vocational Training Center of Rethymno.

Region of Crete - Next Steps

The goal of iWATERMAP for the Region of Crete was to seeking cooperation and exchange of good practices as well as new investment tools in an effort to be addressed the pressure on the island's water resources. There is space for further developments in the field of the water innovation and technology.

Among the priorities/next steps of Region of Crete are:

- Highlight regional needs and deficiencies in water and water technology
- Promote the innovation and support of Entrepreneurship:
 - Cooperation between research institutions and businesses to promote Innovation
 - Strengthening research infrastructures
- Increase the number of training and reskilling seminars, as well as information and awareness programs for both the general public and students at all levels
- Influence both the regional strategic plan and the research activity in the water sector



REGION OF CRETE
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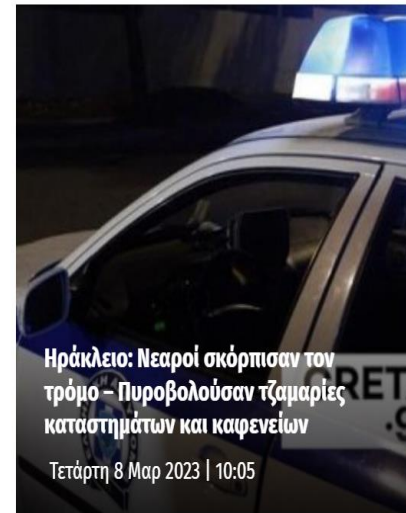
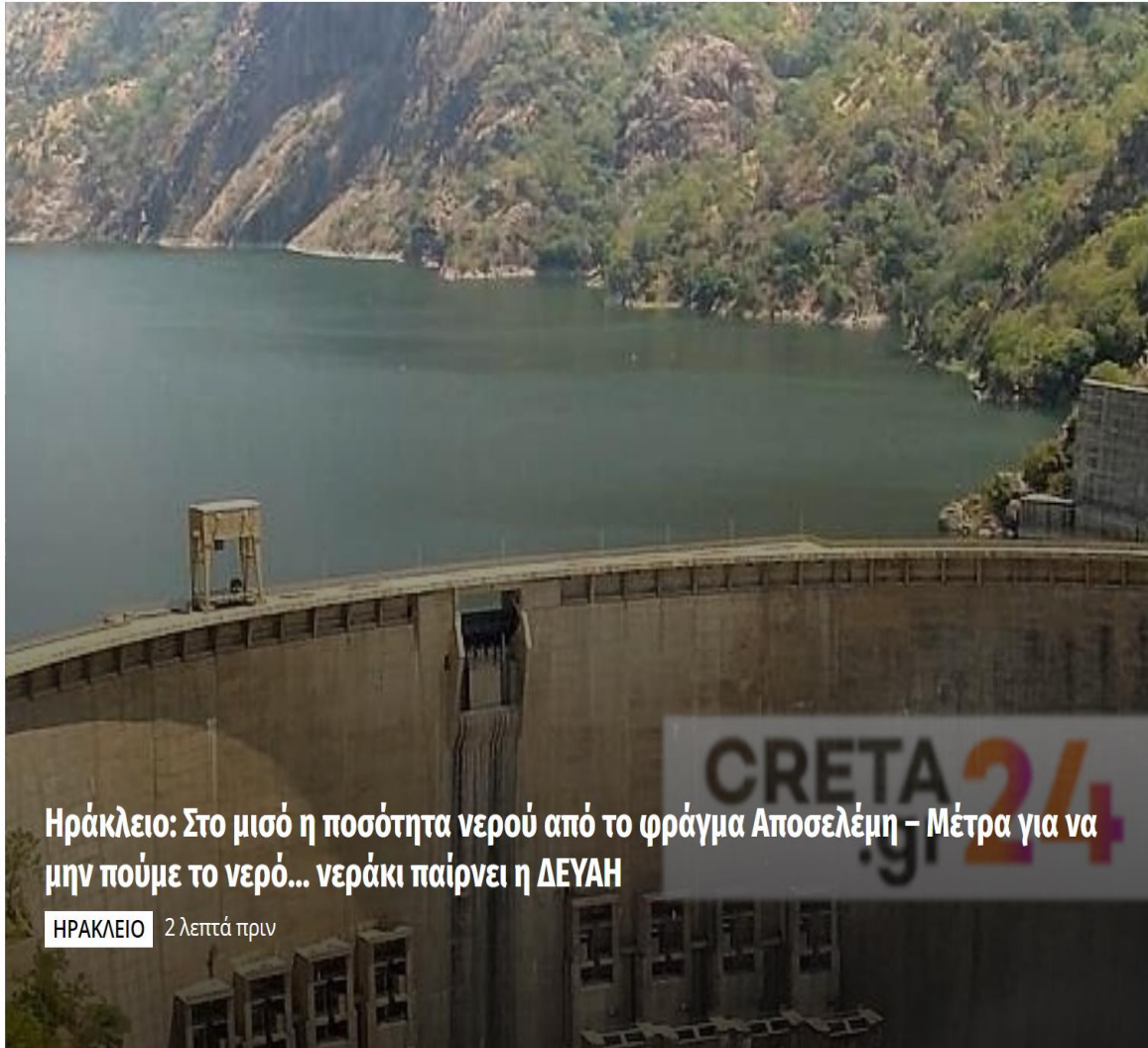
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8-3-2023

ΤΕΛΕΥΤΑΙΑ ΝΕΑ Τζ. Τσαντρίζου: «Αγάπα τη Γυναίκα, γιατί είσαι Εσύ...»



Heraklion: Half the amount of water from the Aposelemis dam – immediately measures get the municipality

It should be noted that the following activities and actions were achieved

in semester 9 at the local level (included in the Action Plan):



1. With the cooperation of the following involved bodies - University of Crete, Department of Medicine, Research Technology Foundation (ITE) and Directorate of Public Health of the Region of Crete) - an Early Warning System for Water Safety application was created with the acronym WATERGUARDIAN.
2. A proposal for an educational program entitled “Safety, Quality and Hygiene of Water” was submitted to the University of Crete Training and Lifelong Learning Center.
3. The below seminars (included in the Action Plan) continued at the Professional Training Center of the Chamber of Heraklion:
 - a) Modern Certified distance education in Basic knowledge of Safety and Water Quality of water supply networks;
 - b) Certified distance education for those responsible for the control of Legionella spp. (Legionnaires' disease);and
 - c) Certified distance training in the management of sanitary cleaning -disinfection, sterilization and prevention protocols, of all care-hospitality areas, against infectious contaminants including SARS-COV2 (including water for human consumption and recreational areas with water).



Helping you optimize safety

WATER GUARDIAN

HOTEL

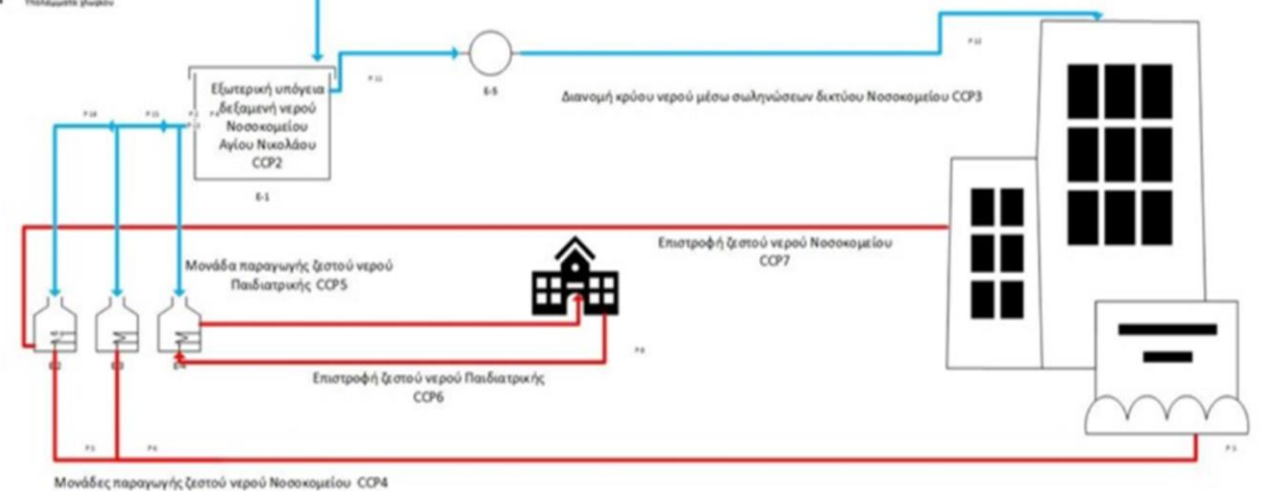
Ημ. Μέτρησης	Θερμοκρασία εξόδου θερμαντικής συσκευής	Θερμοκρασία νερού επιστροφής	Θερμοκρασία εξόδου 2	Θερμοκρασία νερού επιστροφής 2	Διορθωτικές ενέργειες
1/11/2022	40	20	40	20	
15/11/2022	20	30	20	30	

Προσθήκη κάτολης εσωτερικού δικτύου διανομής νερού

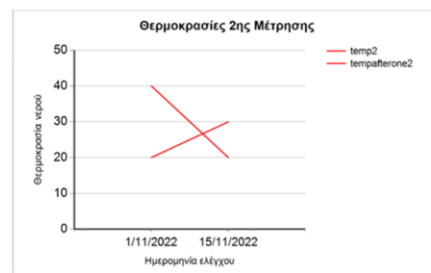
1. ΔΙΑΓΡΑΜΜΑΤΑ ΡΟΗΣ ΔΙΚΤΥΟΥ ΠΑΡΟΧΗΣ ΝΕΡΟΥ ΚΑΙ ΣΗΜΕΙΩΝ ΔΕΙΓΜΑΤΟΛΗΨΙΑΣ

Νερό Δημοτικού δικτύου Αγίου Νικολάου CCP1

- Εξοπλισμένοι προδότες ημ, σήματα ή σφραγισμένα όργανα
- Πύλες και παρονομαστικά
- Θερμοκρασία pH και αλκαλικότητα
- Ολική σκληρότητα, οργανικός άνθρακας (TOC) και βιολογικός οργανικός άνθρακας (DOC)
- Τριχλωρομεθάνιο (THM5)
- Νιτρώ, Νιτρώδη
- Χαλκός
- Υπερλειτουργία θανάτου



Παρακολούθηση Water Safety Plan Ξενοδοχείου ΔΩΜΑΤΙΟ 125





UNIVERSITY OF CRETE
SCHOOL OF MEDICINE



Πιστοποιημένη εξ αποστάσεως εκπαίδευση υπεύθυνων για τον έλεγχο του βακτηρίου Legionella spp. (Νόσος των Λεγεωνάριων)...



Έναρξη: 20/02/2023. Εξ' αποστάσεως -Πιστοποιημένη εκπαίδευση διαχείρισης υγειονομικών πρωτοκ. καθαρισμού-απολύμανσης, αποστείρωσης & πρόληψης, όλων...



Σύγχρονη Πιστοποιημένη εξ' αποστάσεως εκπαίδευση στις βασικές γνώσεις ασφάλειας και ποιότητας νερού δικτύων ύδρευσης, Έναρξη:...

Technical Institute of Heraklion Chamber of Commerce and Industry



Technical
University
of Crete



ΚΕΚ ΤΕΧΝΙΚΕΣ ΣΧΟΛΕΣ
ΕΠΙΜΕΛΗΤΗΡΙΟΥ ΗΡΑΚΛΕΙΟΥ

Υπεύθυνη Κατάρτιση από το 1950



UNIVERSITY
OF CRETE

Thank you very much !

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