

*Innovative good practices in the sectors of agri-food and tourism*

# OLEA MARE

*a small hotel making the difference*

 **olea Mare**  
studios & apartments

 European Union  
European Regional  
Development Fund

 **HIGHER**  
Interreg Europe

# OWNERS AND FOUNDERS

*of Olea Mare*

LIOKAS THEODOROS



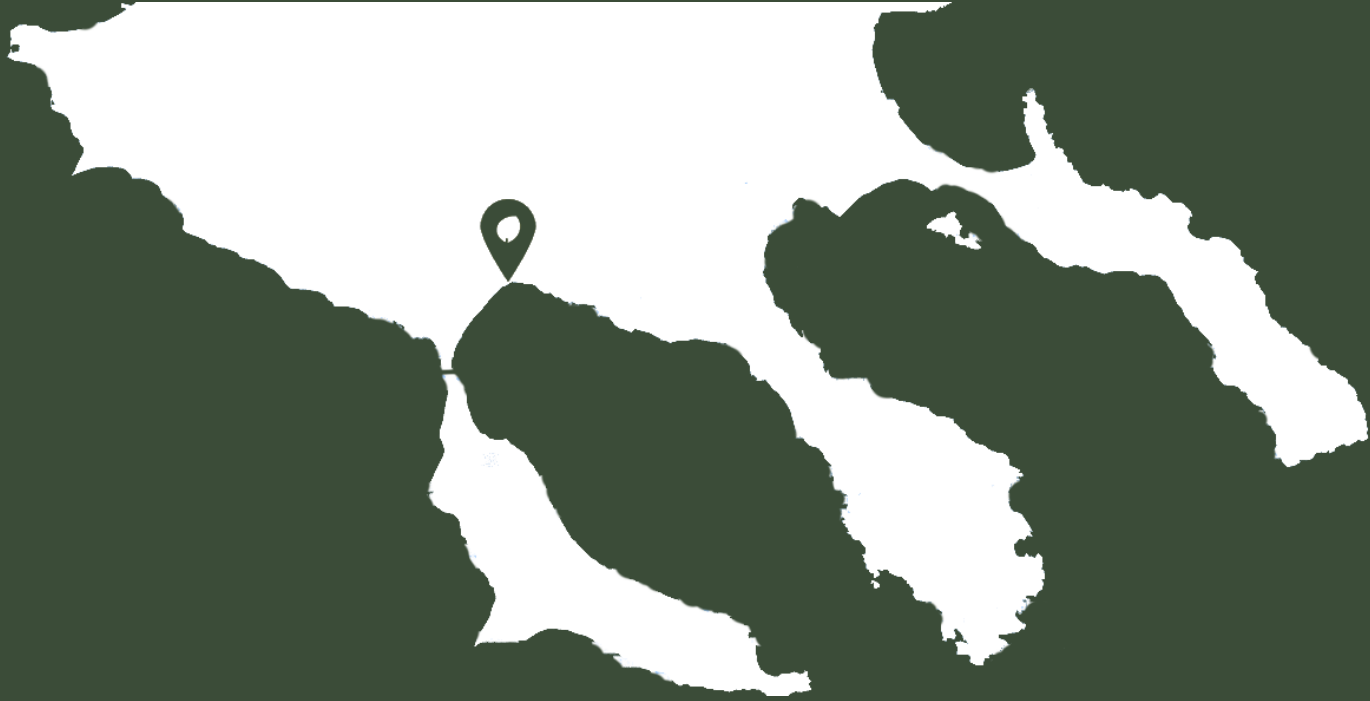
LIOKAS NIKOLAOS



# RETROSPECT - TIMELINE

- **Mid 70s** – *purchase of land*
- **2013** - *initiation of planning and funding process through NSRF*
- **2014** - *commencement of construction*
- **2015** - *completion of construction/ commencement of operation*
- **2016** - *addition of new features on the site*
- **2017** - *3<sup>rd</sup> consecutive summer of successful operation*

# LOCATION



Location of Olea Mare on the map – Halkidiki, Greece



Olive Trees - Halkidiki



Ancient Olynthus- Halkidiki

# THE PROPERTY

**100 m** to the beachfront

**4,000 sqm** site area

**2** main identical buildings

Capacity up to **50** customers

**8** apartments and **4** studios



# FACILITIES



Swimming pool



Pool bar



Reception pavilion



Private umbrellas  
and sun beds on the beach



Barbeque & Children playground



# THE ROOMS



# SUSTAINABILITY

*Passive features*

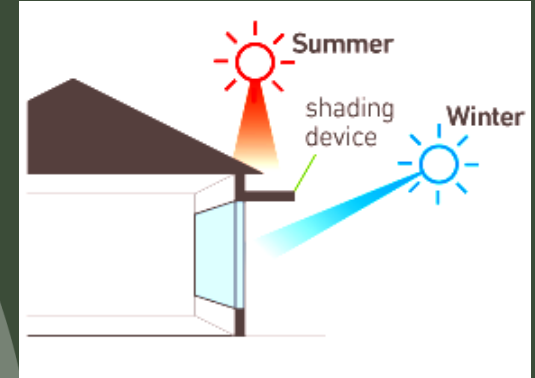
**South orientation**

**Horizontal shading** to the south

**70mm insulation** on exterior walls

**80mm insulation** on the roofs

**Double glazed, gas filled** aluminum windows





# SUSTAINABILITY

*Electromechanical features*

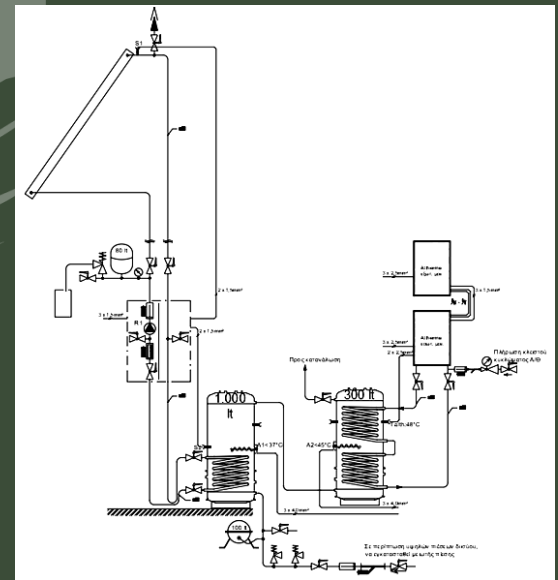
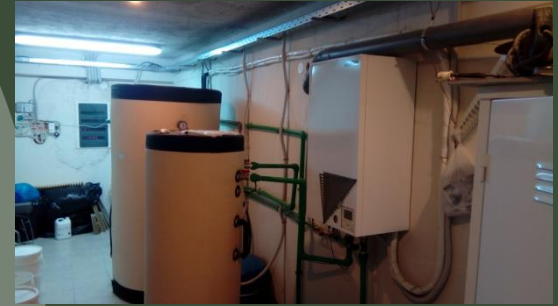
**Hybrid** heat generation system of warm water supply – efficient in cloudy periods & peak time

**3.5 sqm solar panels** per room connected to an array and parallel hydraulic connection

**Boilers** of 1000 & 300 liters per building for water storage

**Heat pump** connected to the 300lt boiler

**30** tenants max, **42 C**, **100** lt/ tenant



# SUSTAINABILITY

Extra features

**Reduced use of detergents** is kindly suggested

**Recycling** bins and policies in property

**Ph & chlorine** checked automatically

**Operation of A/C** only when windows are in the closed position

**A CLASS** energy efficiency certificate



ΒΑΡΜΟΛΟΓΗ ΕΝΕΡΓΕΙΑΚΗΣ ΑΠΟΔΟΣΗΣ	
ΜΗΘΟΔΟΣ ΕΝΕΡΓΕΙΑΚΗΣ ΚΑΤΑΘΕΣΗΣ	ΕΝΕΡΓΕΙΑΚΗ ΚΑΤΗΓΟΡΙΑ
EP: 8.10 kWh/m²	A+
EP: 10.0 kWh/m²	A
EP: 12.0 kWh/m²	B
EP: 15.0 kWh/m²	C
EP: 18.0 kWh/m²	D
EP: 22.0 kWh/m²	E
EP: 27.0 kWh/m²	F
EP: 33.0 kWh/m²	G
EP: 40.0 kWh/m²	H
EP: 48.0 kWh/m²	I

ΕΝΕΡΓΕΙΑΚΗ ΜΗ ΑΝΑΒΟΛΙΜΟ

Υποαλογούμενη ετήσια κατανάλωση πρωτογενούς ενέργειας κτηρίου αναφοράς [kWh/m²]	80.4
Υποαλογούμενη ετήσια κατανάλωση πρωτογενούς ενέργειας [kWh/m²]	42.3
Υποαλογούμενες ετήσιες εκπομπές CO <sub>2</sub> [kgCO <sub>2</sub> /m²]	14.2

Πραγματική ετήσια κατανάλωση ενέργειας & Εκπομπές CO <sub>2</sub>	Θεωρηθεί άνοση 05
Πραγματική ενέργεια [kWh/m²]	Κατοική 05
Πραγματική ετήσια κατανάλωση πρωτογενούς ενέργειας [kWh/m²]	Οπισθική άνοση 05
Πραγματικές ετήσιες εκπομπές CO <sub>2</sub> [kg/m²]	Ποιότητα άνοση 05



*Friendly towards people with* **special needs**

## **Access to every facility**

via low inclined 5% paths  
and access level doors

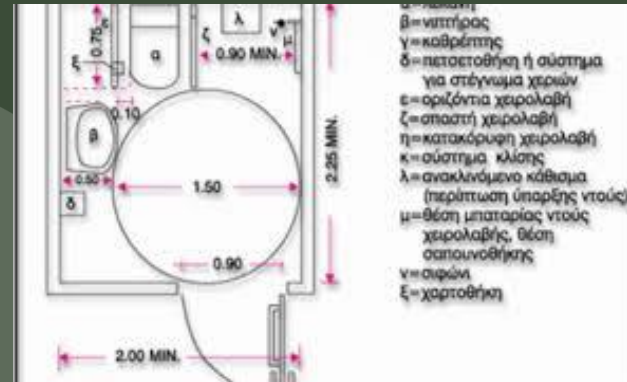


**1 room** designed for  
people with special needs  
per building



Friendly towards people with **special needs**

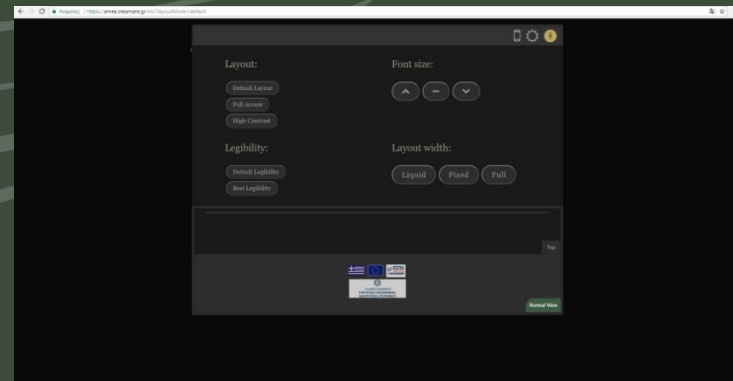
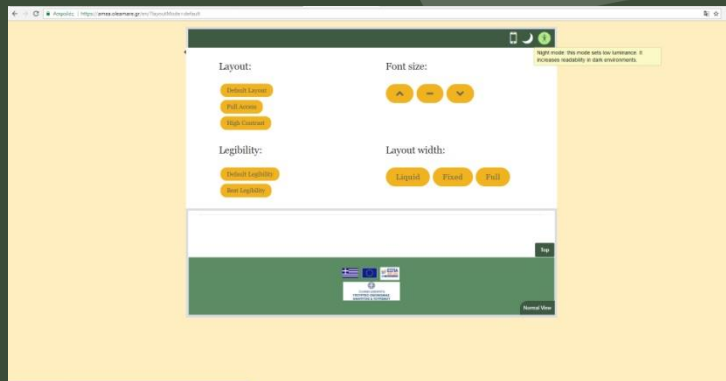
**Bathroom** allows for proper circular movement



**Sockets** placed on walls at a lower height



**Website** special accessibility option



# CUSTOMERS' APPRECIATION



**THANK YOU!**