



GREENING THE ISLANDS OBSERVATORY

“GREENING THE ISLANDS OBSERVATORY – GLOBAL INDEX”

DATA COLLECTION SHEET

Name of the island: **Crete**

0. GENERAL INFORMATION ABOUT THE ISLAND

0.1. Population residing on the island 623.065 (2011)

0.2. Average population in the peak tourist month: more than 1million (2011)

0.3. Surface area: 8,303 km²

0.4. Presence of energy and/or environmental planning tools on the island (e.g. energy plans, waste management plans, water management plans, sustainable mobility plans)

1. “Regional Waste Management Plan of Crete”, 2016 <https://www.crete.gov.gr/prefecture>

2. “Water Management Plan of Crete”, 2017 <https://www.apdkritis.gov.gr/el/dataset/>

3. “Energy Planning Region of Crete”, 2016

0.5. If existing, specify the names of such plans and approval details

0.6. Links to dedicated web sites

0.7. Attach any suitable documentation

0.8. Presence of any protected natural areas (parks, reserves, marine protected areas, etc.) Yes

0.9. If existing, specify the year when they were created, the entity in charge, the type of protected area and restrictions; briefly describe protection legislation, local regulations, restrictions, percentage of protected area, surface area and any other suitable information

NATURA 2000 sites:

There are 54 sites in Crete included in the European Ecological Network NATURA 2000. They integrate both terrestrial and marine areas and are designated either as Special Protected Areas or Sites of Community Importance. The total surface of the 53 sites corresponds to about 30% of Crete’s total area. There are two Management Bodies for the sites, one for Western Crete (23 sites) and one for Central and Eastern Crete (31 sites).

0.10. Links to dedicated web sites

0.11. Attach any suitable documentation

0.12. Any environmental quality certifications and/or quality labels recognized by the local government

Green key <https://www.greenkey.gr>

0.13. If such certifications/labels were granted, specify the type, year, entity and briefly describe the certification

0.14. Links to dedicated web sites

0.15. Attach any suitable documentation





0.16. Presence of companies operating in the tourism sector which were granted officially recognized environmental quality certifications and/or labels

<https://www.greenkey.gr>

0.17. If existing, specify the number and briefly describe the type of certification, type of company and meaning of the certification

0.18. Attach any suitable documentation

0.19. Significant projects in the "Sustainable tourism" sector

- INTERREG EUROPE "BRANDTour"- Building Regional Actions for New Developments in Tourism
- INTERREG MED "PANORAMED" - Mediterranean Governance Platform
- INTERREG MED «BLUEISLANDS» Seasonal variation of waste as an effect of tourism
- INTERREG MED "MISTRAL" Mediterranean Innovation STRAtegy for transnational activity of clusters and networks of the Blue Growth
- INTERREG ADRION "TOUREST" Tourism Water Management For Sustainable Adrion Coastal Areas

0.20. If existing, briefly describe the most relevant projects carried out on the island, including by private entities, to promote sustainable and responsible tourism

0.21. Links to dedicated web sites

0.22. Attach any suitable documentation





3 SUSTAINABLE MOBILITY

- 3.1. Reference year of data: 2019
- 3.2. Type of vehicles used for local public transport: Diesel
- 3.3. Motorization rate: 100%.... Number of motor vehicles per 1,000 inhabitants
- 3.4. Percentage of electric/hybrid vehicles out of the total number of vehicles: Lower than 5%
- 3.5. Automotive diesel consumption: litres
- 3.6. Automotive petrol consumption: Litres
- 3.7. Automotive LPG consumption: Litres (as a percentage of the total fuel consumption near 0%- only 2 stations, in the capital city of Crete, Heraklion, provide Lpg)
- 3.8. Automotive methane consumption: 0 cubic metres
- 3.9. Number of car rentals on the island:
- 3.10. Number of car rentals with electric cars: 0
- 3.11. % of car increase during the tourist season: 300 % in some areas, like the road section of the Northern national Road of Crete, Heraklion – Malia.
- 3.12. Presence of incentive parking lots – No
- 3.13. Presence of working electric/hybrid vehicles charging stations: No
- 3.14. Number of working electric/hybrid vehicles charging stations: 0
- 3.15. If existing, how many of them are fast charging stations:
- 3.16. Presence of charging stations for electric/hybrid boats: No
- 3.17. Number of charging stations for electric/hybrid boats:
- 3.18. Are there any low-environmental impact boats? If so, provide a brief description of the type of boat and type of technology used
Recently there was a process regarding the operation of passenger boats and their impact in the environment due to their consumption of conventional fuels. They consume oil products- Diesel, mazout. I am not sure but I don't think that they converted the boats to consume gas, a more friendly fuel for the environment. As I read the recent publication it seems like they finally used a filter on the exhaust system and they kept the same fuel for operation as before.
- 3.19. Presence of bike paths: Yes
- 3.20. If existing, how many kilometers

In cooperation with the municipalities this can be answered more precisely.

- 3.21. Percentage of bike paths out of the total road network
- 3.22. Awareness-raising actions, incentives, benefits, laws, local regulations, etc. for the use of bicycles and/or electric vehicles: No
- 3.23. Other actions/activities/projects to promote sustainable mobility: (Yes/No) (If existing, provide a description of the type of action and attach any supporting documentation relating to each action described)

