

“Demonstrating resource efficient through innovative, integrated waste recycling schemes for remote areas”



Current actions for the Municipality of Naxos & Small Cyclades:
Local Communities of Koufonisi, Iraklia, Donousa and Schinoussa

- The Municipality of Naxos & Small Cyclades received the “Greening the Islands” award in the “waste” category
- Results from the prototype recycling unit’s operation in Small Cyclades since their initiation in 2018



Naxos
Municipality of Naxos and Small Cyclades

Municipality of Naxos & Small
Cyclades



ΔΗΜΟΣ ΑΡΧΑΙΑΣ ΟΛΥΜΠΙΑΣ

Municipality of
Ancient Olympia



National Technical
University of
Athens



Cartif Technological
Centre

The Municipality of Naxos & Small Cyclades received the “Greening the Islands” award

At the annual meeting of the organization Greening The Islands, held on 19 October 2019 in Palermo, Sicily, the Municipality of Naxos was awarded in the "Waste" category for the "Green Kiosk" initiative, developed under the PAVEtheWAYSTE program, concerning the installation and operation of four recycling units in Small Cyclades. The system has been adapted to meet the local area's needs and to produce high quality recyclable materials. The GTI global index constitutes a new way of evaluating the progress islands around the world are making over the environmental actions carried out by them.



For more information please visit the website:
<http://www.greeningtheislands.net/index.php/nproject/green-kiosk-an-innovative-recycling-system-naxos/>



Municipality of Naxos & Small
Cyclades



ΔΗΜΟΣ ΑΡΧΑΙΑΣ ΟΛΥΜΠΙΑΣ

Municipality of Ancient
Olympia



National Technical
University of Athens



Cartif Technological Centre

Project Results so far

The prototype recycling systems began to operate during the summer of 2018. Since then, they have made a significant contribution to the management of the Small Cyclades' waste, as they constitute the only recycling infrastructure found upon the islands that comprise the target areas.

More Specifically...

With the **recovery rate** exceeding **96 %** and the **compression rate** reaching up to **90 %**

- In **2018**, **10,4 tons** were collected
- In **2019**, **46,6 tons** were collected
- More than **60 tons** of recyclable materials have been collected **to date**



- Additionally, about **350kg** of materials from other categories have been collected, whose management is of salient significance
- The majority of these materials are **cooking oils** and **batteries**.

Baled materials ready for transport



Baled materials in a temporary storage area



Naxos
Municipality of Naxos and Small Cyclades

Municipality of Naxos & Small
Cyclades



ΔΗΜΟΣ ΑΡΧΑΙΑΣ ΟΛΥΜΠΙΑΣ

Municipality of Ancient
Olympia



National Technical
University of Athens

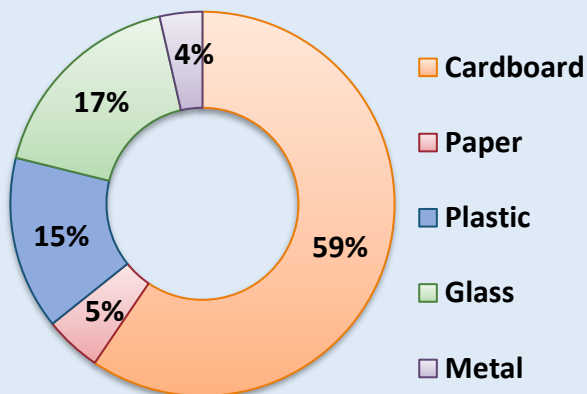


Cartif Technological Centre

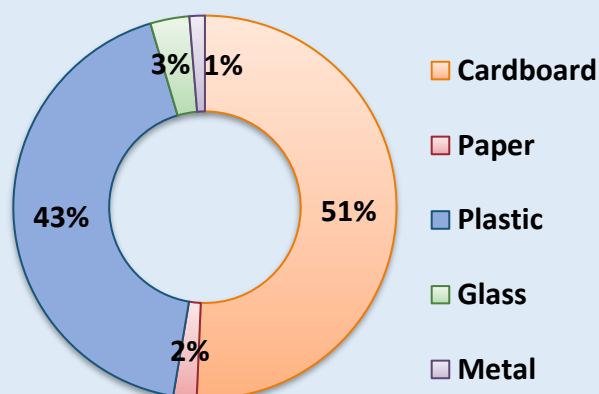
More analytically...

Below, the percentage distribution of the recycled materials collected by weight and by volume is presented. In addition, the percentage of recovery per material in the Small Cyclades as a whole, as well as the percentage of collection of special waste streams collected from the prototype recycling systems in the four islands are presented.

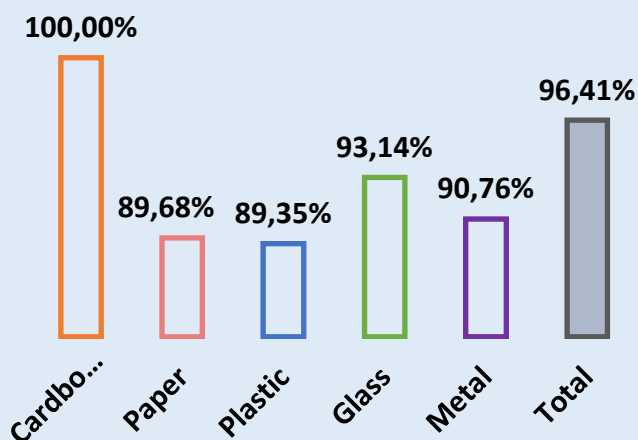
Percentage of recycled material collection (by weight)



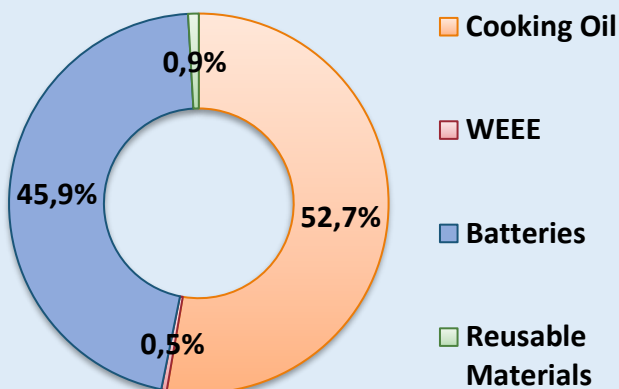
Percentage of recycled material collection (by volume)



Recovery rates by material



Collection rates of special waste streams



Naxos
Municipality of Naxos and Small Cyclades

Municipality of Naxos & Small
Cyclades



ΔΗΜΟΣ ΑΡΧΑΙΑΣ ΟΛΥΜΠΙΑΣ

Municipality of Ancient
Olympia



National Technical
University of Athens



Cartif Technological Centre

For further information on the project please visit the website:
<http://pavethewayste.eu/el/>

or contact **Mr. Nikolaos (Naxos Municipality)** at 2285360137,
nikon@naxos.gov.gr,

or **Dr. Dimitris Malamis (NTUA)** at 2107723085,
dmalamis@chemeng.ntua.gr .

Project Coordinator



Naxos
Municipality of Naxos and Small Cyclades

**Municipality of Naxos &
Small Cyclades**

Project Beneficiaries



**Municipality of
Ancient Olympia**

ΔΗΜΟΣ ΑΡΧΑΙΑΣ ΟΛΥΜΠΙΑΣ



**National Technical
University of Athens**



**Cartif Technological
Centre**

The project is co-funded by the LIFE program, the European Union's financial instrument for the environment and climate action.