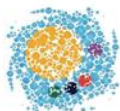


*“Demonstrating resource efficient through innovative, integrated waste recycling schemes for remote areas”*



Current actions for the Municipality of Ancient Olympia:  
*Local Communities of Ancient Olympia, Pelopio and Platanos*

Final results from the operation of the  
Green Kiosks at the municipality of  
Ancient Olympia for the entire  
demonstration period of the project



Naxos  
Municipality of Naxos and Small Cyclades

Municipality of Naxos & Small  
Cyclades



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## Completion of the demonstration period for the systems in the municipality of Ancient Olympia

The European project LIFE PAVetheWAYSTE was developed to facilitate recycling in the remote regions of the country and to strengthen decentralized waste management, thus contributing to the achievement of the objectives set by the European Union in the light of Circular Economy and Resource Efficiency and ultimately to the protection and upgrade of the environment of the project's action areas. The Green Kiosks in the three Local Communities of the Municipality of Ancient Olympia contributed to the improvement of the existing waste management scheme, promoting recycling and sensitizing citizens to support it. The five systems helped to strengthen Source Separation and the sense of individual and collective responsibility of the citizens towards the protection of the environment.

The prototype recycling systems were put into operation in the winter of 2019. Since then they have managed to collect over **8 tons** of high purity recyclable materials (>90%).



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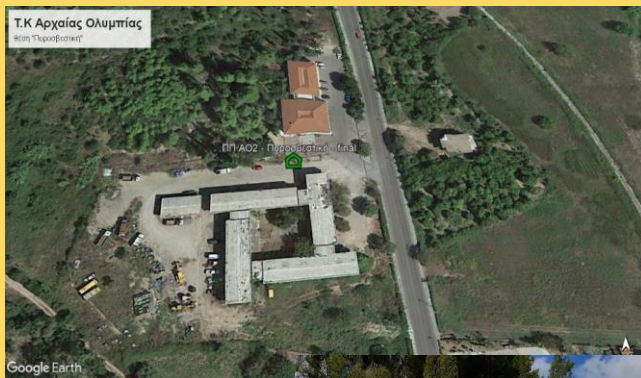
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## The Green Kiosks at the local community of Ancient Olympia



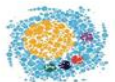
**High School**



**Fire department**



**Old town hall**



Municipality of Naxos & Small Cyclades

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## The Green Kiosks at the local communities of Pelopio and Platanos



**Pelopio**



**Platanos**



Municipality of Naxos & Small  
Cyclades

*Naxos*  
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Olympia



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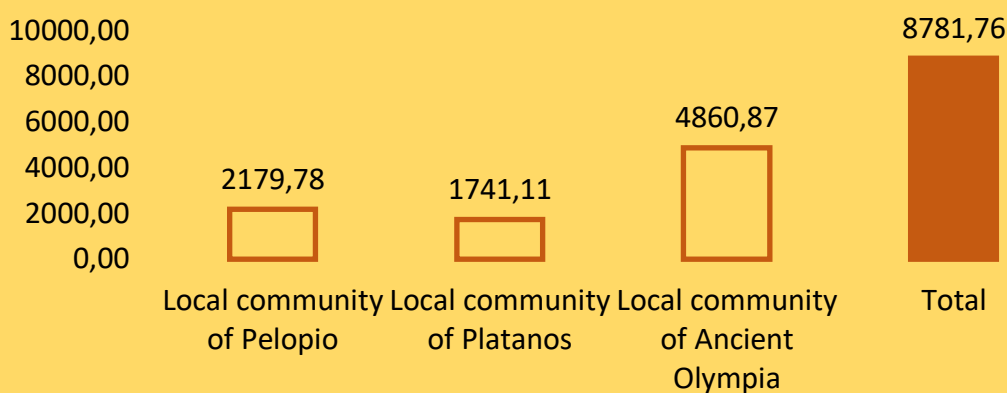


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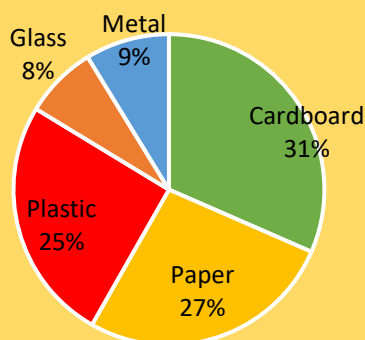
## Results from the demonstration period (12/2019 - 09/2021)

- More than **8 tons** of recyclable materials were collected
- Achieved a **purity level** of over 90%
- More than **95%** of all collected materials were recovered (i.e. the proportion of recyclable materials that are headed towards producing new products)
- Up to **90%** compression rate was achieved
- More than **13.5 tons** of carbon dioxide (CO<sub>2</sub>) were avoided

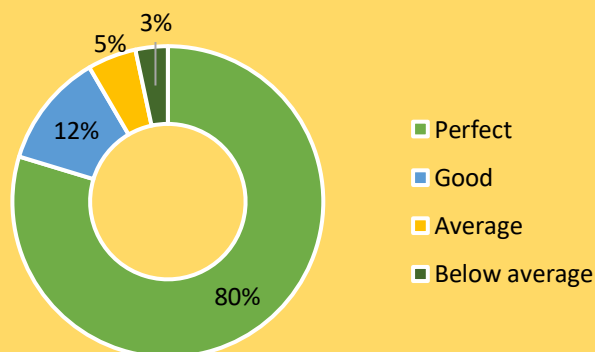
Collected Recyclable Material (tn) in all local communities



Percentage of recyclable material collected (by weight)



Quality of the recyclable materials collected



Municipality of Naxos & Small Cyclades



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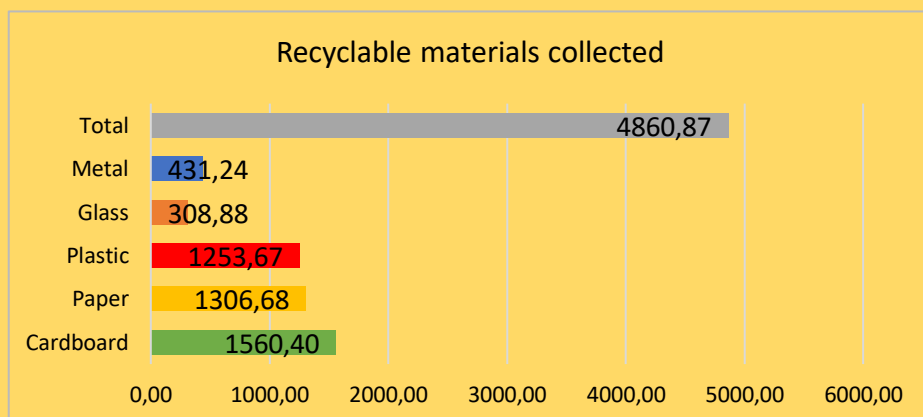


## Results from the demonstration period (12/2019 - 09/2021)

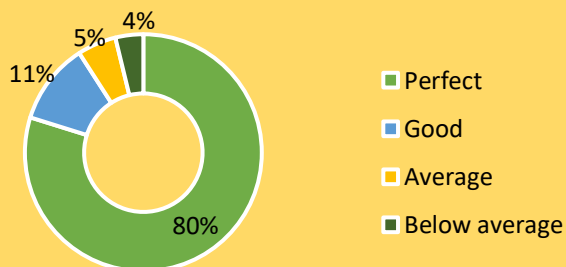
### Local community of Ancient Olympia



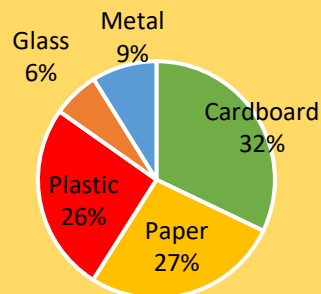
- ✓ Collection of more than 4.8 tons of recyclable materials
- ✓ Recovery rate above 94%
- ✓ Material purity above 90%



#### Quality of the recyclable materials collected



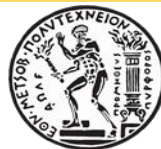
#### Percentage of recycled material collection (by weight)



Municipality of Naxos & Small  
Cyclades



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Olympia



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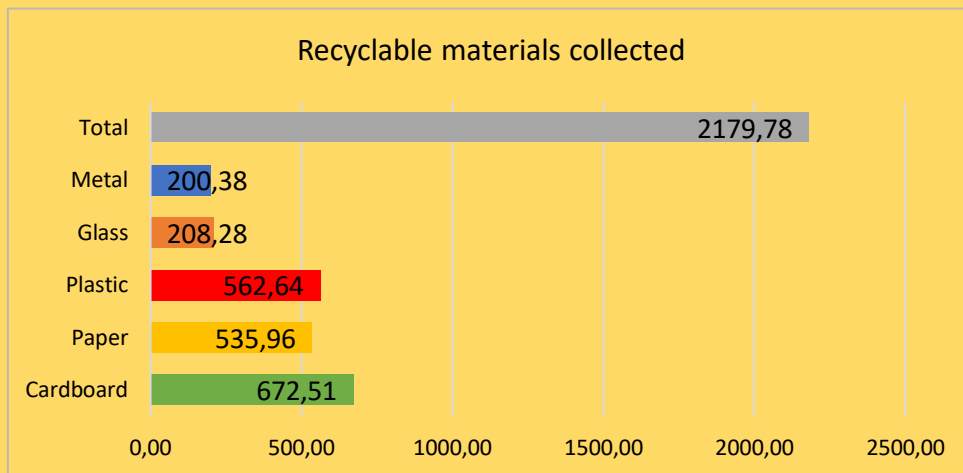
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## Results from the demonstration period (12/2019 - 09/2021)

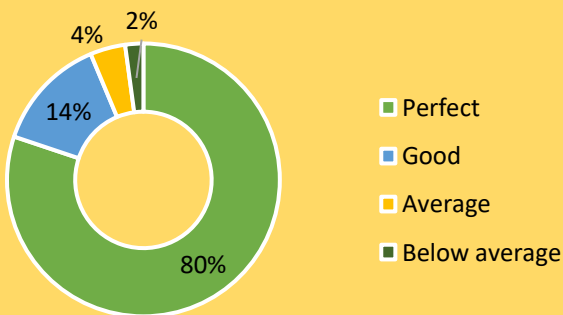
### Local community of Pelopio



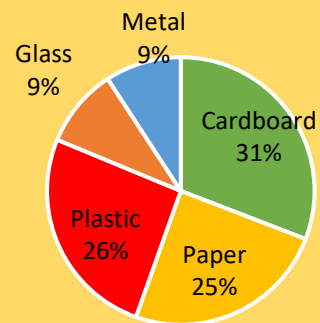
- ✓ Collection of more than 2.1 tons of recyclable materials
- ✓ Recovery rate above 95%
- ✓ Material purity above 90%



#### Quality of the recyclable materials collected



#### Percentage of recycled material collection (by weight)



**Municipality of Naxos & Small Cyclades**



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**Municipality of Ancient Olympia**



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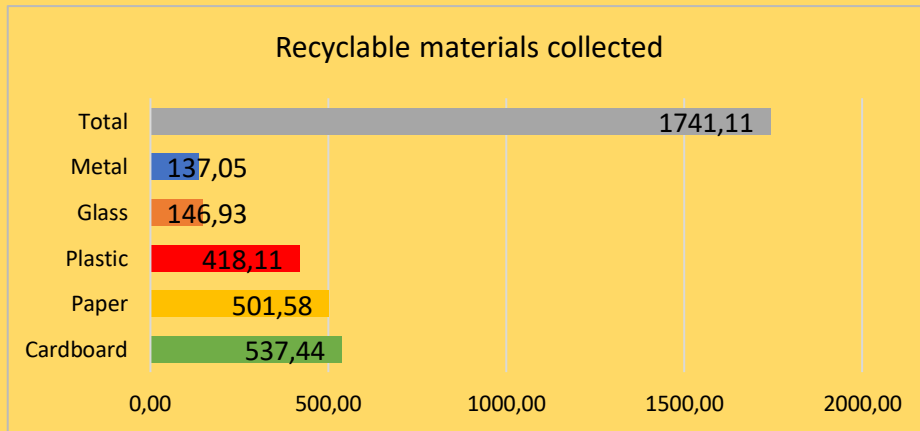
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## Results from the demonstration period (12/2019 - 09/2021)

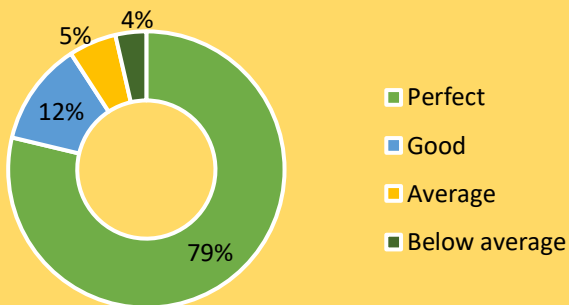
### Local community of Platanos



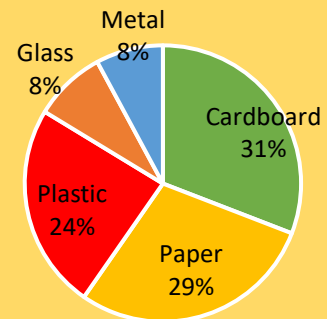
- ✓ Collection of more than 1.7 tons of recyclable materials
- ✓ Recovery rate above 94%
- ✓ Material purity above 90%



### Quality of the recyclable materials collected



### Percentage of recycled material collection (by weight)



Municipality of Naxos & Small  
Cyclades

Naxos  
Municipality of Naxos and Small Cyclades



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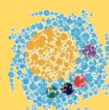


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For further information on the project please visit the website:  
<http://pavethewayste.eu/el/>  
or contact **Dr. Dimitris Malamis** at 210 7723085 and  
[dmalamis@chemeng.ntua.gr](mailto:dmalamis@chemeng.ntua.gr)

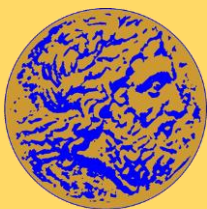
### Project Coordinator



*Naxos*  
Municipality of Naxos and Small Cyclades

**Municipality of Naxos &  
Small Cyclades**

### Project Beneficiaries



**Municipality of  
Ancient Olympia**

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