

# Newsletter 2

"Utilising Pay As You Throw Systems and Autonomous Composting Units for Biowastes Management in Touristic Areas (BIOWASTE)"  
a project co-funded by the European Union and National Funds of the participating countries

## In this issue

In the framework of the BIOWASTE project, each municipality will install **Autonomous Composting Units (ACUs)** to receive the bio-waste produced directly without the need to collect them. ACUs are small closed integrated composting units, with zeroing of effluent and expanding liquids.

In this issue we will present the specific areas that **ACUs** will be installed in the three partners municipalities.

## Quick Reminder

**BIOWASTE** project is a solid wastes source separation scheme, aiming mostly in the hospitality industry, as well as, small and decentralized communities, which organic wastes are in its core, with their onsite treatment to play an important and key role. It is implemented in the framework of **Interreg Balkan-Mediterranean** Programme.

Project Partners are:

### Lead Partner



Municipality of Katerini,  
GREECE

### Partners



Municipality of Probstip,  
F.Y.R.O.M.



Municipality of Yermasoyia,  
CYPRUS



Technological Educational  
Institute of Crete -  
Educational and Research  
Committee  
GREECE

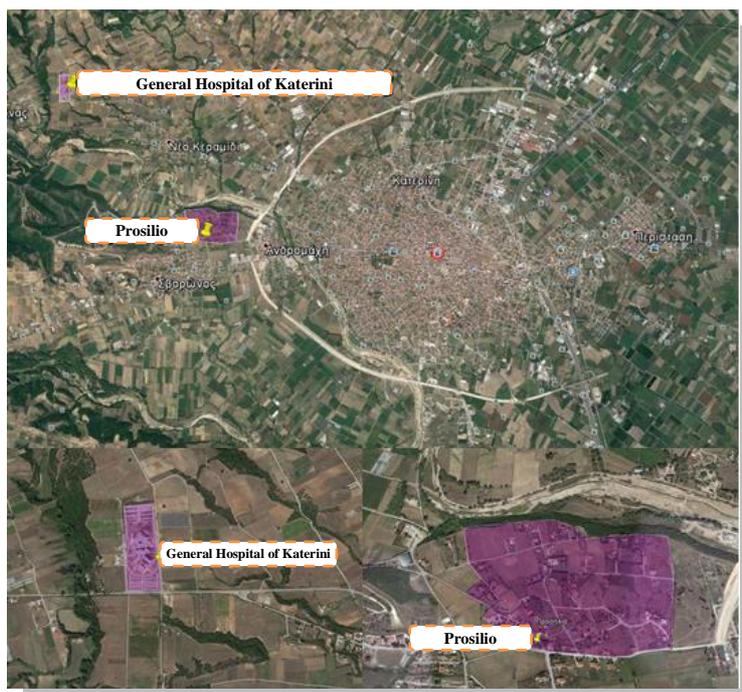


University "Goce Delcev"  
F.Y.R.O.M.

[www.biowaste-balkanmed.eu](http://www.biowaste-balkanmed.eu)



## Municipality of Katerini, Greece



The project team of Katerini Municipality, in collaboration with the project team of Technological Educational Institute of Crete - Educational and Research Committee- which had set the criteria for the selection of the areas, resulted in the selection of the locations for the establishment of the ACUs. For the Municipality of Katerini, two areas were selected which have different characteristics and are considered representative for the Municipality:

- ✚ 1<sup>st</sup> Area: Prosilio Community (within Municipal Community of Svoronos), a small residential community where a Residential Care Home for Elderly People, a meal preparation unit for impecunious citizens and a youth hosting unit, operated by the Church, are established
- ✚ 2<sup>nd</sup> Area: General Hospital of Katerini

The interest of the inhabitants/responsible persons of these areas played also an important role in the selection process. Therefore, for the selection of the 1<sup>st</sup> area the representativeness of the area was a main criterion based on the average population density and the average standard of living. The main criterion is that Prosilio is a decentralized community. Moreover, it was considered appropriate to select an area in which, apart from the residential buildings, source points of quite important quantities of bio-waste production exist (Residential Care Home for Elderly People, meal preparation unit, youth hosting unit).

The main selection criterion for the 2<sup>nd</sup> area, a health facility, was the fact that there is a significant production of biowaste due to the hospitalization of patients and the vast availability of recyclable packaging materials.



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## Municipality of Probistip, F.Y.R.O.M.

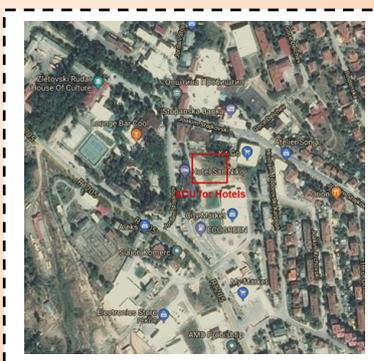


The municipality of Probistip will install 3 Autonomous Composting Units (ACUs).

- ✦ One ACU will be located in the city center and it will be used to compost the biowaste from the hotels and restaurants.
- ✦ Two ACUs will be installed in the decentralized settlement Kalnishte.

### ACU for Hotels

This autonomous composting unit is planned to be installed on a location in the central city area with cadastral number: KP 1018/96 IL 5278, near the city market. In the immediate vicinity are the hotels “San Niko” and “Creshovo Topche”, which are also the largest hotels in the municipality.



### Location Kalnishte 1

Kalnishte 1 (Cadafter no.: KP 1732/1; PL 20), is located in the settlement Kalnishte (place called Kamenjar) next to a basketball court. At this location, installation of ACU is planned to serve 50 citizens living in the immediate vicinity.



### Location Kalnishte 2

Kalnishte 2 (Cadafter no.: KP 1470/122; PL 5919), is located in the settlement Kalnishte, near the elementary school “Nikola Karev” and residential buildings. At this location, ACU is planned to serve 30 citizens living in the immediate vicinity.



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## Municipality of Yermasoyia, Cyprus

For the Municipality of Yermasoyia, two areas were selected which have different characteristics and are considered representative for the Municipality. An important role here also played the interest of the inhabitants/responsible of these areas.

### 1<sup>st</sup> Area, "Chalomandres – Columbia"

- Area 1: Diamesou Street,
- Area 2: Eressou Street,
- Area 3: Kykladon Street.

### 2<sup>nd</sup> Area, Miramare Hotel, 11 Amerikanas Str., Yermasoyia Municipality.



Therefore, for the selection of the 1<sup>st</sup> area "Chalomandres – Columbia" the representativeness of the area was a main criterion based on the average population density and the average standard of living. The main criterion is the presence of at least 50 households at each area (three different places were selected) and the free space available for the establishment of the ACU of at least 20 square meters.



Photos from the 3 Parks that we will install the ACUs for the citizen

Moreover, the selection criterion for the 2<sup>nd</sup> area was the existence of a hospitality unit. So a 4 star hotel was selected with approximately 1.100 meals per day and the free space available for the establishment of the ACU of at least 150 square meters.



Photos from the Hotel that we will install ACU

## Project Progress



Meeting in Heraklion, Greece

### Project Meetings

Two project meetings were organized during this period (after the 1<sup>st</sup> newsletter). The first one was held in Heraklion, Crete, Greece, organized by partner Technological Educational Institute of Crete - Educational and Research Committee and the second one in Probstip, F.Y.R.O.M., organized by partner Municipality of Probstip. Both were focused on managerial/financial aspects of the project but, mainly, on the ACUs technology, positioning and tendering processes.



Meeting in Probstip, F.Y.R.O.M.