

WASTEMAN Newsletter #4

Integrated Sustainable Waste Management Systems decreasing pollution discharges in the South Baltic area

Hello hello!

Nowadays it is difficult for us to meet you in person, but we do everything you need to participate with us in our project activities. We organized educational events during the pandemic. You will also see what our research look like. We invite you to read more!



Ecological picnic in Lubań

On October 20, 2021 in Lubań was held an ecological picnic was held to increase awareness of municipal waste management, including reducing the amount of waste generated and the principles of its proper segregation.

Children from the Nowa Karczma commune participated in the picnic. The meeting started at the Primary School in Lubań, where the animators, as characters from "Sesame Street", educate children of the need to segregate waste and care for the surrounding environment in the form of a game. Children actively participated in the game, during which they had to properly sort the rubbish.

Then, everyone went to the educational path, where a meeting with the Head of the Nowa Karczma Commune, Andrzej Pollak, was held. Competitions related to the correct segregation of waste were carried out.

Mr. Andrzej Pollak discussed in detail the need for proper waste segregation and circular economy, which is aimed at minimizing the deposited waste. At the end, the children were given prizes.

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Photo 1. Workshop with children in school.



Photo 2 Workshop with children at educational path.

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Usage of effective microbe-modified organic fraction of MSW as fertilizer under winter conditions

The green areas in cities and urban areas are becoming a higher concern for city planners, urbanists and local authorities as progressing climate change induces new actions towards better rainwater infiltration, circulation as well as the comfort of the local city climate. In parallel the quantity of solid biowaste remains at a high level. In Poland, in 2018 approximately 3.5 million tonnes of biowaste is available for novel management techniques, one of which may be Effective Microbes (EM) modification of the organic fraction of municipal solid waste (OF-MSW) and production of fertiliser for urban green areas.

Researchers from IMP PAN prepared a report on the use of an effective organic fraction modified with MSW microbes as a fertilizer in winter conditions.

The report is available on the website. We invite you to read!

Eco-workshops for children

Tauragė district municipality administration organized 3 eco-workshops for children. All three events were held on 20th September. The educational events were held in Tauragė in kindergarten "Star", in kindergarten "Kodėlčius" and in kindergarten "Oak".

All 3 events were planned in groups of about 10-15 children.

Before the educational events Ieva Budraitė Deputy Director of the Institute for Green Policy met Tauragė TV where she answered various questions about climate change and the circular economy (interview: <https://www.youtube.com/watch?v=TXRkGKZ5hlw&t=651s>)

CONTACT INFORMATION

The Szewalski Institute of Fluid Flow Machinery
IMP PAN (Lead Partner)

Ul. Fiszera 14
80-231 Gdańsk, Poland

Prof. Adam Cenian
Lead Partner Coordinator

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Phone: +48 585225-276

E-mail: cenian@imp.gda.pl

MarcinPiasecki

Project Manager

Phone: +48 605288500

E-mail: mpiasecki@imp.gda.pl

www.imp.gda.pl/wasteman

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