



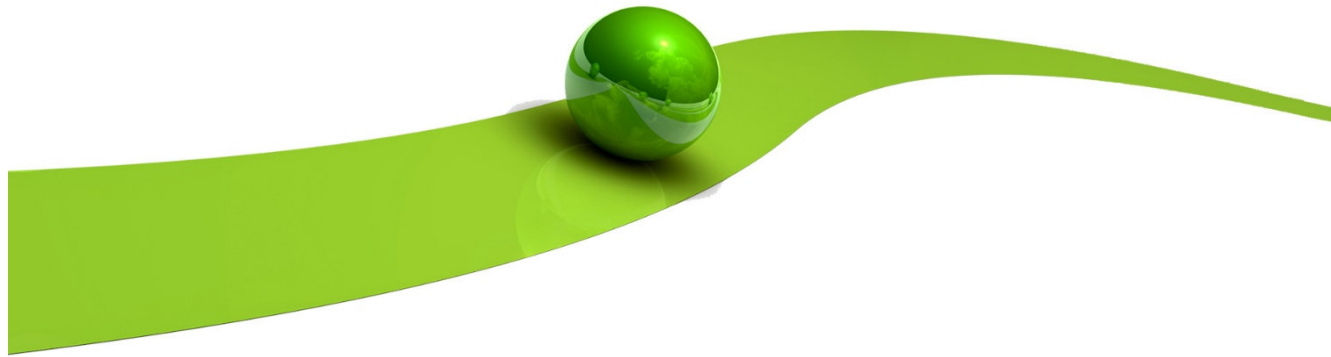
Plattform Umwelttechnik e.V.

- a strong network for the environment -

Plattform Umwelttechnik in a strong connection with the



Landesverband der Sächsisch-Württembergischen Industrie e.V.



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Mission and objectives

- the Plattform Umwelttechnik is an association of companies, universitys, research institutes, institutions and users of environmental technology in Baden-Wuerttemberg.
- in addition to marketing, advocacy and services for the members, the Plattform Umwelttechnik promotes the cooperation between research & development, production, plant engineering, engineering services and internationalization.



**Plattform
Umwelttechnik**

Our members





Our activities

- continuous market informations
- Mediation of contacts and contact persons
- Organization of events
- Support of projects and cooperations
- Cooperations in working groups and consortium of bidders
- regional and international projects
- foreign trade measures, for example trade fairs and B2B-Meetings
- Acquisition of funding



EUSDR-Project Baden-Wuerttemberg - Hungary

- Framework EU-Strategy Donauraum (EUSDR)
- „Communicatively, organizationally, technologically and economically problem solutions for the utilisation of biowaste“
- Partner:
 - *Baden-Wuerttemberg:*
 - AWIPLAN-PPD GmbH, Filderstadt
 - Biodegma GmbH, Ludwigsburg
 - University of Applied Science Esslingen
Faculty Building Services, Energy, Environment
 - *Hungary:*
 - NHSZ Miskolc Kft.



Reason

- NHSZ Miskolc Kft. called attention about the Plattform Umwelttechnik by the mixed Government Commission Baden-Wuerttemberg – Hungary.
- NHSZ Miskolc Kft. has asked for support the Plattform Umwelttechnik for the topic of production of compost from biowaste, which is free of foreign substances.
- the Plattform Umwelttechnik has refered this request to it's members.
- the members AWIPLAN-PPD GmbH and Biodegma GmbH have shown interest.



Situation

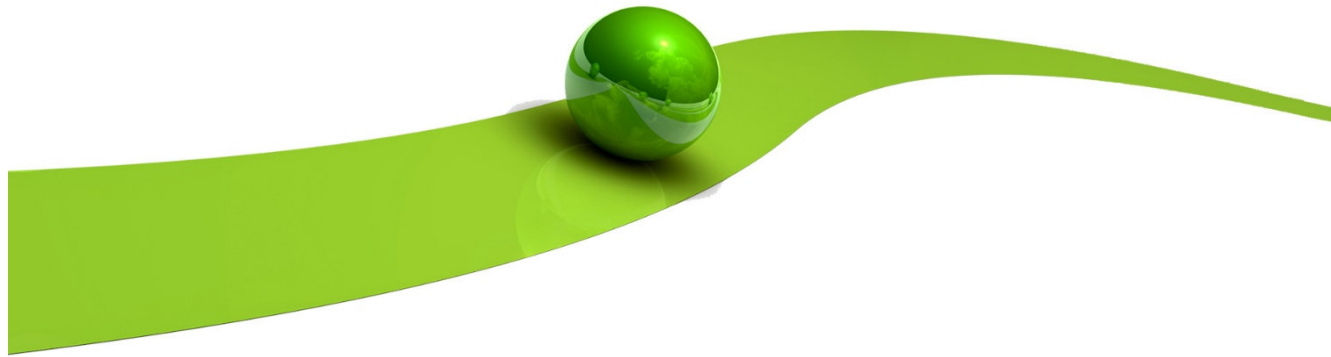
Hungarian Waste Management Act from 2012:

- sets the waste management objectives and general principles with the goal of a careful treatment and sustainable usage of natural resources.
- approximately 30% of the yearly produced solid municipal waste is biological organic material.
- the hungarian waste management is committed to encouraging the population to separate green waste.
- although collected separately, the green waste contains foreign substances (e.g. glass, plastic and metal) which are not degradable in the composting process.



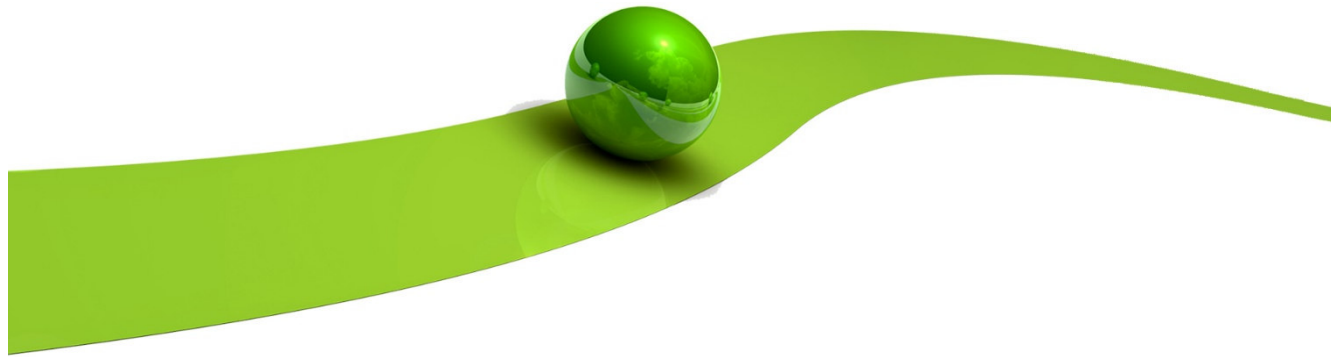
Situation

- green waste is often provided in hardly degradable plastic bags instead of the specially offered green waste bags.
- the elimination of the foreign substances in the green waste and therefore in the compost is a major problem.
- you can not solve the problem with state of the art technology without high costs.
- the quality of the compost is low due to the large number of foreign substances and it ends up in landfills as cover material;
- the utilisation of the organic waste in this case can not be part of the environmental protection.



Objectives of the cooperation

- finding a workable solution to the difficulties described in terms of the separation and removal of foreign substances from compost;
- Introduction of organisational quality improvement measures in Miskolc – and downstream in entire Hungary;
- Development and definition of appropriate measures in the field of communication to improve the daily (public) work of composting plant operators;
- technical dialogue that compost will be of better quality in the future and can be used in larger quantities for horticultural or agricultural exploitation.



Release of the results

- Information materials in an appropriate form to provide facts and results to other interested parties and stakeholders in waste recycling
- Content and visual design of the results in internet-enabled formats
 - Results report as short and long version
 - in Hungarian, German and English
 - setting on the homepage of the Plattform Umwelttechnik
 - Connections of the participating institutions and companies in Hungary and Baden-Wuerttemberg



Recognizability of the project

- today's workshop for the technical participants followed by an evaluation;
- Involvement of the National Waste Management Authority (NHKV) and the relevant ministry;
- Furnishing of a supra-regional character and an appropriate importance of the project to the target groups:
 - Public-law waste producers,
 - Local government,
 - Officials,
 - Waste Management companies, Operators,
 - Representatives of the 21 waste regions from Hungary.



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