

Seminar Biowaste Sofia2013, 17-19 April 2013, Bulgaria
[P26-en] Short country presentations about the situation in Greece:
 Athena Bourka, Christos Venetis, *EPTA Environmental Consultants Engineers S.A , GR*

"Implementation of Organic Waste Management in Southern and Eastern European Countries" – Status, challenges and solutions - Seminar & workshop 17 - 19 April 2013 - Sofia, Bulgaria




Biowaste management in Greece : Athens Biowaste case study
 Athena Bourka, *Chemical Engineer MSc*
 Christos Venetis, *Waste management Engineer*
 EPTA *Environmental Consultants Engineers S.A.*



EU Directive 2008/98 in Greece

- Has been transposed in 2012 → LAW 4042/2012
 - same points as Directive
 - sets targets for separate collection
 - 5% by weight - 2015
 - 10% by weight - 2020
 - sets landfill tax for untreated biodegradable and mixed waste
 - 35€ per tn of biodegradable waste from 2014
 - 5€ every next year up to 60€
- Revision of National Waste Management Plan (in progress)
- Revision of all Regional Waste Management Plans (2014)



Municipal Solid Waste Management in Greece
Current Status

- 2 existing MBT plants for mixed waste (Attica, Crete)
- Currently 12 PPP tenders for new treatment plants in progress (mixed waste & source separated biowaste) – capacity (50.000 – 700.000 tn/yr)
- More than 10 small composting plants for biowaste are to be procured next 2 years (especially in islands) – capacity up to 10.000 tn/yr

PPP projects are 40-60% co-funded by EU Structural and National Funds
 Smaller plants are 100% funded by EU Structural and National Funds



Separate Collection of Biowaste in Greece
LIFE Athens Biowaste Project

- Pilot separate collection of biowaste in the greater Athens area covering 6000 inh.
 - 2 neighborhoods - City of Athens ≈150 inh/ha
 - 4 neighborhoods - M. Kifissia ≈40inh/ha
- Biowaste to be treated in the MBT plant in Athens
 - directly in the composting unit
 - not mixed with other waste



Co-funded by European Commission



Separate Collection of Biowaste in Greece
How it works

- Athens – central bins
- Kifissia – door-to-door
- Equipment:
 - Kitchen caddies & biodegradable bags
 - Bins 30-50lt / 120-240lt for each house in Kifissia
 - Bins 660lt for Athens
 - Dedicated Vehicle







Separate Collection of Biowaste in Greece
What we expect next?

- Expansion of the pilot in other Municipalities in Attica Region, utilizing existing MBT plants
 - Next week an invitation by O.P. Environment : 20mil. € for separate biowaste schemes and small composting plants
- This experience will be incorporated in a National Guide, also available in English (to be distributed to European Compost Network)
- In other areas of Greece, separate collection will start in 2014 after small composting plants have been finished



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For more information
www.biowaste.gr



or contact us
aboutka@epta.gr - cvenetis@epta.gr

