



DOKUZ EYLUL UNIVERSITY, IZMIR, TR
FACULTY OF ENGINEERING

DEPARTMENT OF ENVIRONMENTAL ENGINEERING



WASTE-6-2015: Promoting eco-innovative waste management and prevention as part of sustainable urban development

b) Eco-innovative strategies

WASTE-7-2015: Ensuring sustainable use of agricultural waste, co-products and by-products

11 Laboratories in the Department

- Solid Waste and Soil Contamination Lab (**SoLAB**)
- Environmental Biotechnology Lab
- Environmental Microbiology Lab

- Well developed **lab infrastructure** for the measurements and tests
- «**Scientific Research**» and «**Project**» experience - private and public institutions
- Joint research availability with **Municipalities** and **SMEs**
- Partnering availability with Northern Africa, Middle East, China, Independent States, and other Asian Countries

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WASTE-6-2015-b: On-site sampling/characterization, pilot studies, questionnaires, statistics, public participation, influences of gender, income and age, street scavengers, LCA, large household waste, evaluation and development of legislations, trainings, citizen panels, conferences.



WASTE-7-2015: Aerobic and anaerobic biochemical conversion of agricultural waste from plant and livestock production, compost&methane production, product quality, Carbon sequestration in soil, EIA, cost reduction&yield improvement in bioconversion technologies AND production of chemical building blocks and valuable molecules from plant production waste (wine, olive, herbs, etc.)

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