

TECO Mobility grant

Technological Eco-knowledge Exchange regarding decontamination of soils and groundwater, intensified implementation analysis and case solution networking

Beneficiary of the grant- Dr. Hannes Neugebauer

Home Institution/Company (EU)- (private initiative)

Host Institution/Company (INDIA)- Anna University, Guindy, Chennai 600025, India

Period of the stay in India- 30/07/2018 – 17/08/2018



TECO Project

Technological ECO-innovations for the quality control and the decontamination of polluted waters and soils

Tel: +39 06 9067 2540

E-mail: teco.challenge@gmail.com

Website: www.tecoproject.eu

Objective of the project

- Exchange of knowledge and applied technologies
- Theory and practicability, respecting the local frame conditions
- Improving awareness for the correct handling of soil and groundwater contamination, implementing case studies
- Explaining step-by-step approach finally leading to remediation
- Exchange on modern sampling methods of soil, soil air and groundwater
- Reaching out and networking with various stakeholders



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Activities carried out during the period of the grant

- Seminars on brownfield handling with step-by-step approach, the two case studies, modern sampling methods, groundwater alert systems
- Field visits to research sites in Ponneri and Pulicat area
- Environment hazard awareness survey on 2nd year MSc. students (geology)
- Reaching out and networking meetings with various stakeholders from private and public sector



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Main outcomes

- Education and science: Raising the level of awareness of groundwater and soil contamination and its implications, technically and legally
- Indian local infrastructure is ready for site assessment and remediation, limitation is lack of competitive high quality labs, still individual case approach is reasonable
- Great response from networking meetings with stakeholders that is leading to further follow-up activities
- The necessity to develop some research to finally establish systematic guidelines for soil and groundwater pollution assessment has been acknowledged



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