



SWAP

Sustainable solid WASTE management and Policies

MILESTONE ACHIEVEMENT REPORT

WP2

Project Acronym	SWAP
Work Package	WP2
WP Leader	EUROTraining (P4)
Date	20/12/2023
Place	Athens, Greece





WP objective:

WP2 aimed at:

- creating tailored educational products, by developing country-specific curricula and modules in sustainable waste management, utilizing insights from WP1 and considering local specifics of partner universities.

Planned completion date: 15/03/2021

Actual completion date: 01/12/2023

Short description of the activities, which had led to the achievement of the milestone:

The following summary captures the key activities undertaken in WP2:

1. **Workshops and Collaborative Design of Educational Products:** The first milestone was achieved through the organization of two pivotal workshops. These workshops facilitated close cooperation between Asian and European partners, focusing on the development of new modules and curricula in sustainable solid waste management and policies. The structure and expertise level of these educational products were defined during these collaborative sessions.
2. **Study Visits for Practical Insights:** Complementing the workshops, study visits to various waste management facilities, technology suppliers, and planning and design offices in Italy and Hamburg were conducted. These visits provided practical industry insights, linking the educational content to real-world industrial problems and working conditions, thus contributing significantly to the development of relevant and practical educational products.
3. **Translation of Educational Materials:** The second milestone involved the delivery of the newly developed educational materials to Asian partners for translation. This step ensured that the content was accessible and understandable to all participating institutions, catering to the linguistic diversity of the partner countries.
4. **First Train-the-Teacher Session:** This included organizing the first train-the-teacher session, involving two teachers from each European Higher Education Institution (HEI). Three workshops were delivered by European universities (TUHH, POLIBA) and European VET organizations (IFOA, EUROTRAINING), covering key topics in waste management. This training was essential for preparing academic staff to effectively teach the new content.
5. **Monitoring and Second Train-the-Teacher Session:** A second train-the-teacher session was organized by TUHH. This session addressed the gaps identified during the first monitoring phase and was complemented by study visits to recycling plants, involving staff and selected students.
6. **Piloting and Continuous Improvement:** All partner HEIs conducted departmental preparatory activities to pilot the new courses/modules during the summer period. This



allowed for the initial evaluation and necessary improvements based on the feedback received.

7. Accreditation and Certification Efforts: Throughout the WP, efforts were made for the accreditation or certification of the new or adapted courses. This included continuous monitoring and enhancement of the courses to align with academic and industry standards.

List of deliverables/outputs/outcomes produced (according to the Logical Framework Matrix):

D2.1: Modules to be developed for academia

D2.2: Teaching material on Sustainable Solid Waste Management for academia

D2.3: Improvement of the developed academic educational products

Impact on the project progress:

WP2 had three milestones:

- **M2.1 Delivery of the teaching material**
- **M2.2 Seminar for academic staff training**
- **M2.3 Successful pilot semester**
- **M2.4 Successful accreditation process.**

Suggested adjustments, e.g. changes introduced (if applicable):

Nothing to report

Deviations in the achieved results in comparison to the initial plan (if applicable):

During the implementation of this work package, the need to extend the completion period arose, as some of the partners needed more time to develop their courses.

Unexpected obstacles and threats (if applicable):

The obstacles encountered during implementation were language difficulties, which led to different perceptions regarding the implementation and development of the deliverables, and some differences in the Asian partners' ability to deliver the deliverables on time, possibly due to different working cultures or different perceptions of how the work should be developed.

Additional comments:



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Nothing to report