Work Package 4: Pilot training with evaluation of the prepared didactic-training materials, methodology

Work package no. 4 (WP4) is one of the key ones in implementing the planned project. Within WP2, the teaching methodology needs and tasks T2.2 and T2.3 will be identified. The didactic-training materials will be developed as part of WP3, while in this package, they will be tested, verified, and evaluated during pilot training.

WP4 is divided into two tasks:

- T4.1 Pilot training in Croatia (Zagreb)
- T4.2 Pilot training in Germany (Weimar)

The main goal of this work package is to verify the prepared didactic-training materials developed under WP3 and the methodologies developed under WP2. Recommendations for modification of the developed materials will be an important element of this task.

The main goal will be achieved through the implementation of specific objectives:

- recruitment of employees from road authorities, auditors and road safety inspectors,
- selection of pilot training participants based on developed criteria,
- conducting a pilot training of participants with the use of the developed didactic-training materials and developed methodology,
- assessment and evaluation of the developed materials and methodologies,
- development of recommendations for necessary changes in materials and methodologies.

The number of participants at each training will be 10-15 participants, and the duration of the training is five days. In WP4, three target groups can be distinguished:

1. Civil and transportation engineering students from all over Europe,
2. Employees of national, local government and regional road authorities and traffic engineers from all over Europe,
3. Auditors and road safety inspectors.

Implementing the assumed works in this package will allow for the verification and evaluation of the prepared didactic-training materials, which will be the basis in the educational process of the above-mentioned target groups. This will allow for the implementation of the main goal, which is to improve the competencies and skills of road authority employees, auditors, and road safety inspectors and to acquire knowledge from students.

The main result of the work package will be the recommendations of necessary changes in the didactic-training materials implemented under WP3 (actions T3.1 - T3.6) and methodologies developed under WP2 (T2.2 - T2.3).

To assess the qualitative and quantitative achieved goals of the package, the following measures will be used to check the values with those assumed in the project:

- training budget: the estimated amount €1000,
- travels of training participants from the countries of the project partners: the estimated amount of 29000€,

- the number of trained participants: estimated 10-15 people would be trained at each training, 20-30 people in total,
- the number of prepared reports with recommendations for changes in the didactic-training materials and methodologies: estimated one report for WP 3 and 1 report for WP2,
- assessment of the quality of the conducted training based on anonymous surveys of participants.

Verification method of assumed indicators:

- invoices for the organisation of training,
- documents confirming the travel of project participants: flight tickets, hotel invoices, other documents confirming the use of funds,
- list of participants taking part in the training,
- database of surveys evaluating the results of the training,
- report summarising the pilot training.

The report summarising the pilot training in Croatia and Germany will include the duration of the training, the issues discussed, the number of trained employees from road authorities, road safety auditors and inspectors, students, the scope of the presented didactic-training materials, methodologies, recommendations for WP2 and WP3.

The quality of the achieved results will be assessed based on the internal evaluation of the project's Steering Committee.

The lead institution for the entire work package (BUW) will be responsible for overseeing the pilot training, collecting the results of their evaluation and developing their results. The T4.1 Task Leader will be UZ and T4.2 BUW. All project partners will participate in the planned training.

The work will be divided among all consortium participants and will include:

1. development of training schedule,
2. preparation of a detailed survey evaluating the conducted training,
3. conducting the training,
4. development of reports describing detailed training results,
5. preparation of recommendations for necessary changes in the didactic-training materials for tasks implemented under the WP3 package,
6. preparation of recommendations for necessary changes in the developed methodology under the WP2 package.

Scheduled online project meetings will allow all partners to cooperate on the elements listed above. Work on implementing individual tasks will be assigned to individual people participating in the project. Task Leaders and Work Package Leaders will keep track of progress. A detailed schedule of tasks will be defined as part of the preliminary work.

Tasks description

The T4.1 task will consist of a 5-day training in Zagreb, Croatia. The offer is addressed to three target groups:

- civil and transportation engineering students,
- employees of national, local government and regional road authorities,

- auditors and road safety inspectors

Attendance of 10 academic teachers from each university participating in the project and two from universities organising the training. The expected number of trainees is 10-15 people.

The T4.2 task will consist of a 5-day training in Weimar, Germany. The offer is addressed to three target groups:

- civil and transportation engineering students,
- employees of national, local government and regional road authorities,
- auditors and road safety inspectors

Attendance of 10 academic teachers from each university participating in the project and two from universities organising the training. The expected number of trainees is 10-15 people.

One-week training sessions in Croatia and Germany will allow participants to broaden their knowledge in this field and learn about the software used for road safety analyses on the road network. As part of the pilot training, stationary and field classes are planned on selected sections of roads and streets. The training also includes laboratory classes and workshops. This will let participants get acquainted with the prepared package of didactic-training materials and the developed methodology.

Reaching the planned milestone, the completion of the pilot training, as part of WP4: M3, will be the criterion for assessing the progress and implementation of the project's work.

The result of the implementation of M3 will be:

- recommendations for the didactic-training materials implemented under the WP3 package,
- recommendations for the developed methodology under the WP2 package

Annexes 3—Visual presentation of work packages and tasks—and 4—Logical work matrix provides detailed correlations between tasks and work packages.

Tasks T4.1 to T4.2 will bring the following results:

- R4.1 Recommendations for necessary changes in the didactic-training materials (Tasks T3.1 – T3.6 under the WP3).
- R4.2 Recommendations of necessary changes in the methodology of developing the innovative didactic-training materials (T2.2) under the WP2.
- R4.3 Recommendations of necessary changes in the developed methodology of the systemic approach to RISM at the strategic, regional and local levels (D2.3) under the WP2.
- R4.4. Improving the NRWSA competencies of pilot training participants.

The results will be prepared as a report in English (pdf, docx).

As part of the implementation of the tasks, the following number of participants is planned:

- Task T4.1 - 12, 4 (GUT), 2 (UZ), 2 (BUW), 2 (LU), 2 (UC).
- Task T4.2 - 12, 4 (GUT), 2 (UZ), 2 (BUW), 2 (LU), 2 (UC).

As part of the implementation of the tasks, the following number of trainees is planned:

- Task T4.1 – 10-15 participants.
- Task T4.2 – 10-15 participants.

The profile of participants includes people implementing the project and participants of the training:

- civil and transportation engineering students,
- employees of national, local government and regional road authorities,
- auditors and road safety inspectors