

# D.T4.3.1 - REPORT ON TRAININGS ON UEA BASED ON MANUAL AND HANDBOOK \_SUMMARY

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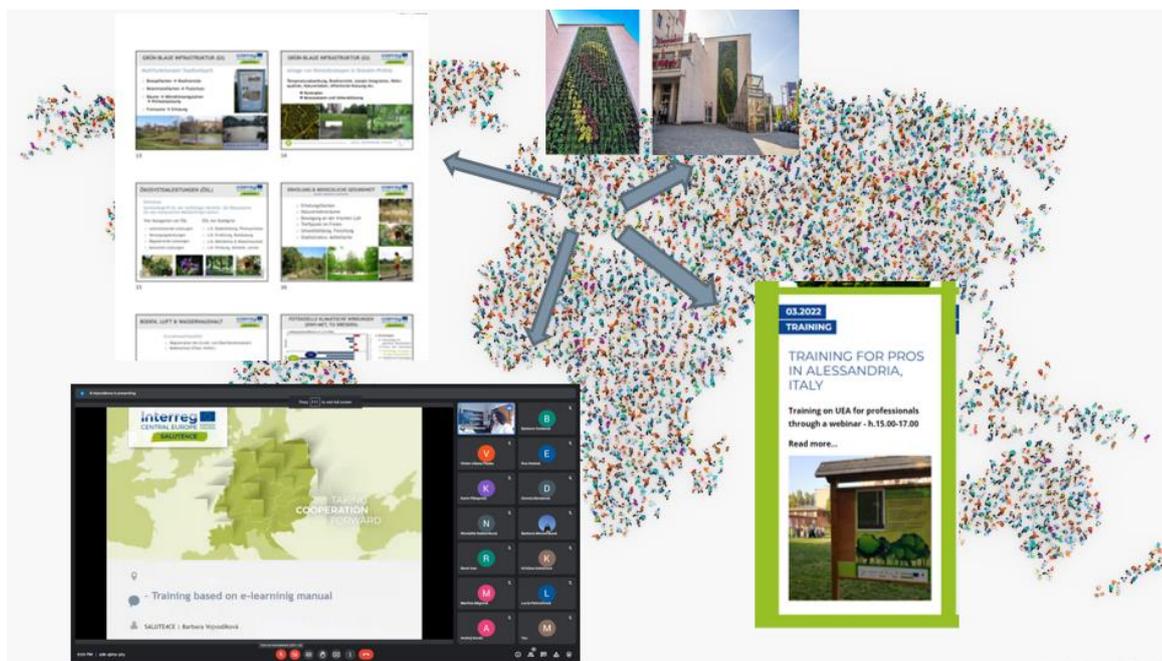
D.T4.3.1

VERSION 1.0

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Trainings were organized in 4 (5) project countries concerning practical use of the tools elaborated in WP T4.



It was

Intended to perform 4 trainings in 4 project countries. During these trainings the whole education process based on the e-learning tool and handbook should be performed. Finally, the participants were asked to pass all the steps of e-learning course and to fill in the test and get certificates. Trainings should be addressed to professionals in administration and research in the field of environment and urban planning.

Training methods varied by country, participant and pandemic-related opportunities

## 1. Germany

In Germany the training on handbook and e-learning manual was organised in close cooperation of PP4 (Leibniz Institute) and PP5 (Impulse Region) in a self-study mode, basing on the

- training seminars for practitioners (The training for practitioners took place online on 24/25 March 2021, followed by a city excursion in Erfurt on 14 September 2021)
- seminars for students (The student seminar at the Technische Universität Dresden was held on 15 November 2021, including a lecture and an exercise).

Both activities in 2021 year were based on the SALUTE4CE e-learning manual and on the SALUTE4CE handbook, partly on the final versions, partly on drafts.

For the practitioners we prepared handouts in German language with basic materials on Urban Environmental Acupuncture.

In January 2022 the training materials were sent to the 54 participants of the last-year expert training and the 18 participants of the student seminar already.

We offered all participants individual and group consultations. 17 consultations took place in February and March 2022. The Impulse Region supported this activity strongly, including practitioners from the city administrations of the FUA



Fig. 1 Student group at the Dresden Technical University working with the SALUTE4CE



13



14

Fig 2 Part of presentation



## 2. Italy

In Italy, the Training on UEA based on SALUTE4CE manual and handbook took place on March 8<sup>th</sup> 2022, from 3 pm to 5 pm, in a mixed modality:

- online on the Zoom platform and -
- in presence at the Botanical Garden “Dina Bellotti” of Alessandria.

Development Agency, Links Foundation and the Municipality of Alessandria. The training session was attended by 33 participants in total (21 online + 12 in presence).

This initiative, that has represented the last training session at local level that the PPs have performed within the SALUTE4CE project, was addressed to experienced professionals of public administration and environment and urban planning research fields, as well as to younger professionals of botanical and architecture fields.

Among the participants attended the training:

- expert professionals, such as architects, agronomists, and green maintenance workers; public officers from local institutions (Municipality of Casale Monferrato and Municipality of Alessandria);
- younger professionals, thesis workers of the University of Eastern Piemonte of botanical fields and research trainee.

This panel of attendees was designed according to the requirement of the application form in order to involve different target of professionals who live the urban public space in different ways.

The main aim of the training was to introduce to the participants the whole education process based on the e-learning tool and handbook, to then involving them in the testing phases.

The training started with a welcome speech held by the PPs and addressed to the whole participants in order to briefly introduce the framework and the main objectives of the event.

Then, the floor was given to Valentina Curato (LAMORO), that introduced the practical use of the educational tools elaborated within SALUTE4CE Work Package 4, namely: the Handbook and the E-learning Manual, by highlighting their main functionalities and fields of usability.

After that, the floor was given to Matteo Tabasso from Links Foundation that together with Jody Abate and Angelo Ranzenigo, from the Municipality of Alessandria to deepen the main contents of training tools: Urban Environmental Acupuncture principles, the peculiar characteristics of the main Nature-based solutions etc... always referring to the concrete application of UEA from Alessandria experience.

After these preparatory notes, the participants were asked to fill in the test that it was delivered in form of G Form (translated in Italian).

Once the testing session was over, the PPs with the participants opened a short debate on the main test results.

The training was carried on by PPs through adopting for an interactive and participatory method and since, many participants were already familiar with main contents of UEA, thanks to their participation into previous SALUTE4CE local initiatives it was possible to perform the whole education process based on the e-learning tool and handbook. In this way the participants have passed all the steps of e-learning course.

At the end of the training session 22 participants got the certificates of UEA specialist.



The screenshot shows a Zoom meeting interface with a slide titled "STRUTTURA DEL CORSO E LEARNING". The slide content is as follows:

**STRUTTURA DEL CORSO E LEARNING**

Il corso è diviso in DUE PARTI:

1. EDUCATIVA e DIDATTICA, accessibile a tutti senza registrazione;
2. DI VALUTAZIONE, a cui è necessario registrarsi e che darà diritto al certificato

The slide also features a graphic for "URBAN ENVIRONMENTAL ACUPUNCTURE SPECIALISTS" and a photo of Anna Novakova from VSB-Technická univerzita Ostrava. Text on the slide states: "Il superamento del test dà diritto ad ogni partecipante al Certificato di ESPERTO in Agropuntura Urbana Ambientale rilasciato dal Progetto SALUTE4CE." The slide footer includes "TAKING COOPERATION FORWARD" and the number "6".

Fig. 3 - Training on UEA based on manual and handbook Agenda (in Italian)



### 3. Slovak (Czech)

The aim of the training was to familiarize the participants with the structure of the training materials prepared in the framework of WPT4 ( eLearning manual, handbook). In a condensed form, the aim was to familiarize the participants with the key ideas, conclusions, and solutions in the context of UEA. The aim was to motivate participants to study the prepared materials in depth and inspire them to target implementation in urban spaces. Therefore, the Institute of Management of the Slovak Technical University in Bratislava, which educated experts in spatial and urban planning, was asked to cooperate with the preparation of the training. After agreement, two training courses were prepared. The first more detailed one was divided into three parts (1,5hour per day) and was aimed mainly at students of master's degree, doctoral degree and researchers with the possibility of joining interested members of the public. (16.2.,23.2.,9.3.2022).

The second less detailed one was mainly aimed at undergraduate students in the field of urban planning, but researchers also participated and there was plenty of public involvement ( 24.02. ,10.03.2022).

The contacts of STU were used to inform potential participants. The whole training was conducted online to involve participants from different places in Slovak. After the lecture part there was a discussion of specific problems. Examples from Liptovský Mikuláš (LM) were also discussed in detail, including feedback from several participants who live in LM. Other pilot projects of the Salute4CE project were also mentioned during the training, which significantly contributed to the transnational added value

#### Training in the Czech

Beyond the scope of the project, the training in the CR took place 24.2. 2022 and was mainly aimed at representatives of municipalities, NGOs, practitioners, and the public. This training was conducted in a 2,5 hour presentation form. the task was mainly to inspire further application of UEA in cities and to studio prepared materials.

Local public authority	24.3.2022 training Hustopeče ( obce, Morkůvky, Hustopeče,) 2 s
Higher education and research	Training based on e-learning manual (16.2.2022,23.2.2022,9.3.2022)10 person Training based on e-learning manual (24.02.2022, 10.03.2022) 29 person,
General public	Training based on e-learning manual (16.2.2022,23.2.2022,9.3.2022) 6 person, Training based on e-learning manual (24.02.2022, 10.03.2022) 8 person, 24.3.2022 training Hustopeče 4 persons
Interest groups including NGOs	24.3.2022 training Hustopeče ( RRAJM, Ekocentrum) 2 person:
Infrastructure and (public) service provider	24.3.2022 training Hustopeče (Hantály) 1 person

Fig 4 - participance summary

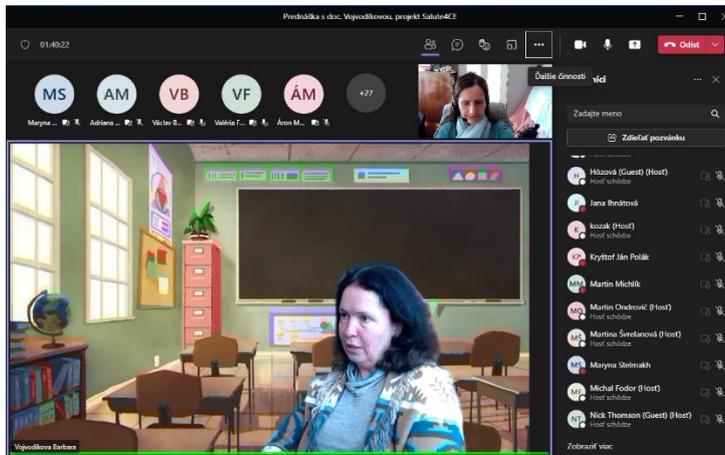


Fig.5 - Online training

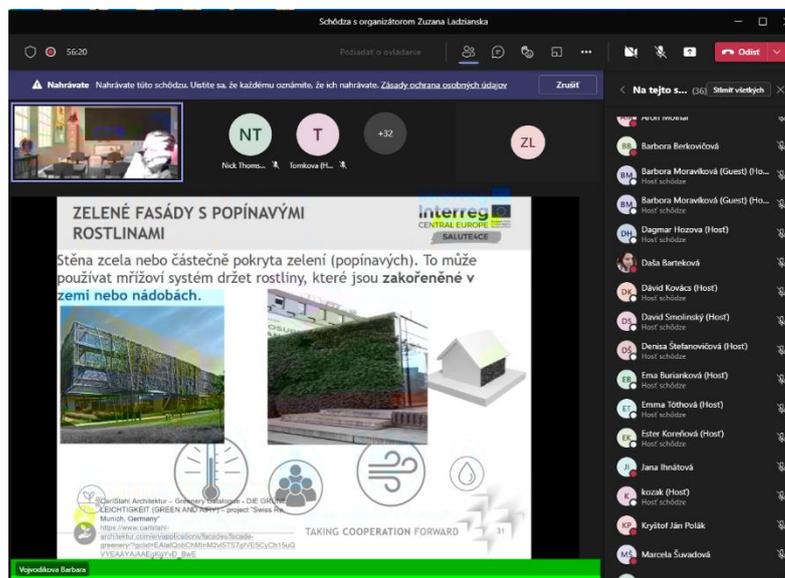


Fig. 6 - Online Presentation



Fig. 7 - Training in Hustopeče



## 4. Poland

At the Faculty of Architecture of the Silesian University of Technology in Gliwice, on March 25, 2022, training sessions for specialists were held. They were based on the handbook and e-learning manual created as part of the SALUTE4CE project. The organizer of the classes was the Silesian Botanical Garden in cooperation with the Lead Partner (Instytut Ekologii Terenów Uprzemysłowionych) and the Action Plan contractor for FUA in Poland (Ruda Śląska, Chorzów and Świętochłowice) who is a lecturer at the Faculty of Architecture. It was one of 4 workshops, each held in a different partner country. During these trainings the whole education process based on the e-learning tool and handbook should be performed.

The participants of the classes in Gliwice were mainly students of the 3rd year of Architecture. The classes lasted three clock hours and consisted of two parts - theoretical and practical. During the lecture, the theoretical basis of Urban Green Acupuncture was discussed. The participants learned how to designate areas with a deficit of greenery in cities, how to choose the right green spot and how to choose the proper Nature Base Solutions. They also gained a general understanding of the SALUTE4CE project and its results. They learned how to use the SALUTE4CE handbook and e-learning manual. During the practical part of the classes, the participants were asked to work independently on the e-learning manual and to answer the questions at the end of each chapter. Finally, the participants were asked to fill in the test and get certificates.

Handbook and E-Learning Manual are suitable to transfer the UEA idea to other territories. Due to their accessible nature, the developed materials make it possible to disseminate among many groups of recipients: employees of city offices, city authorities, architects, scientists, city activists. Now we know, that practitioners from several city administrations are aiming to use the knowledge in their cities. So far, representatives of the cities of Mikołów, Gliwice, Wry and Tychy have expressed their interest in implementing Urban Green Acupuncture. They can do it on the basis of the action plans and the implementation strategies elaborated in SALUTE4CE project.



## 5. Sustainability of the training(s) and developed training material(s) and their transferability to other territories and stakeholders

Handbook and E-Learning Manual are suitable to transport the UEA idea to other territories. An important lesson learned is that the planning of small urban green spaces has to be integrated in the overall local planning process. As an informal (non-statutory) planning approach, UEA is seen as a powerful tool to activate civil society and private companies to contribute to extend urban green.

We got some feedback on the impacts of the training activities. Practitioners from several city administrations are aiming to use the knowledge in their cities. They can do it on the basis of the action plans and the implementation strategies elaborated in SALUTE4CE project. Several employees of private planning offices took part with the intention to extend their portfolio.

An important lesson learned is that the application of a participatory method, supported by an innovative educational tool, is very effective to transfer complex contents. Indeed, it allows to balance the introduction of theoretical aspects, with the illustration of their practical application and the testing of knowledge through an interactive tool. Furthermore, handbook and E-Learning Manual, as well as the testing challenge, have proved to be particularly suitable tools for transferring the UEA concept to other territorial areas and showed the possibility to be targeted to different professional background.

The most significant effect of the training is the transfer and dissemination of awareness of the existence of training materials. Sustainability is precisely in the knowledge that participants have gained and can pass on.

Significant from the point of view of sustainability is the inclusion of this range of issues in the lectures at the Technical University of Ostrava and the Slovak Technical University in Bratislava. Moreover, a UEA lecture is foreseen to be integrated in a master course of the Technische Universität Dresden.

The transfer of knowledge on UEA issues as part of climate change adaptation strategies into the prepared documents of the development agency of the South Moravian Region is also a manifestation of sustainability.