

D.T4.2.1.

## TRAINING FOR TRAINERS

Prague 29/10/2019, \*REPORT\*



## **A) DATES AND GENERAL INFORMATION**

---

In the wake of the energy transition an increased focus is concentrating on the yet unexploited energy-saving potential of the solid waste and wastewater sector. Wastewater treatment plants (WWTPs) are large consumers of energy and make key contributions to the carbon footprint of municipalities and urban governments. The project's main objective is to drive up energy efficiency and renewable energy production in solid waste and wastewater facilities. It focuses on solutions that integrate organic waste and wastewater streams and the development of new infrastructures. Where beneficial, bio-waste will be used to enrich the organic content of sewage sludge, helping to elevate outputs of heat and electricity in a process called co-digestion.

In accordance with Application Form trainers will be gathered in a one day common session in order to share the tools and guides developed in WPT1 and the action plan foreseen for training 50 Public Authorities and convincing 15 Public Authorities to go further in REEF 2W evaluations.

**Training was held on 29<sup>th</sup> October, 2019 in UCT Prague, Technicka 5, Building B, Room 116.**

## **B) LEARNING METHODOLOGY & LESSONS ORGANIZATION**

---

Due to limited availability in the budget and according to the decision taken during the meeting held in Zagreb the training course will have a *peer to peer* approach. All the participants at the training course are members, at different level, of the partner entities. All of them have participated in the development of some of the parts included in the tool.

Because of this any of the participants at the training have a complete view of the REEF 2W Tool and the potentialities that it has. For the reasons above mentioned the "Training for trainers" has been decided to be conducted among the different partners of the project. After this training each of the participant will be able to use correctly the Tool and explain how it works and how to apply it to all the stakeholders and public authorities.

### Program and timetable:

Time	Description	Speaker institution/Remark
08:30-08:30	Welcome and introduction	UCT, ENEA
08:35-09:30	Presentation of REEF 2W TOOL	ENEA
09:30-13:00	REEF 2W TOOL test with real case study data	ENEA, All in testing and training
13:00-14:00	Lunch	Venue/Room:B116
14:00-15:30	How to use REEF 2W TOOL results for ISA application	BOKU, All in training
15:30-16:00	Definition of material to be provided for training courses	REGEA, All in discussion and defining
16:00-16:30	Definition of training courses agenda	REGEA, All in discussion and defining

### C) LIST OF PARTICIPANTS

---

Present on training were 11 people from 7 Project Partners.

No.	First Name	Last Name	Partner/ Institution/ Organisation	County
1	Roberto	Farina	ENEA	Italy
2	Anika	Conrad	adelphi	Germany
3	Mehdi	Habibi	KWB	Germany
4	Florian	Kretschmer	BOKU	Austria
5	Georg	Neugebauer	BOKU	Austria
6	Peter	Lichtenwöhrer	BOKU	Austria
7	Pavel	Jeniček	UCT	Czech Republic
8	Dana	Pokorna	UCT	Czech Republic
9	Zdenek	Varga	Veolia	Czech Republic
10	Marko	Zlonoga	REGEA	Croatia
11	Miljenko	Jagarčec	REGEA	Croatia

## **D) SUMMARY**

---

The meeting starts with the welcome message of prof. Pavel Jenicek, Head of the Department of Water Technology and Environmental Engineering from the University of Chemistry and Technology, Prague (UCT).

After the welcome message Dott. Roberto Farina of the Sustainability Department of ENEA provide a short description of the project, and the activities that will be conducted during the course.

According to the Agenda Training starts with a general presentation of the Tool describing its functionalities and different options available according to the different final energetic necessity that a municipality/treatment plant can have.

The second part of the morning session of the training was dedicated at the use of the Tool using real case data discussing about the results obtained and testing different options of energy production.

The second part of the day was used to present the approach at the ISA methodology, the definition of the indicators and how they are connected at the results of the Tool or evaluated by the user. This part of the training was presented by UCT that describe different indicators considered and explain why and how they have been chosen.

The second part of the afternoon session was conducted by Peter Lichtenwöhrer who explained how to apply indicators developed using a further extension of the Tool.

The final general discussion conducted by REGEA was focussed on the definition of the documents to be provided at the upcoming training courses.

Because of the potential different audience in the countries each partner will be free to provide further documents in addition at those already mentioned in the AF. These documents could be also the available deliverables related with the Tool and its explanation. In any case all the presentations prepared for the training will be collected and uploaded on the project website.

## **E) FEEDBACK FROM THE TRAINING – NEXT STEPS**

---

During the training course some further suggestion on the tool implementation come up. All comments about tool have been registered and they will be implemented in the tool modifications before the training courses.

According to the AF request a public register (D.T4.2.2.) will be implemented in the next period uploaded on the project website and kept updated. Trainers trained in Prague will be the first trainers enrolled in that register.

Regarding this point a relevant aspect emerged during the training is that no provision procedure is contemplated for the recruitment of new trainers. For this reason during the last meeting in Austria will be discussed this point and a final decision will be taken to allow all the partners, even after the end of the project to enroll new trainers.