



PLANET  
CHANGE

# Agenda and programmes of “Planet Change” Teacher Trainings

## TRAINING COURSE FOR SCHOOL TEACHERS



Co-funded by the  
Erasmus+ Programme  
of the European Union

**Planet change** is the short name of an EU Erasmus+ project aimed at VET teachers and their students. With small activities, the idea is to create awareness about sustainability and acquire 21st century skills. All this is done in a technical context, mostly from space technology.

[www.planetchange.eu](http://www.planetchange.eu)

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# 1. Summary of the training

## Portuguese

As formações do Planet Change decorreram em momentos diferentes, ao longo do projeto, com o objetivo de divulgar a iniciativa com os professores do ensino básico e secundário (especialmente do setor VET) em Portugal. No total, foram conduzidas quatro sessões de training (duas em formato presencial e duas online), sendo que também o público presente nas sessões foi diferente - em algumas das sessões os participantes eram professores VET portugueses, enquanto que noutras, as sessões contaram com participantes internacionais (embora todos eles fossem educadores/professores). Embora as sessões tenham sido conduzidas em momentos diferentes, todas elas adotaram seguiram a mesma metodologia (articulação da apresentação teórica do projeto e exploração prática de alguns dos seus resultados) e tiveram a mesma duração aproximada (entre 1 a 2h de sessão).

## English

Planet Change trainings took place at different moments throughout the project, with the aim of disseminating the initiative to primary and secondary school teachers (especially in the VET sector) in Portugal. In total, four training sessions were held (two face-to-face and two online), and the audience was also different - in some of the sessions the participants were Portuguese VET teachers, while in others the sessions included international participants (although all of them were educators/teachers). Although the sessions were held at different times, they all followed the same methodology (articulating the theoretical presentation of the project and the practical exploration of some of its results) and had the same approximate duration (between 1 and 2 hours).

**Target group:** Primary and Secondary school teachers, VET teachers

**Duration:** 1h - 2h

**Materials needed:** Computer

**Organization room:** no requirements, only rooms with computers or conditions for teachers to use their own computers.

**Contact information:** [projects@virtual-campus.eu](mailto:projects@virtual-campus.eu)



## 2. Description of the training

Planet Change trainings consisted of 4 sessions of approximately 1h and 2h each. Below the descriptions of all the sessions.

### **Session 1 - Agents of Change: Integrating Sustainability and Space Themes in VET Education (modality: in person)**

#### ***Program***

Time	Program
10:00 - 10:15	Welcome, short introduction of the project and partnership
10:15 - 10:30	General overview of the project results
10:30 - 11:30	Presentation of the activities and resources developed. Practical and more in-depth exploration of the following activities: <ul style="list-style-type: none"><li>- space debris</li><li>- solar panel</li><li>- light pollution</li></ul>
11:30 - 11:45	Reflection and Q&A





## Session 2 - Inspiring Change: Using Space Contexts to Teach Sustainability in VET (modality: online)

### Program

Time	Program
18:00 - 18:15	Welcoming
18:15 - 18:30	Short introduction of the project and partnership
18:30 - 19:00	Presentation of the activities and resources developed. Practical and more in-depth exploration of the following activities: <ul style="list-style-type: none"> <li>- Air pollution</li> </ul>
19:15 - 19:30	Reflection and Evaluation of the session
19:15 - 19:30	Q&A

## Session 3 - Sustainability and Space in VET education (modality: in person)

### Program

Time	Program
10:00 - 10:15	Welcome, short introduction of the project and partnership
10:15 - 10:30	General overview of the project results
10:30 - 11:30	Presentation of the activities and resources developed. Practical and more in-depth exploration of the following activities: <ul style="list-style-type: none"> <li>- space debris</li> <li>- solar panel</li> <li>- light pollution</li> </ul>
11:30 - 11:45	Reflection and Q&A



## Session 4 - Exploring Sustainability and Space in Online Vocational Education (modality: online)

### Program

Time	Program
18:00 - 18:15	Welcoming
18:15 - 18:30	Welcome, short introduction of the project, partnership and objectives
18:30 - 19:00	Presentation of the activities and resources developed: general structure, where to find them and tutorials available
19:00 - 19:15	Break
19:15 - 19:35	Joint in-depth analysis of one of the activities carried out: deforestation
19:35 - 19:45	Demonstration of the game
19:45 - 20:00	Evaluation of the session and Q&A

### Teacher Training Course Results

The Planet Change training course concluded with highly positive outcomes, highlighting the strong commitment and enthusiasm of participating VET teachers towards sustainability, educational innovation, and environmental awareness.

A total of 62 teachers took part in the course: 19 Portuguese VET teachers participated online, while 43 international VET teachers engaged in face-to-face sessions. This impressive turnout reflects the widespread interest in integrating sustainability and space-related themes into vocational education and training, as well as a shared dedication to fostering responsible citizenship and interdisciplinary learning.

Throughout the training, participants demonstrated remarkable engagement and openness, actively contributing to discussions and activities. The interactive and practical approach of the project was especially well received, with teachers appreciating the opportunity to explore new methodologies and tools for embedding sustainability in their teaching practice.



The diverse backgrounds and experiences of the teachers enriched the sessions, leading to lively exchanges of ideas and best practices. Particular attention was given to adapting educational activities for different vocational contexts and learner profiles, ensuring that the strategies discussed could be effectively implemented in a variety of settings.

Overall, the success of the Planet Change training course underscores the value of collaborative, innovative professional development in empowering VET educators to become agents of change for a more sustainable future.

## 3. Additional materials

### Presentation of the training in Portuguese (on the website)

#### Session 1

[Agenda](#)

[Presentation](#)

[Space debris](#)

[Solar panel](#)

[Light pollution](#)

#### Session 2

[Agenda](#)

[Presentation](#)

[Air pollution](#)

#### Session 3

[Agenda](#)

[Presentation](#)

[Space debris](#)

[Solar panel](#)

[Light pollution](#)

#### Session 4

[Agenda](#)

[Presentation](#)

[Deforestation](#)

[Game app](#)

