



EXPECT - Exchanges of Practices in Education for Climate Targets
2nd PEER LEARNING ACTIVITY – AUSTRIA , 12 January 2021 (09:30 – 14:00h CET)

Instruments/Approaches in Austria

1. Austrian Climate Facts and the Role of VET in the Austrian Climate Agenda 2030

Presentation: Sabine Schwenk, 3srl, Vienna

Firstly, Sabine will give an overview on the three indicators „Greenhouse Gas Emissions“, „Renewable Sources“ and „Energy Efficiency“ in Austria. For example, between 1990 and 2018 the Austrian greenhouse emissions increased by 3% while the average greenhouse emissions of the EU-27 states decreased by 21% (in December 2020, the EU significantly raised the 2030 climate targets. Before, the goal was to reduce the greenhouse gas emissions by 40% until 2030, the new goal is minus 55%!). As a next step, Sabine will inform about the implementation of the UN Agenda 2030 (i.e. the SDGs) and the EU Paris Climate Agreement from 2015 into Austrian law with a specific focus on Education for Sustainable Development in VET.

2. Overview on the Austrian VET system

Presentation: Tanja Bacher, 3srl, Vienna

Tanja will discuss the peculiarities of the Austrian VET system. First, the presentation will position the Austrian VET system in comparison to other countries. Then she will describe the three main tracks of vocational education and training in Austria including distribution of students in upper secondary VET, enrolment, reasons for educational choice and labour market outcomes of graduates. The presentation will also highlight the main features of the Austrian VET system and possibilities and approaches to integrate education for sustainable development in VET.

3. Implementation of the Sustainable Development Goals and the Goals of the Climate Agreement in our Daily School Business

Presentation: Judith Fenz, coordinator of the initiative „Climate Alliance Austria“ and VET teacher for Building Technology at the vocational college HTL Pinkafeld, Burgenland

The vocational college HTL Pinkafeld has four educational departments: „Civil Engineering“ , „Hardware/Software Engineering“ , „Electronic Engineering“ , and „Building Technology“ offering various VET programmes. Ms. Fenz will provide an overview on the Building Technology Department and its different training possibilities (time frame between 3 and 5 years of training). Hereby she will specifically concentrate on the 5-year training of higher educational education with its main fields of

focus and current topics like „energy saving“, „energy recovery“, „recycling economy“, „use of renewable energy“, and „women in (executive) engineering positions“. Furthermore, she will explain the reasons for joining the „Klimabündnis“ (climate alliance) School Network and the specificities about the membership regulations. The final part of her presentation will be a report on two current Climate Alliance projects in her vocational college, one called „Cascade“ and the other one „MakingAchange“.

4. The ECOLOG School Network in Austria

Presentation: Mira Dulle, network coordinator, Institute for Teaching and School Development (IUS), Alpen-Adria University Klagenfurt, Carinthia.

The vision of ECOLOG is a common ecologically, socially and economically sustainable design of teaching and learning as well as the school environment. The educational policy goal is to transfer Education for Sustainable Development (ESD) into regular school practice (<https://www.oekolog.at/>). The ECOLOG network comprises more than 650 schools, 10 universities of teacher education, 9 ECOLOG federal state teams, a central coordination team and a scientific advisory board. The measures concern, among others, areas like saving resources (energy, water etc.), reduction of emissions (i.e. waste, traffic), spatial arrangement (from the classroom to the campus), the culture of learning (communication, organisational structure), health promotion as well as the opening of the school to the community. The ECOLOG network covers beyond primary and secondary schools also vocational schools. Results from accompanying research studies show that the network structure of ÖKOLOG offers exchange of experiences, knowledge transfer, reflection and learning.

5. The ECOLOG Vocational College HTL Spengergasse

Presentation: Daniela Seitz, ECOLOG school coordinator, Vocational College HTL Spengergasse and Finja Dyson, student at the vocational college HTL Spengergasse, Vienna.

The vocational college HTL Spengergasse offers 8 VET fields for students 14+ and 17+: „Animation“, „Business Informatics“, „Gamedesign“, „Computer Sciences“, „Information technology - technical college“, „Interior Design and Surfacedesign“, „Medical Informatics/ Biomedical Engineering“, and „Technical Management“. Additionally, the HTL Spengergasse offers students the possibility to study for the „Berufsreifeprüfung“ (Secondary School Vocational Certificate) that allows to qualify for a specific University or Applied University study programme. Ms. Seitz will also explain why the HTL Spengergasse decided to become a member of the ECOLOG School Network, the requirements that had to be fulfilled and some ECOLOG school activities (teaching and school activities). Finally, VET student Finja Dyson will talk about a specific ECOLOG school initiative, how it was initiated and her experiences with the project.