

Dresden, 3<sup>rd</sup> March 2021

## **Project Outline**

### **Dimensions of Teaching Sustainability: Developing an Interdisciplinary Teaching Concept**

#### **1. Project Goals and Target Groups**

Within the framework of the project *Dimensions of Teaching Sustainability: Developing an Interdisciplinary Teaching Concept*, 25-30 student teachers from TU Dresden, Dolnośląska Szkoła Wyższa we Wrocławiu, Univerzita Karlova v Praze and Univerzita Jana Evangelisty Purkyně v Ústí nad Labem will jointly develop a teaching concept in the field of Education for Sustainable Development (ESD). In light of the interdisciplinary nature of ESD, the project is aimed at student teachers from all disciplines.

The results of the project will be made available to Saxon, Czech and Polish teachers and teacher trainers as a trilingual guide (pdf).

The seminar will be offered to students as a compulsory elective.

#### Learning objectives for teacher students

The students...

... get to know the basics of (virtual) international project work.

... expand their expertise in the field of ESD.

... develop their planning skills through the creation of concepts for teaching the UN global sustainability goals to secondary school students.

... expand their intercultural skills in a cooperative transnational learning setting.

#### **2. Project Topic**

The 17 global United Nations sustainability goals came into force in 2016 and serve to ensure sustainable development worldwide on ecological, social, economic and cultural levels.

As part of the seminar, students will dedicate themselves to the five cross-cutting sustainability issues of educational equality, nutrition, consumption, health and climate in their global and regional dimensions. They will work in trilateral groups (6 students per group - 2 students from each country) and develop a teaching concept to impart knowledge about sustainability, practical skills and behavior-guiding attitudes. Students present their results in the form of a handout that is left to Saxon, Polish and Czech schools. The handout can be used in interdisciplinary lessons or as part of school project weeks.

We are guided by the model of situated learning, which allows us to combine learning and application processes while taking into account the identity of the individual learner.

#### **3. Project Team**

- TU Dresden, Center for Teacher Education and Educational Research (Ulrike Lang, delegated teacher, and Maria Richter-Babekoff, project leader IMPRESS)



- Marianne Rudolph (ESD expert, Berlin)
- Bilingual School Friedrich-Schiller-Gymnasium Pirna (Dr. Kristian Raum, principal)
- *Univerzita Karlova v Praze, Pedagogical Faculty (Dr. Tomáš Klinka)\**
- *Univerzita Jana Evangelisty Purkyně v Ústí nad Labem, Institute of German Studies (Dr. Jan Kvapil)\**
- *Dolnośląska Szkoła Wyższa we Wrocławiu, Educational Research Institute (Prof. Piotr Mikiewicz, director, and Anna Abramczyk)\**
- *N.N.: Czech ESD expert\**
- *N.N.: Polish ESD expert\**
- *Supervision by Saxon State Ministry for Energy, Climate Protection, Environment and Agriculture\**

#### **4. Implementation and Schedule**

##### Basics

Marianne Rudolph, ESD expert, is responsible for the content of the workshops. Marianne is also responsible for student mentoring during and between workshops. She is supported by further ESD experts from the Czech and the Polish sides.

The common working language is English. Sufficient language skills provided, German may also be used.

The work results are summarized and, with the support of the Czech and Polish experts, transferred into Czech and Polish and made available as a handout.

##### Schedule – Winter semester 2021/22

The nature of the actual events depends on the Covid-19 situation. We favor in-person events but will have to prepare for digital events, as well. Between workshops, teams will work on their concepts with the help of digital tools.

##### **Until 25<sup>th</sup> July** Recruitment of students

**Early Oct.** Kick-off workshop – getting to know each other, organizational framework, What is ESD?, trilateral team building, brainstorming, development of work schedule  
EITHER one weekend as a bus tour with stops in all 3 countries  
OR one day + one overnight stay in Pirna or surroundings

- trilateral teams work on learning settings and concepts –

**Nov.** Interim evaluation

- trilateral teams work on learning settings and concepts –

**Dec. or Jan.** Closing event - presentation of the project results and evaluation

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\* To be established.



### **Budget**

Up to € 2000 each can be provided for Czech/Polish ESD experts for support during workshops and transfer of results into Czech and Polish.

Mobility costs covered by IMPRESS.

### **5. Outlook: Possible Further Work**

- Follow-up seminar in which students implement the developed teaching concept with pupils
- Development of a website and a printed brochure that help to make the concept accessible to an even wider professional audience
- Development of teacher training modules in the field of ESD
- Presentation of the concepts in the next cycle of International Teacher Training (IMPRESS)