

Inhalte zu Klima-, Energie- und Wärmewende werden für die pädagogische Praxis nachhaltig nutzbar gemacht, Pädagog*innen und Bildungseinrichtungen erhalten außerdem Impulse zu Berufsorientierung aus geschlechterreflektierender und diversitätssensibler Perspektive. Eltern, Bezugspersonen, das Schulumfeld, regionale Akteur*innen und eine breite Öffentlichkeit werden für Projektthemen und -aktivitäten sensibilisiert. Darüber hinaus werden regionale Kooperationsstrukturen zwischen Bildungseinrichtungen, Forschungseinrichtungen und Unternehmen in Vorarlberg aufgebaut und nachhaltig gestärkt.

Abstract

Initial Situation and Motivation: The project addresses the need to engage children and young people from diverse backgrounds with the topics of energy and heating transition in a low-threshold, everyday, and practical manner. The goal is to sustainably foster their interest in research, technology, and innovation. Additionally, the project complements school-based career guidance content by incorporating gender-reflective and diversity-sensitive approaches and methodologies, while also building connections with local companies. The project also responds to the continuously changing world of work and careers, particularly the growing demand for skilled professionals in energy-related fields.

Goals and Innovative Approach: The overarching goal of the project is to familiarize children and young people with research, technology, and innovation, and subsequently identify future-oriented potentials and courses of action. Through hands-on, experiential learning processes, technology and research become tangible, while raising awareness for the energy and heating transition. Furthermore, the project highlights opportunities and career paths that allow participants to actively shape society and their region in this context.

On a social level, children and young people develop autonomous attitudes and perspectives through engagement with these topics. They connect societal and personal future issues and are empowered to take an active role in shaping the world – aligned with the motto "We've got the power!"

The innovative character of the project lies in its combination of addressing relevant questions, adopting a creative and exploratory approach, and providing positive experiences.

Expected Results and Insights: The project places the energy and heating transition at its core, with contributions from scientific and company partners. Research, technology and innovation in energy and heating sectors become tangible for children and young people, establishing links to research and job opportunities within the region. Pupils explore energy and heating independently, get to know various career fields, experience science and technology in relevant areas, understand the connections and implications of the energy and heating transition, and develop ways to actively contribute to and shape a sustainable future.

Additionally, the project establishes and strengthens sustainable regional cooperation structures between educational institutions, research institutions, and companies. Educational content on climate, energy, and the heating transition is made sustainably usable for pedagogical practice. Educators and schools receive valuable input on career orientation from a gender-reflective and diversity-sensitive perspective. Furthermore, the project raises awareness for the project's topics and activities among parents, regional stakeholders and the broader public.

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