

Summary of the presentation

Bacău county has 499 schools, out of which 192 are with legal personality (101 urban and 91 in rural areas), 172 state schools and 20 private schools. In 2015, Romania and the other 192 member states of the United Nations adopted the 2030 Agenda for Sustainable Development , which includes 17 sustainable development objectives, 169 targets and 232 indicators. Objective 4 Quality education , target 4.7. states that "by 2030 [...] all students will acquire the knowledge and skills necessary to promote sustainable development, [...] through education for sustainable development and sustainable lifestyles, [...] and the contribution of culture to sustainable development".

Education for a Sustainable Development is included in the study plans in different formats – either as compulsory subjects or as optional courses offered by schools. Within the compulsory subjects, sustainability is included mainly in the STEM competences throughout the curriculum(Biology, Geography), but also in subjects such as English, Arts or Romanian. We have more than 270 optional classes approved by the Bacău County School Inspectorate - Ecological and environmental protection education (kindergarten, primary, gymnasium (V-VII)), Education for health (I-XII), Education for society (I-II), Get ready for life. Education for life and community (0-IV, V-VIII), Create your environment (III-IV, V-VII), Character first (V-VIII), Education for development (IX-XII) etc.

Extracurricular activities include Worldwide Programme Eco-Schools, LeAF (Learning About Forests), Let's Do It, Romania! (part of the worldwide campaign "Let's Do It, World!"), Green Week within the Ministry programme "Education for climate change and the environment in sustainable schools", National Campaign „ÎmBUJORăm România!“ (planting peonies in schoolyards around the county, a unique flower in Europe, Paeonia romanica peregrina, with 15th May as national day), County School Championship „We want to have a Future – we recycle(selectively gathering electronics and electronic devices and other items), RoboKids (Lego construction #Superpowered, a future community which integrates the newest technologies in sustainability and green energy).

Other measures were also applied at county level in order to reduce use of paper electronic e-books, Smartlabs, electronic register or the introduction of electric minibuses for students through PNRR (National Recovery and Resilience Plan).

N V Karpen College, besides the submersible robot with an electronic system to measure the water properties in the Bacău county, intends to repaint classroom walls with air purifying paint. Then to introduce more of these renewable energy producers through the integration of solar panels in schools which contributes to mitigating climate change, improving air quality, and protecting the environment for future generations. Introducing solar panels in schools can serve as a tangible and visual representation of the school's commitment to environmental stewardship, fostering a sense of responsibility and inspiring students to pursue careers in renewable energy and related fields.

College NV Karpen Bacău has a good potential because of the human resources and geographical territory to develop a large number of Initiatives regarding a holistic approach to sustainability. Difficulties that can be encountered relate to not having enough financial resources, insufficient time, bureaucratic factors. We plan to develop our range of partners in creating environment and sustainable projects in the future. Think green!