

**UNESCO - plan 2022-23**

**EUC Syd, Hilmar Finsens Gade 18, 6400 Sønderborg, DK**

**About EUC Syd**

South Jutland´s global school for people and businesses. EUC Syd is the largest educational institution in South Jutland.

Every year, we provide education and adult supplementary training and education for more than 25.000 people.

EUC Syd is the workplace of more than 400 competent employees. 300 of them are teachers. EUC Syd is distributed across addresses in Aabenraa, Tønder, Haderslev and Sønderborg – and across more than 100.000 m² under cover

EUC Syd has been a part of The Danish UNESCO network since 2016. Our practical work as a UNESCO SDG school is based on UNESCO’s values, aiming at preparing and educating our students for global citizenship and sustainable development – within a whole school approach.

Please sent us an email eucsyd@eucsyd.dk if you need any further information.

**Overall strategy and plan for “Whole School approach” for the school year 2022/ 2023.**

**Heating and ventilation**

Approx. 60% of circulation pumps replaced with new energy efficient models. Remaining relevant pumps will be replaced from 2024 and forward

Upgraded heating and ventilation with Energy efficient heating panels and sensor-based demand-controlled ventilation, for minimizing operating time and documented pollution control. Reduction in number of ventilation systems from 2 – 1. Executed

Upgraded heating and ventilation with Energy efficient heating panels and sensor-based demand-controlled ventilation, for minimizing operating time and documented pollution control

Reduction in number of ventilation systems from 7 to 2-4. Analysis I progress – Expected to execute 2023

Gas to district heating in Haderslev – Reduction I carbon emission: Approx. 160 tons per year.

**Garbage sorting**

Garbage sorting initiatives on all addresses. We sort as many ways as the municipally does. The implementation of the waste sorting project begins in August 2022

**Diversity outdoors**

Biodiversity initiatives on all addresses. Plant diversity – Focus on wildflowers in the project: Wild vocational schools. Project for outdoor areas and wild school at all the school's addresses. The focus is on increased well-being for students and thus on increased learning

**Canteens and the boarding facility at School**

Focus on sustainability; minimize waste of food and minimize consumption of meat, especially beef. It means healthy and organic food, vegetables, grain, and seeds. Where it makes sense, we have focus on economically and local foods, too. The canteens always support various activities if they are informed about when they will be held.

**Activities with students every quarter**

**3RD QUARTER 2022**

Week 33: Works with SDGs 4-8-12 throughout the 20-week process integrated for GF1 students (Aabenraa)

Week 33: GF 2 Automatic: Works with SDGs 7-9-13 throughout the 20-week process integrated. (Aabenraa)

Week 33: GF2 Structural engineering training: Works with SDGs 6-10 through all courses, basic courses/main courses integrated. (Aabenraa)

Week 33: GF2 Electrician training: Works with SDGs 7-9-13 through all courses, basic courses/main courses/modules integrated. (Aabenraa)

Week 33 - 34: Introduction to the education, and to the UN's 17 global goals GF1 + GF2 (Tønder)

Week 34 Sustainability in the building and construction educations, where 7 subject teachers were on a course at Stegholt. The goal was: to create a common language among the teachers, to get acquainted with requirements and legislation in the area, to gain knowledge about how to work with sustainability in their teaching. (Aabenraa)

Week 34-37: The student council student well-being initiative –The “Good morning” Whole School Approach

Week 35: Well-being Day with competitions for GF1 students (Sønderborg)

Week 35 – 41: Basic project, Product development, Goal 11, HTX, Technical upper secondary 1.g (Aabenraa)

Week 35-44: Biodiversity. SDGs 13 and 15, HTX, Technical upper secondary 1.g (PU) (Haderslev)

Week 36: IB i3 study trip to Berlin focusing on sustainable cities (SDGs 9, 11, 16) IB Diploma (Sønderborg)

Week 36: SDG week for GF1 students (Aabenraa and Haderslev)

Week 36: SDG week for GF2 students in construction; painter, carpenter, bricklayer, technical design. Joint sustainability project on sustainable renovation of a detached house from 1967 (Aabenraa)

Week 37: SDG Week for GF1 students (Sønderborg)

Week 37: Well-being Day at Universe Science Park for GF1 students (Sønderborg)

Week 37: World Clean up Day (Sønderborg)

Week 37-44 (History of ideas): Sustainability, environment, and ethics, HTX, Technical upper secondary, (Haderslev)

Week 39: The climate kiss for the GF1 students (Sønderborg)

Week 39: 2nd Project week on democracy/citizenship in preparation for the study trip (SDGs 1, 3, 8, 10, 11) (Sønderborg)

Week 39: Health fair for the GF1 Students (Sønderborg)

**4TH QUARTER 2022**

Open and calm, Sønderborg Municipality: Stress management course for young people, EUD/VET, HTX, Technical upper secondary and IB Diploma (Sønderborg)

Week 40: HTX 2nd year study trip to Edinburgh focusing on citizenship and poverty (SDGs 1, 3, 8, 10, 11) (Sønderborg)

Week 40: Climate-friendly food in the canteen with a focus on local, sustainable ingredients (Sønderborg and Aabenraa)

Week 41 - Project on the production of apple juice – goal 12: responsible production (2.g) (Aabenraa)

Weeks 41 - 52: All core and subject courses must include sustainability in at least 1 project per. school term (Tønder)

Week 41 – Project on the production of apple juice – goal 12: responsible production, HTX, Technical upper secondary 2.g (Aabenraa)

Week 46: Sustainability in collaboration with Ungenergi.dk, GF1 students (Sønderborg)

Week 43 psychological working environment for the Gf1 students (Sønderborg)

Weeks 43 - 44: Together for the Global goals in Tønder. Partnership project across primary and lower secondary schools, vocational educations and colleges in Tønder Municipality (Tønder)

Week 44-50: True State of the World. SDGs 7 and 13, HTX, Technical upper secondary 1.g (SO), (Haderslev)

Week 45-47 (SO, 2.g): Study tour project on democracy and citizenship. SDGs 10 and 16, HTX, Technical upper secondary 2.g (SO), (Haderslev)

Week 46 – Study trip to Dublin – goal 10: Peace, justice, strong institutions, , HTX, Technical upper secondary 2.g (Aabenraa)

Week 48: Project week "Darwin" focusing on quality education (SDG 4) HTX, Technical upper secondary 1.g (Sønderborg)

Week 48: Celebrating the Day of Democracy (GF1 students) in collaboration with the Danish Youth Council (https://duf.dk/artikel/demokratiets-dag) (Sønderborg)

Week 51: The giving of the Sustainability Award to students who have made a special contribution to sustainability and the UN's 17 Global Goals. Whole School Approach

**1st QUARTER 2023 (Tentative)**

Open and calm, Sønderborg Municipality: Stress management course for young people, EUD/VET, HTX, Technical upper secondary and IB Diploma, (Sønderborg)

Weeks 1 - 25: All core and subject courses must include sustainability in at least 1 project per. school term (Tønder)

Week 6 – Project Waste – goal 12: responsible consumption, HTX, Technical upper secondary 1.g (Aabenraa)

Week 6: Ethics in science and technology – GOAL 3 (health), GOAL 7 (sustainable energy), GOAL 11 (sustainable cities), depending on the field of study, HTX, Technical upper secondary 2.g (Aabenraa)

Week 8-13: Gender equality and industrial development. SDGs 5, 9 and 10, HTX, Technical upper secondary 2.g (DIO), (Haderslev)

Week 9-12: 2.g Danish/History of ideas assignment focusing on immigration and equality (SDGs 4, 5, 8, 10), HTX, Technical upper secondary 2.g (Sønderborg)

Week 11: Project week "Living off the Grid" focusing on sustainability and sustainable cities (SDGs 3, 6, 7, 8, 9, 11, 12, 13), HTX, Technical upper secondary 1.g (Sønderborg)

Week 12: Earth Hour Day 2023, Whole School Approach

Week 12: Sustainable food. SDGs 12 and 13, HTX, Technical upper secondary 1.g (OS), (Haderslev)

Week 18: Danmarksindsamlingen 2023, <https://danmarksindsamling.dk/> Whole School Approach

**2ND QUARTER 2023 (Tentative)**

Week 14: prepared in the weeks leading up to: Danish history of ideas assignment on ghettos – goal 11 (sustainable communities), goal 16 (strong institutions), HTX, Technical upper secondary 2.g (Aabenraa)

Week 15: IB Food Festival (Sønderborg)

Week 16 The Day of Research, Forskningens Døgn. (Sønderborg)

Week 20 - Project Working Environment – goal 8: Decent work for all, HTX, Technical upper secondary 1.g (Aabenraa)

Week 22: Working environment. SDGs 3 and 8, HTX, Technical upper secondary 1.g (OS), (Haderslev)

Week 24: Global Goals exhibition Pre IB together with Group 4 project presentation IB2 (Sønderborg)

Week 25: The giving of the Sustainability Award to students who have made a special contribution to sustainability and the UN's 17 Global Goals. Whole School Approach

Other Activities will be planned and described in our activity report for 2021 and 2022

**Our National Partnerships**

**ProjectZero Sønderborg, Denmark**

http://brightgreenbusiness.com

ProjectZero is the vision for creating a Zerocarbon Sonderborg by 2029 based on sustainable growth and with GREEN JOB creation as a secondary result

EUC Syd has made a partnership with ProjectZero

**Sustainability locally and globally**



Project Sustainability Local and Global is a regional development project in Southern Denmark aimed at upper secondary and vocational education. The main objective of the project is to develop courses and teaching measures that can be used in the education sector. The developed courses are regularly published on this website under "Teaching courses". Likewise, the project's goal is to inspire how sustainability can also be worked with sustainability outside and across disciplines. Such inspiration can be found on this page under the menu item "News".

**Our international partnerships for 2022 / 2023**

**Train2Sustain – developing capacity to teach sustainability in VET**2020 – 2023



Development and completion of a platform in a European KA2 project, where teachers can download materials, images, videos, quizzes, etc. for teaching sustainability, circular economy and LEAN.

The partners come from Finland, Austria, Portugal, and Denmark.

* Vamia (coordinator) Finland
* Omnia, Finland
* Edifício ATEC, Portugal
* EUC Syd, Denmark
* Bit Schulungscenter, Austria

The main aim is to build capacity and confidence amongst teachers and trainers in teaching sustainability and circular economy combined with lean principles in innovative ways. In developing this practice, the students will benefit from gaining skills in sustainability. These skills are needed in our job market now and in the future. This means that companies will get employees with skills in sustainability and lean.

Objectives:

* To provide sustained professional development that disseminates the expertise of the partners across the partnership and encourages synergies with organizations in different VET disciplines and different countries.
* To increase capacity of each organization to develop sustainability issues on an organizational level and to increase the cooperation with working life on this matter.
* To spread the knowledge and skills of using different digital skills between the partners
* To increase capacity of each organization to cooperate at sustainability issues at an EU/international level

**Click On Climate – Sustainability learning for Transportation and Logistics**2020-2023



KA2 project, where a bootcamp will be developed for students in the transport and logistics sector, where innovative solutions in the sector will be worked on. The partners in the project come from TEC, Finland, the Netherlands, Spain and EUC Syd.

* TEC (Coordinator), Denmark
* YSAO, Finland
* Xabec, Spain
* Stichting Zadkine, Netherlands
* EUC Syd, Denmark

The aim of this project is to heighten awareness and competences to act in accordance with the 17 Sustainable Development Goals at all three levels: School management, stakeholder and teaching.  This is done by creating and testing new tools and innovation activities at all participating schools.

**GerDa \_ Sustainability: Awareness, Education & Action – Interreg 6a Program**

(Planning) Submission of application to the Interreg 6a program: GerDa \_ Sustainability: Awareness, Education & Action, together with several German and Danish vocational schools:

Seven – eight vocational schools and two higher education programs at bachelor and university level are together carrying out a project that aims to develop and strengthen a sustainable mindset both among schools, students and students and companies as well as among citizens in the border country.

The project contains both strategic processes at the schools, which in this way can demonstrate sustainability in practice to the students, and actual implementation of the sustainable mindset in teaching.

An important focal point of the project is the upskilling of both management, teachers, and the other staff at the schools, so that they gain a common knowledge and understanding of the need for the green transition and how they can influence as much as possible in their job function.

The aim of the project is to contribute to skilled labor in the green sector, which is a common need on both sides of the border. What is also common is that companies are not yet aware of what skills their employees will lack in the green field in two years' time. In a previous project, NEST, the companies have indicated that they see it as the schools' task to ensure that students and staff have the opportunity to acquire green skills. Therefore, a preparedness that consists not only of knowledge and skills, but also a mindset, where attitudes contribute to making it an actual formation process, is the best way to ensure both the continuous development of the green competencies and application in everyday life.

The collaboration makes the geographical mobility after jobs on both sides of the border easier because both sides know different in culture, but through the collaboration has gained an increased understanding of each other's way of working. The collaboration includes managers, teachers, and other staff, as well as students and students.

