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# Sustainable Campus Initiatives to foster UNSDGs

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## Abstract

As defined by United Nations Environment Programme (UNEP) “a sustainable campus is one that develops process or management systems that help create a vibrant campus economy & high quality of life while respecting the need to sustain natural resources and protect the environment”. In the case of Higher Education, UNEP has developed a framework that is intrinsically linked to the holistic approach of the United Nations Sustainable Development Goals notably to ensure that sustainability is integrated across all levels of these institutions.

EC2U, as an Alliance of higher education institutions, strives at becoming a sustainable Alliance of sustainable campuses, integrating the seventeen United Nations Sustainable Development Goals (UNSDGs) in both local and global actions. EC2U itself was created around three core UNSDGs, namely UNSDG n°3 – Good Health and Well-being, UNSDG n°4 – Quality Education, UNSDG n°11 Sustainable Cities and Communities. EC2U is also registered to UNEP to find inspirations in the many activities that this UN programme proposes. However, as the Alliance grows, it seems relevant to establish a continuous improvement process by defining additional activities linked to the other fourteen UNSDGs. EC2U builds on the impact of its Partner universities, individually and collectively, as well as on the potential of becoming a living model of sustainability, the “University of the Future”.

The objective of this deliverable is, therefore, to lay out the different existing campus actions related to the 14 UNSDGs, led by the universities of EC2U, whether they be at the local or at the Alliance level. This document is the first step in sharing best practices, within the EC2U community and beyond, and will allow the Alliance to better integrate and align these practices across the EC2U members. The identified actions below are focused on concrete campus initiatives and will serve in the definition of additional future EC2U activities; activities that will be presented and developed during the future EC2U Fora. Furthermore, the information collected in this deliverable, and the activities that will be consequently defined, will pave the way for writing the EC2U proposal for the next funding phase.

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## I. Campus actions related to the 14 United Nations Sustainable Development Goals – at local and global levels

### A. Context

Each United Nations Sustainable Development Goal (UNSDG) has a specific goal and a number of targets attached. To optimally share best practices in this document, all goals were reviewed from an institutional point of view in order to gather relevant information for each. This institutional viewpoint was inspired by the information collected from the initial proposal in which all Partner universities shared key activities and objectives of their organisation. For example:

- The **university of Coimbra** stated that one of their “fundamental institutional goals” is to “contribute to sustainable development, aligned with the recommendations of the UN agenda 2030, in line with the Green deal”;
- The **University of Pavia** orients its activities to the pursuit of Sustainable Development and the SDGs of the 2030 Agenda and is committed to taking into account the social, ethical, economic, and ecological effects of its strategic and operational choices, also at international level;
- The **university of Poitiers** lists a number of initiatives such as the “Sustainable development and corporate social responsibility” and “eco-campus” labels as well as the “Gender Equality and Diversity Charters”. It has also now included specific SDGs in its institutional strategy;
- The **university of Turku** clearly put forth that the university “has adopted climate change issues and sustainable development as a comprehensive strategic theme at all levels of the University community, and declared to be carbon neutral by the end of year 2025”.

### B. Objectives



As the goal of this deliverable is to focus on concrete, campus-based actions, the choice was to list initiatives developed by local teams, such as political and knowledge-creation actions, charters, frameworks, social actions, environmentally-friendly practices, awareness campaigns, etc. The actions have been identified at each Partner university, actions that are led either locally and/or individually as well as globally and/or collectively. Note here that a collaborative

approach was adopted to ensure all members could contribute to this exercise. These actions have also been listed for each UNSDG, however as certain actions are transversal, the reader may find the same action under different UNSDGs. Collective/global actions are also differentiated with the 'world' icon in the tables below – and links have been provided for further information when relevant.




## C. Campus-based actions – listed by United Nations Sustainable Development Goal

### 1. UNSDG n°1 – No Poverty

**UNSDG n°1 – No Poverty:** The goal is to 'end poverty in all its forms everywhere by 2030'<sup>1</sup>



Partner university	Actions related to the UNSDG n°1
University of Coimbra	<p><b>UC Transforma:</b> A centralised platform for volunteer opportunities and social innovation initiatives. A meeting place for those who need support from the academic community's volunteers.</p> <p><b>Solidarity Fund and NExT:</b> A project created by IUJP to support students with economic difficulties to continue their studies, thus promoting academic success and fighting withdrawal from studies.</p> <p> <b>Scholarship Programme for young African Researchers (Coimbra Group):</b> Hosting young African women, by supporting the development of research work and enabling the creation of new networks.</p> <p> <b>Integrated Master's Degree in Medicine in Cape Verde:</b> Partnership integrated into the collaboration with the Community of Portuguese Speaking Countries.</p>
Alexandru Ioan Cuza University of Iași	<p><b>State scholarships</b> are awarded to disadvantaged students from a socio-economic point of view.</p> <p><b>Tuition fees</b> may be reduced/waived for disadvantaged students.</p>
Friedrich Schiller University Jena	<p><b>Grants allocated</b> by the BMBF for specific socio-economic categories (<b>BAföG</b>).</p>

<sup>1</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/1\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/1_Why-It-Matters-2020.pdf)





	<p><u><b>Tuition fee is paid by the state</b></u> for students that graduate within the standard period of study.</p> <p><b>BMF research project “<u>DIY society? Informal Economies and social participation in poor rural areas</u>”.</b></p>
<b>University of Pavia</b>	<p>UNIPV provides <u><b>scholarships</b></u> to scholars from developing countries.</p> <p>UNIPV joins multiple projects promoting international cooperation with developing countries (either <u><b>European projects</b></u>, or in the frame of other calls, such as the <u><b>projects in which CICOPS</b></u> is part of).</p>
<b>University of Poitiers</b>	<p><b>Grants allocated</b> by the CROUS for specific socio-economic categories, <u><b>Les bourses du CROUS</b></u>.</p> <p><b>Student accompaniment</b> for financial help seeking with the <u><b>Service de Santé Universitaire</b></u>.</p> <p><b>Reimbursement</b> of student university fees.</p>
<b>University of Salamanca</b>	<p><u><b>SolidariUSAL</b></u> Special Fund for unexpected situations or economic difficulties.</p> <p> <u><b>Instituto de Iberoamérica</b></u> undertakes research on "Economy, Poverty, Development and Cooperation".</p>
<b>University of Turku</b>	<p><u><b>Financial aid for students</b></u> – the purpose of this financial aid is to provide economic security. This aid is available in the form of study grants, provider supplements, supplementary allowance for the purchase of study materials; government guarantee for a student loan, housing supplements.</p> <p> <u><b>UniPID</b></u> is a network of Finnish universities to support the interdisciplinary studies and research, as well as societal impact and partnerships of universities related to global sustainable development.</p> <p> <u><b>Turku Center for Welfare Research</b></u> was founded in 1997 in a cooperative effort by the three universities in Turku.</p>

## 2. UNSDG n°2 – Zero Hunger

**UNSDG n°2 – Zero Hunger:** The goal is to ‘end hunger, achieve food security and improved nutrition and promote sustainable agriculture’<sup>2</sup>.

Partner university	Actions related to the UNSDG n°2
University of Coimbra	<p><b>Ecoliteracy:</b> A curricular unit that encourages discussion on several environmental and ecological issues, such as sustainable agriculture, the loss of biodiversity or the Ocean protection.</p> <p><b>Less equals more:</b> A campaign to combat food waste that aims to raise awareness of the imperative need to use available resources rationally and to adopt responsible consumption behaviours, including the adoption of cooking methods that promote an efficient use of food.</p> <p><b>Botanical Garden Market:</b> Meeting place for producers and consumers.</p> <p>More than 3 tons of <b>agricultural production of foodstuffs for self-consumption</b></p> <p> <b>Collaborative Networks:</b> Colab4Food (Nutritive foodstuffs   Sustainable processes   Circular economy); Cultivar (a Competences network   Sustainable development   Innovation in the agri-food sector); MobFood (mobilisation of scientific and technological knowledge in response to the challenges of the agri-food market);...</p>
Alexandru Ioan Cuza University of Iași	<p> EU project on organic farming and eco-entrepreneurship (<a href="#">Universitatea „Alexandru Ioan Cuza” din Iași (uaic.ro)</a>)</p>
Friedrich Schiller University Jena	<p><b>State founded meal service</b> in different locations of the city that provide food for students with discount (<a href="#">Mensen</a>)</p> <p><b>Support of regional sustainable agriculture</b> and food waste prevention by the <a href="#">Studierendenwerke Thüringen</a></p>
University of Pavia	<p>UNIPV provides, via <a href="#">EDISU (Institute for the right to university study)</a> a series of canteens where students can enjoy a complete, healthy, and well-balanced meal from a nutritional point of view, all at favourable and agreed prices.</p>



<sup>2</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/2\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/2_Why-It-Matters-2020.pdf)

	 <b>International projects</b> in the field of Food Security, Agri Entrepreneurship and Community Engagement in Africa. Examples: <a href="#">AgriENGAGE project</a> ; <a href="#">AGRISCALE project</a> <a href="#">SASS (Sustainable Agri-food System Strategies)</a> project operates in two specific areas of Sub Saharan Africa: Kenya and Tanzania, aims to create knowledge, policy dialogue and partnerships to implement Sustainable Food Systems, supporting public policies and investments in Africa, Europe and at the global level.
University of Poitiers	<p><b>Outreach and social grocery store ‘<a href="#">Episs’campus</a>’</b></p> <p>Promotion of <b>local food channels</b> such as ‘<a href="#">Paniers Bios Solidaires</a>’ (food baskets)</p> <p><b>Specific pricing for student grant recipients</b> at student restaurants with the CROUS ‘<a href="#">Repas à 1 euros pour les boursiers</a>’</p>
University of Salamanca	<p><a href="#">Refood USAL</a> – Project to reduce food waste at university premises and services.</p> <p><a href="#">Campaigns Food collection.</a></p> <p> <a href="#">The Spanish-Portuguese Institute for Agricultural Research</a> (CIALE) undertakes research and training activities in areas related to Agriculture</p>
University of Turku	<p> <a href="#">UniPID</a> is a network of Finnish universities to support the interdisciplinary studies and research, as well as societal impact and partnerships of universities related to global sustainable development.</p> <p> <a href="#">Turku Center for Welfare Research</a> was founded in 1997 in a cooperative effort by the three universities in Turku.</p>




### 3. UNSDG n°5 – Gender equality

**UNSDG n°5 – Gender equality:** the goal is to ‘achieve gender equality and empower all women and girls’<sup>3</sup>.

Partner university	Actions related to the UNSDG n°5
University of Coimbra	<p><b>UC Plan for equality, equity and diversity 2019-2023:</b> Not only to fight gender inequalities, but also to promote equity and diversity within the institution, through actions that proactively combat inequalities in the academic environment.</p> <p><b>Gender@UC:</b> Integration of a gender perspective into research processes and contents, promoting gender equality and strengthening the measures to achieve it.</p> <p> <b>Supera:</b> Implementation of action plans for gender equality in entities of the European scientific system, including the University of Coimbra, to combat inequalities between women and men in the academic world.</p> <p> <b>Women in Global Health:</b> Reflection and discussion on the International Universal Health Coverage Day, by focusing on the importance of gender equity and recognition of women's rights, in order to achieve the goal of universal health coverage.</p>
Alexandru Ioan Cuza University of Iași	<p><b>Courses and modules on gender equality</b> delivered within various projects (such as <a href="http://www.rsfsf.uaic.ro/">http://www.rsfsf.uaic.ro/</a>)</p>
Friedrich Schiller University Jena	<p>The <b>Equal Opportunities Office</b> is an institution for gender-specific topics that helps with 1. questions regarding the advancement of women in higher education, 2. discrimination, sexual harassment and difficulties in the study and work environment, and 3. need for advice on gender identity.</p> <p>The <b>Diversity Office</b> is an advisory institution for all university members for anti-discrimination and supportive community.</p>
University of Pavia	<p>The University of Pavia has recently joined the <b>NERD? project (Isn't This For Women?)</b>, developed by the Sapienza University of Rome and by</p>

<sup>3</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/5\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/5_Why-It-Matters-2020.pdf)

	<p>IBM, which aims to spread culture and the passion for IT disciplines among the female students and students of the last years of high school.</p> <p>The <b>Equality Committee (CUG)</b> has recently published the second edition of the Gender Report of the University of Pavia, which describes in detail the main critical issues regarding gender equality and inclusion within the University and the actions carried out to address them.</p> <p>The University of Pavia has adopted the <a href="#">Gender Equality Plan</a> to strengthen gender equality through a set of concrete and coherent actions.</p> <p> <b>Erasmus Virtual Exchange programme:</b> more than 170 students participated in the program, where small groups of students from different cultures and nationalities discussed topics such as the role of women in society and gender equality</p>
University of Poitiers	<p>A <a href="#">Gender Equality and Diversity Charter</a> is respected by all services.</p> <p>Specific academic courses on gender, equality, and diversity, such as '<a href="#">Gender(s) et sexualité(s)</a>' or '<a href="#">Sociologie du genre</a>'</p> <p>Parity and annual leave for all staff local regulations – <a href="#">specific engagements</a></p> <p>The <a href="#">Service de Santé Universitaire and the CROUS</a> have specific engagements and propose help for students victim of sexual and non-sexual harassment.</p>
University of Salamanca	<p><a href="#">USAL Equality Unit</a> implements the Equality Plan to promote equal treatment and opportunities (students, teachers and administration staff).</p> <p><a href="#">Equality Network:</a> in collaboration with the Department of Family and Equal Opportunities and the Department of Education of the Regional Government of Castilla y León (Family and Equal Opportunities and Education Departments).</p> <p><a href="#">Protocol on Gender Identity</a> promotes full integration and prevents any form of exclusion or discrimination at the university.</p> <p><a href="#">Campaign against sexual assault and harassment</a></p>
University of Turku	<p><a href="#">Equality plan 2021-2030:</a> The goal of this Plan is to promote non-</p>

discrimination and equality and to prevent direct and indirect discrimination and harassment at the University. The Plan includes an assessment on the state of equality and non-discrimination at the University and a description of the measures that are used to monitor the situation. It also includes evaluation of the non-discrimination and equality work so far and defines the next measures. The Equality Committee monitors the progress of the Plan annually and makes the required updates to the measures. The Plan's progress is monitored regularly and continuously.






**The Resilience Academy** is a partnership between four academic institutions in Tanzania: Ardhi University (ARU), University of Dar es Salaam (UDSM), Sokoine University of Agriculture (SUA) and State University of Zanzibar (SUZA) with the University of Turku (UTU) from Finland. It is an initiative of the Tanzania Urban Resilience Program (TURP), a partnership between the Government of Tanzania, the World Bank, and the Foreign, Commonwealth and Development Office (FCDO). Resilience Academy services bring inclusive education and research benefits for the partner universities, and improve employment of the youth with relevant digital skills. Via education and research actions, Resilience Academy improves societies' capacity to tackle urban challenges related to climate change and risks in the cities.





**Potential** – Promoting gender and culture sensitive career guidance. The project focuses particularly on producing easily accessible and practical educational materials for gender and culture sensitive career guidance. The aim is to raise awareness, and to transform the awareness about the gender and culture bias in career guidance into good practices to counteract it. The results of our development work will be disseminated in educational institutions and in guidance services nationally. Potential is created by Finland Futures Research Centre/University of Turku (coordinator), Häme University of Applied Sciences, Oulu University of Applied Sciences, JAMK University of Applied Sciences, Finnish Youth Research Society, Foundation for studies and education research (OTUS).


#### 4. UNSDG n°6 – Clean Water and Sanitation

**UNSDG n°6 – Clean Water and Sanitation:** the goal is 'to ensure access to safe water sources and sanitation for all'<sup>4</sup>.

Partner university	Actions related to the UNSDG n°6
University of Coimbra	<p><b>Waters Microbiology Laboratory:</b> Provision of diagnostic and public health services to the community, water microbiological analysis, analysis of legionella spp and legionella pneumophila, and food microbiology analysis.</p> <p>University Stadium partnership with the company Águas de Coimbra in order to <b>provide drinking water dispensers</b>.</p> <p><b>(Em)Garrafa:</b> Installation of drinking water dispenses</p> <p> <b>Eco2Covid:</b> An innovative nanotechnology-based platform for detection of the SARS-CoV-2 coronavirus in wastewater.</p>
Alexandru Ioan Cuza University of Iași	<p><b>Active anti Covid-19 measures</b> at the level of the university (including a structural funds project submitted and funded: <a href="#">Implementarea de măsuri active pentru prevenirea răspândirii infectiei COVID 19 în cadrul Universității „Alexandru Ioan Cuza” din Iași - Universitatea „Alexandru Ioan Cuza” din Iași (uaic.ro)</a>)</p>
Friedrich Schiller University Jena	<p><b>Industry-Science partnership BMBF project</b> Thuringian Water Innovation Cluster (<a href="#">ThWIC</a>) by the Center for Energy and Environmental Chemistry Jena (CEEC) to develop technological and social innovations that enable sustainable use of water resources</p> <p><b>Research area <a href="#">water technology</a></b> by the Faculty of Chemical and Earth Sciences</p>
University of Pavia	<p> Participation in a <a href="#">project</a>, financed by the Italian Cooperation Agency, which provides <b>grants for study for the attendance of master's degree and doctorate courses</b>. UNIPV is the leader of the activities related to Health and WASH (Water Sanitation and Good Hygiene).</p> <p></p>


<sup>4</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/6\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/6_Why-It-Matters-2020.pdf)

	<p>Participation in the <b>Horizon2020 project, RESERVOIR PRIMA</b> (Partnership for Research and Innovation in the Mediterranean Area) RESEARCH &amp; INNOVATION ACTIONS.</p> <p> Participation in the <b>project CE4WE (Circular Economy for Water and Energy)</b>: providing citizens with clean water and energy from a circular economy perspective capable of valorising sewage sludge.</p> <p> Participation in the <b>Erasmus+ H20Map project</b>, that deals with the creation of a platform with interactive maps on hydraulic historical heritage for higher school teachers</p>
University of Poitiers	<p>To face <b>menstrual insecurity</b>, the university of Poitiers is committed to deploying 100 dispensers of sanitary protection in toilets on various university sites in areas shared by students</p> <p>In regards of the COVID-19 pandemic, the university is ensuring that the whole community has <b>access to safe water sources</b> with soap or hydro-alcoholic gel to wash properly hands.</p> <p><b>Plateforme Eaux</b> constitutes a unit of reflection to enable pilot-scale developments in the field of water treatment, e.g: treatment for depollution of a given effluent.</p> <p><b>Bachelor, track "Water use and quality"</b> aims to enable students to understand, identify, and spatialise the pressures and associated risks on aquatic environments (groundwater, surface water, wetlands, soils, etc.); and propose methods and techniques for the management, protection and remediation of these environments</p>
University of Salamanca	<p><b>USAL Centre for Research and Technological Development of Water</b> (CIDTA) is oriented to develop research and innovation on technologies and management of water resources</p> <p><b>Celebration "World Water Day"</b> in collaboration with the Spanish Foundation for Science and Technology (FECYT), Ministry of Science and Innovation. It includes:</p> <ul style="list-style-type: none"> <li>- "World Water Day Fair"</li> <li>- Campaign "Let's value water"</li> <li>- <b>Exhibition "The Water Sphere"</b></li> </ul>
University of Turku	





	<p><b>UTU is a <u>customer of local supplier</u></b> that guarantees excellent quality of water.</p> <p>In the middle region of the Archipelago Sea, an <b>automated monitoring buoy</b> has been in operation since 2006. The purpose of the monitoring is to collect detailed information on sea water quality, vertical stratification, and seasonal and interannual changes of the sea. At-sea monitoring is important for understanding the state of the sea, and is of fundamental importance to environmental management. Long-term observations also reveal trends and patterns that can help interpret experimental results or yield new research hypotheses.</p> <p> <b><u>TYU (Student Union) and the Global Dry Toilet Association of Finland</u></b> together in development cooperation project in Zambia from 2021</p>
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## 5. UNSDG n°7 – Affordable and Clean Energy



**UNSDG n°7 – Affordable and Clean Energy:** the goal is to 'ensure access to affordable, reliable, sustainable and modern energy for all'<sup>5</sup>.

Partner university	Actions related to the UNSDG n°7
University of Coimbra	<p><b>Green Light:</b> Progressive replacement of light bulbs by energy-saving and long-lasting light bulbs in indoor and outdoor spaces at the Faculty of Medicine.</p> <p>2 136 photovoltaic panels and 222.2 m<sup>2</sup> of solar panels in UC Campus</p> <p> <b><u>Energy for Sustainability (EfS)</u></b>: A response to challenges in the field of energy and sustainable development, and brings together professors from more than a dozen R&amp;D Units, with long teaching and research experience in the mentioned fields.</p>
Alexandru Ioan Cuza University of Iași	No projects up-to-date.
Friedrich Schiller University Jena	<b><u>Center for Energy and Environmental Chemistry</u></b> Jena researches renewable energy and clean tech.

<sup>5</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/7\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/7_Why-It-Matters-2020.pdf)

	The university tries to be <a href="#">climate-neutral in 2030</a> and has started to use CO2 neutral and sustainable energies to heat its building
University of Pavia	<p><b>Implementation of energy efficiency measures:</b> Redevelopment of 6 University thermal power plants; Replacement of 2 burners at the Engineering Thermal Power Plant with more performing models; Replacement of 637 obsolete fan coils with highly efficient products; Installation of remote-control systems for all the University thermal plants; Installation of systems for measuring and monitoring the main consumptions energetic and thermal; etc.</p> <p>Since 2016, the University has been <b>purchasing certified electricity from renewable sources</b></p> <ul style="list-style-type: none"> <li> <b>Courses on the UN SDGs' transversal skills:</b> Launch of the International Course on the SDG n°7 (and n°13) "New Perspectives in Energy for a Sustainable Growth"</li> <li> Participation in the <b>project CE4WE (Circular Economy for Water and Energy)</b>: providing citizens with clean water and energy from a circular economy perspective capable of valorising sewage sludge.</li> <li> Participation in the <b>international research project: HYbrid NANOstructured multi-functional interfaces</b> for stable, efficient and eco-friendly photovoltaic devices - ERC StGRANT 2018 HYNANO</li> <li> Participation in the <b>international research project: ERC StGrant ULTRAIMAGE</b> (develop production protocols to design energy efficient and sustainable devices.</li> </ul>
University of Poitiers	<p><b>Six projects</b> led by the University of Poitiers have been selected in the framework of the call for projects <b>"Thermal renovation of buildings"</b> of the 2020 Recovery Plan: 5 buildings and an emergency boiler for the central wood boiler room on campus</p> <p><b>A sustainable development plan</b> has been adopted since 2017, some results have already been reached: 100% of the electricity consumed comes from renewable sources, 94% of the heating on the main campus is produced from biomass and the objectives of the <b>law of energy transition for green growth</b> were achieved in 2016.</p>
University of Salamanca	<b>USAL Green Office</b> implements programmes and actions aimed at reducing environmental impacts of USAL activities.




	<p><b><u>Guide: Good practices for energy saving and efficiency at the University.</u></b></p> <p>Research to design a <b><u>model for concentrating solar thermal power plants</u></b> to generate clean energy.</p> <p> <b><u>Celebration “EU Sustainable Energy Week”</u></b> disseminates knowledge on renewable energy, promoting energy efficiency and sustainable governance.</p>
<p><b>University of Turku</b></p>	<p> The <b><u>CRECE project</u></b> supports Cuba in the provision of regionally relevant multidisciplinary education in sustainable energy engineering and renewable energy development.</p> <ul style="list-style-type: none"> <li>- The <b>‘Cuban Energy Transformation’ (IRIS)</b> project develops new tools and methods for planning the energy system. The project concentrates on aspects related to the integration of intermittent renewable energy sources, mainly wind and solar, in the Cuban electricity system and the problems and advantages related to it. The target is to develop renewable energy scenarios which take into account the global development context and the political, economic, social, technological, environmental and cultural (PESTEC) dimensions of development.</li> <li>- The <b>Development of Energy Education in the Mekong Area (DEEM)</b>: The wider objective is to ensure that the partner HEIs are able to respond to the capacity and employment needs of sustainable energy development in Cambodia, Laos and Myanmar. The objective will have a direct link to strengthening the integration of sustainable energy goals into national level energy policies, provide qualified energy experts into the local, national and regional labour markets and foster greater collaboration between the traditionally siloed public and private sectors and increase regional level cooperation and mobility in research, entrepreneurship and innovation.</li> <li>- <b>Myanmar Energy and Environment Education (MEEE)</b> project directly contributes to the development of sustainable and inclusive socio-economic growth in Myanmar by enhancing capacities of Myanmar partner institutions to provide quality education on environment and sustainable energy for growing societal and energy sector development needs. Myanmar is currently in a critical time in its energy transition. To be able to attract investors in the renewable energy sector and to re-investigate the government’s RE targets, enhancing access to energy and electrification, as well as reducing CO2 emissions and environmental pollution from fossil fuels there is a dire need for nationally grounded energy expertise.</li> </ul>




## 6. UNSDG n°8 – Decent work and economic growth

**UNSDG n°8 – Decent work and economic growth:** the goal is to ‘promote inclusive and sustainable economic growth, employment and decent work for all’<sup>6</sup>.

Partner university	Actions related to the UNSDG n°8
University of Coimbra	<p><u><a href="#">University of Coimbra Workers' Commission</a></u>: created in 2021</p> <p><b>University Entrepreneurship Programmes:</b></p> <ul style="list-style-type: none"> <li>- Académica Start UC</li> <li>- INOV C</li> <li>- Arrisca C (take a chance C)</li> <li>- Explorer</li> </ul> <p> <b>Youth Leadership Competition and Forum on Urban Innovation and Entrepreneurship:</b> Participation under the theme "Promoting Sustainable Urban Development with Scientific and Technological Innovation" – Network: Guangzhou International Sister-City Universities.</p>
Alexandru Ioan Cuza University of Iași	No projects up-to-date
Friedrich Schiller University Jena	<p>Research area <u><a href="#">Sociology of Work and Industry, and Economic Sociology</a></u></p> <p><u><a href="#">Peer-to-Peer meetings</a></u> for university members with disability, neurodiversity, chronic or mental illness to discuss their experience.</p> <p><u><a href="#">Student Health Management</a></u> that provides students with activities for their physical and mental well-being.</p>
University of Pavia	<p><b>C.OR. (Orientation Centre) offers a variety of services to promote and support students' employment:</b> seminars aimed at to students who are entering the world of work for the first time; support the draw up a resume; it organises meetings between students and employers in all areas, to facilitate the exchange of ideas and mutual knowledge and improve the quality of matching between labour supply and demand not only locally or regional, but also with the presence of important Italian or multinational players.</p>


<sup>6</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/8\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2016/08/8_Why-It-Matters-2020.pdf)

	<p>UNIPV offers a new kind of <b>Master's Degree Courses, called "Plus"</b> because the training program requires the student to experience the world of work, having practical working experience in one of the companies or other partner organisations of the project. The activities that students carry out in the company are integrated into the remaining university course and are aimed at acquiring consistent professional skills and a solid employment opportunity.</p> <ul style="list-style-type: none"> <li>Participation in the <b>international research project: Pan-European Response to the Impact of COVID-19 and future Pandemics and Epidemics EU Horizon - PERISCOPE</b> (Measuring the socio-economic impacts of COVID-19 and the risks of future pandemics, in order to propose policies and technologies aimed at mitigating their impacts and risks).</li> <li>Via <b>Erasmus Traineeship</b>, UNIPV allows students, PhD students, students enrolled in I or II level university masters and graduate schools and recent graduates from all university courses to carry out a <b>traineeship abroad for a period ranging from 2 up to 12 months</b>.</li> </ul>
University of Poitiers	<p>The university of Poitiers anticipates the <u><a href="#">graduation of its students with disabilities</a></u>, to promote their professional integration, facilitate their daily life, help them to find out autonomous mobility solutions, in relation with Handis'up Centre Ouest.</p> <p><u><a href="#">IDEFI PaRé project</a></u> (2012-2020), implemented new types of support regarding professional integration (Handicafés, Support for artists' professional development, competency-based approach).</p>
University of Salamanca	<p><u><a href="#">USAL Emprende</a></u> seeks to create a positive impact to stimulate entrepreneurship.</p> <ul style="list-style-type: none"> <li><u><a href="#">Inter-institutional project</a></u> enabling Salamanca to become an economic engine for new jobs (in collaboration with Junta de Castilla y León, Diputación de Salamanca and Ayuntamiento de Salamanca)</li> </ul>
University of Turku	<p><u><a href="#">Turku Centre for Labour Studies TCLS</a></u> is a multidisciplinary network that complements and strengthens research, academic teaching and cooperation on work and working life nationally and internationally. TCLS connects all eight faculties of the University of Turku, Åbo Akademi</p>



	<p>University and several other research units and organisations nationally and internationally.</p> <p> In addition, the network includes an extensive set of working life research institutes, working life influencers and members and alumnus from public organisations and companies. Turku Centre for Labour Studies has also a wide international network of researchers. We cooperate with key national and international partners, such as the Finnish Institute of Occupational Health, the Research Institute of the Finnish Economy ETLA and in addition a number of international research networks and institutes that promote working life research, such as LERA, ILERA, ESA, EGOS, ASA, EARLI and Eurofound.</p>
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## 7. UNSDG n°9 – Industry, innovation, and infrastructure

**UNSDG n°9 – Industry, innovative, and infrastructure:** the goal is ‘to build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation’<sup>7</sup>.

Partner university	Actions related to the UNSDG n°9
University of Coimbra	<p><u><b>Ageing Coimbra:</b></u> A consortium that aims to be a facilitator for the genesis of innovative projects in the field of active and healthy ageing, and intends to be a stimulator of youth economy and entrepreneurship around health services.</p> <p><u><b>IPN business incubator</b></u></p> <ul style="list-style-type: none"> <li>- 330 businesses supported</li> <li>- 75% of survival rate of businesses</li> <li>- 2 600 highly qualified jobs</li> <li>- 65% of export rate</li> <li>- 190 M€ average annual turnover</li> </ul> <p> <u><b>Energy for Sustainability (EfS):</b></u> A response to challenges in the field of energy and sustainable development, and brings together professors from more than a dozen R&amp;D Units, with long teaching and research experience in the mentioned fields.</p>
Alexandru Ioan Cuza University of Iași	The university cooperates with the municipality for the Iași - <b>smart city project</b> .

<sup>7</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/9\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/9_Why-It-Matters-2020.pdf)

	The university coordinates the Jean Monnet module <b>SmartEU – European Smart Cities for Sustainable Development</b> .
<b>Friedrich Schiller University Jena</b>	<p><b>Student mobility</b> mostly by public transport due to a ticket that let university students travel in and between cities with a flat rate</p> <p>Industry-research partnership project <b>Smart Multi-Use Logistik</b> tries to establish <b>a sustainable infrastructure for the industry</b></p>
<b>University of Pavia</b>	<p><b>UNIVENTURE is the University's business plan competition</b>, at the seventh edition in 2021, born with the aim of stimulating entrepreneurship and innovation, creating synergies between the academic community and entrepreneurs of the local economy.</p> <p><b>UNIPV joins the INNOVATION PROJECT FUND (IPF)</b> is the call of the U4I Foundation, for the support of innovative ideas of which encourage technological maturation, technology transfer actions, creation of spin-offs, bringing ideas to the attention of potential investors.</p> <p><b>UNIPV joins the COMPETITION STARTCUP</b> (organised by the Universities and by Lombard University Incubators, is promoted by the Lombardy Region) to stimulate and encourage academic entrepreneurship and promote economic development of the Lombardy region in the areas of ICT &amp; Services, Industrial Technologies, Life Science &amp; Medtech and Cleantech &amp; Energy.</p> <p> <b>Participation to a project financed by the Italian Cooperation Agency in the city of Bethlehem, Palestine</b>, with the objective of management and control of urban growth for the development of heritage and improvement of life in the city of Bethlehem</p> <p> <b>Participation in the international research project: ERC StGrant ULTRAIMAGE</b> (develop production protocols to design energy efficient and sustainable devices).</p>
<b>University of Poitiers</b>	<p>The Poitiers University Foundation is working alongside an electronics company to <b>combat the digital insecurity of students – in 2022</b> new and reconditioned computers have been given to students.</p> <p><b>Digital Vocation Scholarships</b> - this programme aims to <b>encourage vocations for training in the digital field</b> and to draw the attention of</p>

	students to the professional opportunities that local companies can offer.
University of Salamanca	<p><a href="#">USAL Centre for training and teaching innovation</a></p> <p><a href="#">MEDIALAB USAL</a> space for teachers and students training.</p>
University of Turku	<p>The University of Turku is an <a href="#">Entrepreneurial University</a> and <b>strengthens entrepreneurial attitudes and activities</b> that support entrepreneurship in the entire community. As the Entrepreneurial University, we increase awareness of entrepreneurship and offer entrepreneurial education. Entrepreneurship and commercialising research have many different forms at the University of Turku.</p> <p>The ACEEU (Accreditation Council for Entrepreneurial and Engaged Universities) accreditation is an <b>acknowledgement of the University's commitment to promoting societal vitality</b>. ACEEU accredits universities which promote societal and economic well-being. The accreditation is a sign that the University provides entrepreneurial training, supports members of the University community in entrepreneurial activities, and produces research with a high potential for commercialisation. <a href="#">University of Turku Earns ACEEU International Accreditation as a Recognition for Entrepreneurial Activities and Societal Impact   University of Turku (utu.fi)</a></p> <p>The multidisciplinary University of Turku has several <a href="#">interdisciplinary collaboration platforms</a> whose purpose is to bring together different disciplines and representatives of companies and business life under various themes and perspectives.</p> <ul style="list-style-type: none"> <li>- <b>Bastu</b> is a business enabler for entrepreneurs and businesses in the Turku region. Our goal is to enhance your business with new, collaborative opportunities that utilise the philosophical tenets of the sixth wave along with the core competences of our participating companies. We are always looking for new and energetic business professionals to join us. The programme is not leaning towards research or education: it's all about testing and doing. Bastu is conducted in collaboration with Sitra – The Finnish Innovation Fund and the City of Turku.</li> <li>- <b>Corporate Corner</b> promotes academia-to-business collaboration and co-creation. We help academic and industrial researchers to create new ideas and products and solve existing problems within research and development. Corporate corner brings partners together to discuss, develop and co-invent within various fields of science. Through shared ideas and know-how, resources and</li> </ul>





	<p>infrastructures, Corporate Corner fuels new opportunities and supports societal well-being and economic growth.</p> <ul style="list-style-type: none"> <li>- <b>The FoodTech Platform Finland (FPF)</b> is the leading food focused research – business network bringing digital transformation to the entire food chain – from farm to production, distribution and consumption.</li> </ul> <p>The ecosystem is a joint growth network of companies, entrepreneurs, research excellence and the public as well as the third sector.</p> <p>The aim of the platform is to renew the competitiveness of food business companies, especially in international markets, and to accelerate new innovations and start-ups. FPF seeks to create new research and development projects and to provide competence and resources for start-ups and growth companies.</p> <ul style="list-style-type: none"> <li>- <b>Health Campus Turku</b> A significant multidisciplinary knowledge cluster within medicine, social and health care and technology offering unique opportunities for research, innovation and corporate collaboration. Many ongoing HCT collaboration projects promote healthcare digitalization and health data utilization that can decrease trafficking and inefficiencies in health services and increase healthcare value creation for the patient. We also seek better understanding of health care carbon footprint and examine methods to promote circular economy.</li> </ul>
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## 8. UNSDG n°10 – Reduced inequalities

**UNSDG n°10 – Reduced inequalities:** the goal is to ‘reduce inequalities within and among countries’<sup>8</sup>.

Partner university	Actions related to the UNSDG n°10
University of Coimbra	<p><b>Observatory of Pedagogical Activities:</b> Ensuring quality teaching and consistent, scientifically rigorous learning that is aligned with international parameters for promoting equity, innovation, and sustainability in its various dimensions.</p> <p><b>First Adaptive Sports Section of the AAC:</b> Within the scope of UC For All programmes, the Boccia Pro- Section promotes the practice of this sport by students with disabilities and special needs.</p> <p><b>Anti-discrimination and anti-harassment policies:</b> Code of good conduct for preventing and combating harassment at work   UC for All</p>

<sup>8</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2018/01/10\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2018/01/10_Why-It-Matters-2020.pdf)

	<p>  Application of inclusive language   Charter of Principles for Equality, Equity and Diversity at the University of Coimbra.</p> <p> <b>Refugees Welcome and Integration Programme:</b> Commitment to a promotion policy of social inclusion and minorities protection, guaranteeing the right to be different and to have rights, ensuring equal access and conditions for success.</p>
<b>Alexandru Ioan Cuza University of Iași</b>	<p>Various measures meant to ensure access to <b>online education for students</b> who could not afford it.</p> <p> <b>EU project</b> run by the Department of education Sciences: <i>Vocational education and training for speech and language therapists and parents for rehabilitation of children with cochlear implant on how to speak.</i></p>
<b>Friedrich Schiller University Jena</b>	<p><b>International students</b> have the entitlement for support by the German state.</p>
<b>University of Pavia</b>	<p>UNIPV adopted, in 1999, the <b>Assistance and Integration Service for Disabled and SLD Students (SAISD)</b>, to meet the needs of students with disabilities and to encourage integration within the University and guaranteeing the right to study.</p> <p>In terms of <b>financial support provided to students to reduce the inequalities</b> in the access to the Higher Education system, the University of Pavia is characterised by: a particularly favourable contribution structure for students from low-medium income families; a boarding school system able to host off-site students at particularly advantageous conditions; a high rate of scholarships (11.3% of students are attending the University with scholarship).</p> <p>UNIPV was one of the first universities in Italy that launched a <b>special programme for refugees</b>, giving them access to university degree courses and helping them in the recognition of prior studies</p> <p> The International Development Cooperation Commission – CICOPS aims at <b>promoting academic cooperation with developing countries</b>; Among the most consolidated initiatives are the <i>CICOPS scholarships</i>, destined to scholars from developing countries, to stay in UNIPV for research and study purposes.</p> <p> Participation to <b>CHILDCA</b> project with the objective of <b>modernization, professionalization and internationalization of postgraduate training</b></p>



	<p>in the field of children care management in Central Asia (CA) Countries - Kazakhstan, Tajikistan and Uzbekistan. The ultimate goal is to reduce the infant mortality in CA countries, towards the standards of EU countries</p> <ul style="list-style-type: none"> <li>Participation to the project <a href="#">SAHA</a> in Lybia, that aims at <b>raising the efficiency of partner universities with regard to health management</b> and establishing of data centers at universities that help local societies develop their health infrastructure</li> <li>Participation in the <b>international research project: Pan-European Response to the Impact of COVID-19 and future Pandemics and Epidemics EU Horizon - PERISCOPE</b> (Measuring the socio-economic impacts of COVID-19 and the risks of future pandemics, in order to propose policies and technologies aimed at mitigating their impacts e risks)</li> <li><b>BRIDGENET</b> is a fundraising project launched, at first, to <b>consolidate the humanitarian corridors for the entry of Afghan students in Italy</b>. Bridgenet's goals comprehend several other programs, all of them aimed at addressing the practical problems of welcoming foreign students and researchers who, together with their families, find themselves in difficulty in their home countries.</li> </ul>
University of Poitiers	<p>For 2022/2023, international students can benefit from <a href="#">partial exemption of tuition fees</a>. This partial exemption allows them to pay an amount equal as the European students' fees, up to 10% of registered students.</p> <p>Participation of the <a href="#">project "Espoir"</a> for refugee students (exemption for French lessons, integration at the university/city, professional and education monitoring)</p>
University of Salamanca	<p><a href="#">University Master's Degree International Development Cooperation</a> (jointly organised by the Universities of Burgos, León, Salamanca and Valladolid)</p>
University of Turku	<p><b>INVEST – Inequalities, Interventions and a New Welfare State</b> – aims at providing a new model for the welfare states that is more equal, better targeted to problem groups, more anticipatory as well as economically and socially sustainable. Based on cutting-edge research on the conditions and mechanisms involved at different periods of development, INVEST will evaluate and develop various universal and</p>



targeted interventions to improve the efficiency of the current welfare state institutions at critical points of the early life course. INVEST produces science ranging from basic research and policy evaluations to commercial innovations. Innovative collaborations with national and international research organisations and across academic disciplines, as well as the use of unique data are at the core of our ecosystem's operations. The INVEST ecosystem enables collaboration and interaction between various research organisations, higher education institutions, welfare researchers and public administrators, policy makers, civil society actors, companies and practitioners that work with INVEST in our mission.


- Opintokamu® – meaning studypal – is an entity developed for high schools and vocational schools. It aims to develop students' capacity for studies, life management and well-being, and to provide teachers with tools for educational institutions. The project at the University of Turku has been funded by the Ministry of Education and Culture and since 2018 all material has been available free of charge to educational institutions. Currently, more than 370 secondary education institutions have already been registered as users of Opintokamu. Opintokamu includes high-quality, research-based materials for students' independent work and tools for adults in educational institutions to improve the well-being of both students and staff. All materials can be found digitally for registered institutions at [www.opintokamu.fi](http://www.opintokamu.fi) (in Finnish and Swedish only).




**Kiva School® is an anti-bullying programme** developed at the University of Turku. KiVa aims to prevent bullying. Creating an anti-bullying culture requires the commitment of the entire school community. Implementing KIVA can reduce bullying and increase school well-being and positive peer relationships — even learning motivation! KiVa has also been studied e.g. in the Netherlands, Chile, Italy, New Zealand and Estonia. In meta-analyses, it has been repeatedly identified as one of the most effective anti-bullying programs in the world. In Finland, over 900 schools are involved in the KIVA School programme and in addition to Finland, the programme is in place in more than 20 different countries.



## 9. UNSDG n°12 – Responsible consumption and production

**UNSDG n°12 – Responsible consumption and production:** the goal is to ‘ensure sustainable consumption and production patterns’<sup>9</sup>.

Partner university	Actions related to the UNSDG n°12
University of Coimbra	<p><b>Ecoliteracy:</b> A curricular unit that encourages discussion on several environmental and ecological issues, such as sustainable agriculture, the loss of biodiversity or the Ocean protection.</p> <p><b>Less equals more:</b> A campaign to combat food waste that aims to raise awareness of the imperative need to use available resources rationally and to adopt responsible consumption behaviours, including the adoption of cooking methods that promote an efficient use of food.</p> <p><b>Reduction in the use of plastic:</b> Elimination of disposable packaging and utensils and replacement of plastic with other materials.</p> <p> 84 public and private entities signed the <b>Institutional Pact for the Valorisation of the Circular Economy in Centro Region (Portugal)</b>.</p>
Alexandru Ioan Cuza University of Iași	No projects up-to-date
Friedrich Schiller University Jena	<p><b>The Jena Declaration</b> bundles several international institutions to strive for a responsible consumption and sustainable production.</p> <p><b>Pallet furniture project</b> on campus.</p> <p><b>Green Office</b> established to coordinate the University’s sustainability strategy.</p>
University of Pavia	<p><b>#StopSingleUsePlastic: campaign to raise awareness on the reduction of plastics.</b> In the frame of the campaign, the University has introduced compostable bottles in the vending machines for food and drinks; as well, plastic cups and stirrers for hot drinks have been replaced with compostable cups and wooden stirrers. Water bottles are also sold to raise funds for cooperation campaigns.</p>

<sup>9</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/12\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/12_Why-It-Matters-2020.pdf)

	<p>The University has realised 6,000 <b>reusable bottles</b>, distributed to freshmen.</p> <p>The University has built 9 <b>drinking water distribution points</b> across its premises (more points to be built).</p> <p><b>#ioPARTECIPO: Campaign for the recycling of cell phones</b>, a global initiative by the Jane Goodall Institute focused on the recycling of any type of mobile phone, smartphone and tablet no longer functional or no longer used.</p> <p>UNIPV has released a <b>guideline, to incoming students</b>, on how to correctly comply with the local recycling.</p>
University of Poitiers	<p><b>Favour circular economy</b>, reuse as much as possible furniture, if not it is given to a non-profit association called Valdélia, which takes in charge used professional furniture.</p> <p>Implementing a <b>proactive purchasing policy</b>: harmonising and pooling deliveries to avoid unnecessary packaging; choosing materials packaged with less packaging; opting for eco-designed products, etc.</p>
University of Salamanca	<p><b>ReUSALO campaign</b>: to join USAL commitment to eliminate single-use plastics by 2021.</p> <p><b>Reconecta la USAL</b> invites university community to recycle household devices.</p> <p><b>ECO-Cool Clothing Workshops</b> raises awareness of the environmental impact of clothing and fashion.</p> <p> <b>Open Online Course (MOOC) on Circular Economy</b> in collaboration with Escuela de Organización Industrial</p>
University of Turku	<p><b>2020 Responsible Management Education</b>: We are pleased to present the 2020 report on the implementation of the Principles for Responsible Management Education (PRME) from Turku School of Economics (TSE). As it is our mission to educate responsible future leaders, we are committed to advancing the Six Principles of Responsible Management Education. During the reporting period we have taken important steps towards a more systematic approach on enhancing responsibility. For example, the University is committed to being carbon neutral by the end of 2025 and our Equality Plan defines the targets for e.g. how non-discrimination and equality are realised in teaching and learning. Also, all our Bachelor and Master level</p>


	<p>programs and specializations include now courses that discuss responsibility. The results are very promising showing that majority of our graduates understand the importance of responsibility in business or economic practice. In research activities, we have formed an actively connected network of scholars engaged in the study of responsibility and sustainability.</p> <p>The University of Turku is committed to advancing an <b>organisational culture focused on sustainability</b>. The Steering Group for Sustainable Development has set up a working group to plan and coordinate sustainable everyday actions for the University. The task of the Working Group for Sustainable Campus Life is to plan and propose everyday actions informed by the principles of sustainability, as well as to coordinate their implementation. In order to reach these goals, the group will devise clear action plans and indicators.</p> <p> The University of Turku has been granted a <b>professorship by UNESCO with the aim of making use of tools of futures research to eradicate poverty and increase well-being in the developing countries</b>. Professor of Futures Studies Markku Wilenius is appointed to the position since 2016. The professorship is granted by the United Nations Education, Scientific and Cultural Organisation UNESCO. The aim of the professorship is to support futures work in the developing countries. The University of Turku begins the creation of a method for introducing futures work to developing countries in co-operation with UNESCO and the other agreement partners involved. Eight universities from, for example, Namibia, Peru, China, the United States and Germany, have already signed up as partners in co-operation.</p> <p> Next Sustainable Development week will be held in autumn 2022.</p>
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## 10. UNSDG N°13 – Climate action

**UNSDG n°13 – Climate action:** the goal is to take ‘urgent action to tackle climate change and its impacts’<sup>10</sup>.

Partner university	Actions related to the UNSDG n°13
University of Coimbra	<b>Carbon neutrality in 2030:</b> Environmental sustainability strategy that will enable UC to be the first Portuguese university to achieve carbon neutrality (installation of photovoltaic panels   lighting replaced by LEDs   removal of beef from meals   promotion of recycling   reduction of

<sup>10</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/13\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/13_Why-It-Matters-2020.pdf)



	<p>food waste   abolition of plastic   reduction of automobile pollution on the campuses).</p> <p><b>UC.Plants:</b> The promotion of biodiversity included in the activities for welcoming new students, by inviting to the adoption of a plant from the native flora of the national territory (Kermes oak, black oak, arbutus tree, hawthorn tree, stone pine, cork oak, rowan tree, and spear-leaved rockrose).</p> <p> <b>UNESCO Chair in Biodiversity and Conservation for Sustainable Development:</b> An integrated research, training and science communication network within the fields of biodiversity, ecology and sustainable development.</p>
<b>Alexandru Ioan Cuza University of Iași</b>	<p><b>University infrastructure</b> developed in order to monitor environmental issues, ensure a sustainable management of environmental risks and knowledge transfer towards research, the economic and public sectors</p>
<b>Friedrich Schiller University Jena</b>	<p>The Master Programme <b>Geography - Climate and Environmental Change</b> tackles the reasons and impacts of climate change</p> <p>The student council is part of the <b>Alliance Climate &amp; Environment Jena</b> which tries to change the city of Jena into a climate and environment friendly city</p> <p><b>Declaration of Principles on Sustainability</b> of the university of Jena guarantees climate action through sustainable research, teaching, and governance</p>
<b>University of Pavia</b>	<p>In 2012, UNIPV appointed a Mobility Manager (<b>Contributing to the collection and implementation of good practices</b>, etc.); UNIPV also takes part in the activities of the “Mobility Working Group” of the RUS (Network of the Universities for Sustainable Development), focused on decarbonization, etc.</p> <p>UNIPV has acquired n. 21 bicycles to foster <b>sustainable mobility of the employees</b> among the university premises in the city; UNIPV provides special fares for employees and students electric car sharing service; UNIPV also provides special fares for the public transport service, supporting sustainable mobility.</p> <p>Further support to sustainable mobility via the realisation of a bicycle workshop in the university area, for custody, repair and maintenance services of the employees and students’ bicycles.</p>

	<ul style="list-style-type: none"> <li> <b>Courses on the UN SDGs' transversal skills:</b> Launch of the International Course on the SDG n°13 (and n°7) "<a href="#">New Perspectives in Energy for a Sustainable Growth</a>"</li> <li> Participation in the <b>international research project: HYbrid NANOstructured multi-functional interfaces</b> for stable, efficient and eco-friendly photovoltaic devices - ERC StGRANT 2018 HYNANO</li> <li> Launch of the <b>TRANSIT programme: a financial support to encourage students travelling green</b> (avoiding aeroplane) to reach their international mobility destinations.</li> <li> UNIPV has joined the <b>pilot initiative "<a href="#">Little Book of Green Nudges</a>", launched by UNEP - United Nations Environment program</b>, to boost a shift towards sustainability in the University campuses UNIPV is leading the BRIGHTS Project (Bringing HEIs Towards Sustainability), focused on 1) boosting the spread of SDGs related courses for transversal green skills development, 2) developing new didactic methodologies on sustainability, 3) supporting HEIs in the establishment of sustainability offices.</li> </ul>
University of Poitiers	<p><b>Development of an eco-campus</b>, a policy rewarded by the <a href="#">label "<i>Agir ensemble, pour des campus durables en villes durable</i>"</a> (<i>Act together, for Sustainable Campus in Sustainable Cities</i>). A programme that encourages actions with all the territory actors.</p> <p>Rewarded by the <a href="#">label <b>DDRS</b> (Sustainable Development &amp; Social Responsibility)</a> since 2016, the university's strategy is based on 5 axes: governance, education, research, environmental management, territorial anchorage.</p>
University of Salamanca	<p><a href="#">Climate change website USAL</a></p> <p><a href="#">"Climate Hope Capsule"</a> contributes to raise awareness on the environmental sustainability of the Planet.</p> <ul style="list-style-type: none"> <li> <a href="#">MOOC "Climate Change Awareness and Training for Teachers"</a></li> <li> USAL collaborates in the research on <a href="#">Antarctica and the evolution of the Earth's climate</a> in the POWELL 2020 oceanographic expedition</li> <li> <a href="#">Raising awareness Exhibition of the European Green Deal.</a></li> </ul>

<b>University of Turku</b>	The University of Turku is committed to <b>become <u>carbon neutral by the end of 2025</u></b> . To achieve this goal, the Steering Group for Sustainable Development has set up a working group to estimate the carbon footprint of the University's properties and activities, the measures needed to decrease these, and the possibilities of compensating for the CO2 emissions. <a href="https://www.utu.fi/en/news/for-media/experts/climate-change-and-biodiversity-crisis">https://www.utu.fi/en/news/for-media/experts/climate-change-and-biodiversity-crisis</a>
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## 11. UNSDG n°14 – Life below water

**UNSDG n°14 – Life below water:** the goal is to 'conserve and sustainably use the world's ocean, seas, and marine resources'<sup>11</sup>

Partner university	Actions related to the UNSDG n°14
<b>University of Coimbra</b>	<p><b>SERmare:</b> An educational programme that involves schools, by training teachers and creating activities for the different school levels and for the entire community, contributing thus to a participatory "Blue Society" and to the increase of ocean literacy.</p> <p> <b>UNESCO Chair in Biodiversity and Conservation for Sustainable Development:</b> An integrated research, training and science communication network within the fields of biodiversity, ecology and sustainable development.</p> <p> <b>International sustainable ocean conference:</b> A search for joint solutions for the sustainability of the oceans within the scope of the Blue Economy, with experts gathered to discuss climate change, its impact on the economy, and opportunities for mitigation and adaptation.</p>
<b>Alexandru Ioan Cuza University of Iași</b>	Several infrastructure and research projects are run by the university research facilities, such as the funding of a counselling centre for aquaculture farms in the region or the resources pilot centre for the cross-border preservation of Prut River aquatic biodiversity.
<b>Friedrich Schiller University Jena</b>	<i>No projects up-to-date</i>

<sup>11</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/14\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/14_Why-It-Matters-2020.pdf)




<b>University of Pavia</b>	<p>UNIPV partners with the association <b>Plastic Free</b> in realising <b>local clean-up campaigns</b></p> <p>UNIPV is engaged in the <b>reduction of waste</b> (with particular attention on plastic waste), via a series of initiatives (see section SDG 12)</p> <p>UNIPV holds an <a href="#">Interdisciplinary Centre for Bioacoustics and Environmental Research</a>, which carries out Research and education activities addressed at the understandings, management and conservation of the natural environment and its ecosystem services</p> <p>UNIPV is launching <b>two new courses on the transversal skills on the SDG n° 14</b>: 1) Biological Invasions as a consequence of globalisation: management challenges; 2) Bioacoustics and Ecoacoustics for ecosystem monitoring and conservation</p>
<b>University of Poitiers</b>	<p><a href="#">Plateforme Eaux</a> constitutes a unit of reflection to enable pilot-scale developments in the field of water treatment, e.g: treatment for depollution of a given effluent.</p> <p><b>Bachelor</b>, <a href="#">track “Water use and quality”</a> aims to enable students to understand, identify, and spatialise the pressures and associated risks on aquatic environments (groundwater, surface water, wetlands, soils, etc.); and propose methods and techniques for the management, protection and remediation of these environments</p>
<b>University of Salamanca</b>	<p><a href="#">Ocean Geosciences Group</a> (GGO) undertakes research on the role of calcareous marine algae in the global carbon cycle</p>
<b>University of Turku</b>	<p><a href="#">Environmental and at-sea monitoring</a> has been conducted at Seili by The Archipelago Research Institute (ARI), together with several stakeholders, since 1966. Thanks to these long-running programs, ARI nowadays has several data sets that extend back over 50 years. The time series are available for researches for example to study climate-induced environmental changes in the northern Baltic ecosystem.</p> <p> UTU is part of <a href="#">Analysis and Experimentation on Ecosystems, European Research Infrastructure Consortium (AnaEE ERIC)</a>. AnaEE-ERIC will ‘advance our understanding of the environmental impacts of ongoing global change and foster adaptation and mitigation strategies for safeguarding ecosystem services and their economic and societal benefits.’</p>




## 12. UNSDG n°15 – Life on land

**UNSDG n°15 – Life on land:** the goal is to ‘sustainably manage forests, combat desertification, halt and reverse land degradation, and halt biodiversity loss’<sup>12</sup>.

Partner university	Actions related to the UNSDG n°15
University of Coimbra	<p><b>UC.Plants:</b> The promotion of biodiversity included in the activities for welcoming new students, by inviting to the adoption of a plant from the native flora of the national territory (Kermes oak, black oak, arbutus tree, hawthorn tree, stone pine, cork oak, rowan tree, and spear-leaved rockrose).</p> <p><b>Botanic Garden:</b> more than 1 500 species of plants in 13 ha of land. Founded in 1772, the Botanic Garden's mission is research, biodiversity conservation, education, and science dissemination, with special focus on plant diversity, climate change, and sustainable resource management, ensuring several initiatives open to the community.</p> <p> <b>UNESCO Chair in Biodiversity and Conservation for Sustainable Development:</b> An integrated research, training and science communication network within the fields of biodiversity, ecology and sustainable development.</p>
Alexandru Ioan Cuza University of Iași	No projects up-to-date
Friedrich Schiller University Jena	<p>The <b>institute of biodiversity</b> researches on topics to halt biodiversity loss.</p> <p>Google was replaced by <b>Ecosia</b> as default search engine on all University computers.</p>
University of Pavia	<p>UNIPV coordinates the <b>European LIFE project called “DRYLANDS”</b> for the restoration of prairies and heaths between Piedmont and Lombardy. The goal is to restore habitats and protect them from invasive species, thus increasing plant biodiversity.</p>

<sup>12</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/15\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/15_Why-It-Matters-2020.pdf)




	<p>The <b>Botanical Garden</b> of the University collaborates with the Vegetable Germplasm Bank of UNIPV, which deals with the conservation of seeds of rare or threatened species.</p> <p>UNIPV holds the “<b>Siro Negri Wood</b>”, a <b>Nature Reserve</b> for scientific research, educational and supervisory purposes only. Thanks to these restrictions the “Bosco Siro Negri” can be defined as an integral reserve, and has taken on a considerable naturalistic and scientific value.</p>
University of Poitiers	<p><u>Studies</u> are led to <b>evaluate the biodiversity on the campus</b>, allowing the institution to know which zones need to be preserved and what actions need to be taken (planting trees adapted to climate change with a high biodiversity potential, installing insects’ hotels, nesting boxes for bats or birds, creating hedges for connecting the woodland areas).</p> <p><b>Conferences are organised to create awareness among the whole community</b> (students and staff), (e.g: <u><a href="#">the link between biodiversity and humanity</a></u>)</p>
University of Salamanca	<p><u>Ecosystem Regeneration Project</u> to regenerate the most degraded ecosystems in the city, as well as reconnecting people with nature.</p> <p><u>Regenerating the Earth and Human Consciousness</u> project aims to generate positive impacts on the environment.</p> <p><u>Commemorative Forest Project</u> planting of singular tree species on campus to celebrate an event.</p>
University of Turku	<p>The <u>Kevo research station</u> lies in North Lapland, in Utsjoki, by lake Kevojärvi. We have studied subarctic nature and interactions between nature and humans for over 60 years. The Finnish Meteorological Institute has two weather stations (data available since 1962), a magnetometer station and an all-sky camera for auroral monitoring at Kevo. The institute of Seismology (University of Helsinki) has had a seismographic station at Kevo since 1964. Several other universities and research institutes also have their research sites, equipment or monitoring points at Kevo.</p> <p> Kevo provides a unique location for field courses, seminars and summer schools. Several courses and seminars are arranged yearly at the station by Finnish and foreign universities.</p>

### 13. UNSDG n°16 - Peace, Justice, and Strong Institutions

**UNSDG n°16 – Peace, Justice, and Strong Institutions:** the goal is to ‘promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels’<sup>13</sup>.


Partner university	Actions related to the UNSDG n°16
University of Coimbra	<p><b>Academy for the Encounter of Cultures and Religions:</b> Study of the history of the different cultures and religious traditions worldwide, by encouraging the cultural and interreligious dialogue and promoting enlightenment and debate among the entire community.</p> <p><b>Sustainable Campus Network:</b> A cooperation network that gathers higher education institutions around the implementation of the principles and practices of sustainable development concerning the environmental, social and economic aspects.</p> <p><b>Coimbra Centre for Human Rights:</b> Research, survey, and teaching in human rights.</p> <p>🌐 <b>Students in humanitarian emergency - Ukraine</b></p> <p>🌐 <b>Global platform for Syrian students:</b> Global collaborative Network and Platform to promote the access to higher education of Syrian students affected by the war.</p> <p>🌐 <b>UC Open Science:</b> Commitment to the Open Science and positioning at the forefront of a movement cross cutting in scientific institutions, policy makers, economic agents, and all forms of expression of an active citizenship.</p>
Alexandru Ioan Cuza University of Iași	<p>Projects on the development of legal and entrepreneurial competencies of students, such as IUSMART (<b>Educația juridică și antreprenorială - cheia succesului în afaceri! (IUS SMART) - Universitatea „Alexandru Ioan Cuza” din Iași (uaic.ro).</b></p>
Friedrich Schiller University Jena	<p>Master Programme <b>International Organizations and Crisis Management</b> trains students to strengthen international cooperation and how to achieve peace in crisis regions.</p>

<sup>13</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/16\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/16_Why-It-Matters-2020.pdf)

	The <b>guiding principle of the university</b> <a href="#">LIFE LIGHT LIBERTY</a> supports in its liberty focus strong institutions that guarantee the rule of law in all aspects of science and life.
University of Pavia	 Participation to the project Erasmus+ <a href="#">ESAGOV</a> in Algeria, that aims at reinforcing the quality approach of governance in Algerian universities.
University of Poitiers	<p>In the context of the conflict between Ukraine and Russia, the university has set up <a href="#">a few actions</a>: opening of a <b>psychological support</b> unit for Ukrainian and Russian students/staff, a collection of donations (financial and materials).</p> <p>Through the programme <a href="#">“PAUSE”</a> (<i>National Programme for Emergency Assistance to Scientists in Exile</i>), the institution helps in <b>welcoming urgently scientific refugees in exile</b>.</p>
University of Salamanca	<p><a href="#">International Human Rights Award "Escuela de Salamanca"</a> recognises "commitment to protect human rights and contributes to the recognition, promotion, dissemination or study of human rights at national and international level".</p>  <a href="#">PHARM European project</a> for the prevention of hate crimes against migrants and refugees
University of Turku	<p>The <a href="#">Centre for Parliamentary Studies</a> is a research unit specialized in the study of democracy, parliamentarism and the Finnish parliament. The Centre was founded in 2002 within the Department of Contemporary History. During its ten years of operating, the Centre for Parliamentary Studies has carried through numerous research projects regarding the history of Finnish parliamentarism, the historical change of the political public sphere and electoral democracy.</p>  <a href="#">Resilience Academy</a> is a partnership between four academic institutions in Tanzania: Ardhi University (ARU), University of Dar es Salaam (UDSM), Sokoine University of Agriculture (SUA) and State University of Zanzibar (SUZA) with the University of Turku (UTU) from Finland. It is an initiative of the Tanzania Urban Resilience Program (TURP), a partnership between the Government of Tanzania, the World Bank, and the Foreign, Commonwealth and Development Office (FCDO).



#### 14. UNSDG n°17 - Partnerships for the goals

**UNSDG n°17 – Partnerships for the goals:** the goal is to ‘revitalize the global partnership for sustainable development’<sup>14</sup>.

Partner university	Actions related to the UNSDG n°17
University of Coimbra	<p><b>Coimbra 2030</b> A joint project of the University of Coimbra, the Intermunicipal Community of Coimbra Region, and the Pedro Nunes Institute, which aims to support the economic and social development of the Coimbra Region, in order to respond to the unprecedented crisis context in modern times: a public health crisis, due to the COVID-19 pandemic, with unpredictable future and immediate impact, on a global scale, on the economy and, therefore, on people’s lives.</p> <p><u><b>Networks and strategic partnerships for sustainable development:</b></u></p> <ul style="list-style-type: none"> <li>- SDG PORTUGAL ALLIANCE</li> <li>- GLOBAL COMPACT NETWORK PORTUGAL</li> <li>- UNITED NATIONS GLOBAL COMPACT</li> <li>- PORTUGUESE PACT FOR PLASTICS</li> <li>- SUSTAINABLE CAMPUS NETWORK</li> <li>- ORSIES   OBSERVATORY FOR SOCIAL RESPONSIBILITY AND HIGHER EDUCATION INSTITUTIONS</li> </ul> <p> <b>Office for Cooperation and Development:</b> Support to cooperation actions with a view to capacity building of higher education systems and institutions in emerging and developing countries, especially the Portuguese-speaking ones.</p>
Alexandru Ioan Cuza University of Iași	Implementing the <b>Erasmus+ strategy for digitalization and green mobility.</b>
Friedrich Schiller University Jena	<p><u><b>UNESCO-Chair on Global Understanding for Sustainability</b></u> is networking with other global chairs to develop innovative proposals for sustainable development.</p> <p><u><b>Several international partnerships</b></u> allow students from all other the globe to participate in the programs that train students to achieve the SDGs.</p>

<sup>14</sup> [https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/17\\_Why-It-Matters-2020.pdf](https://www.un.org/sustainabledevelopment/wp-content/uploads/2019/07/17_Why-It-Matters-2020.pdf)

<p><b>University of Pavia</b></p>	<p>UNIPV is part of the <a href="#">RUS</a> (Rete delle Università per lo sviluppo sostenibile - <b>Network of Universities for Sustainable Development</b>)</p> <p>The <b>Centre for Global Strategic Engagement-GLOBEC</b> has created a <b>Fundraising Network in support of sustainable development</b> which involves the entire university community, also by providing training opportunities for students and volunteers</p> <ul style="list-style-type: none"> <li>Participation to a project financed by the Italian Ministry of Foreign Affairs in Somalia, that aims at the capacity building of the Somali National University</li> <li>Set up of the <a href="#">Cooperation and Development Network</a>, a network of Masters focused on cooperation and development in Palestine, Colombia, Kenya and Nepal</li> <li>Participation to a project financed by the Italian Agency for Cooperation in Kenya, that aims at fostering research and education on human development</li> <li>CICOPS (International Development Cooperation Commission) has launched the “CICOPS Fellows”, i.e. ambassadors of UNIPV at their home institutions, creating a vast “diplomatic network”, in more than 50 countries. The <a href="#">CICOPS Fellows</a> Program provides high-level conferences on international cooperation, etc.</li> <li>UNIPV joins multiple international networks that concretely promote Goal 17: <a href="#">EUA</a>, <a href="#">Coimbra Group</a>, <a href="#">UNIMED</a>, <a href="#">EAIE</a>, <a href="#">ISEP</a>, <a href="#">EMUNI</a>, <a href="#">CUIA</a>, <a href="#">SISTERR</a> (The Territorial System for International Cooperation) , <a href="#">CUCS</a> The University Coordination for Development Cooperation, <a href="#">Scholars at Risk (SAR)</a>, <a href="#">EADI</a>.</li> <li>UNIPV has joined the pilot initiative “<a href="#">Little Book of Green Nudges</a>”, launched by UNEP - United Nations Environment program, to boost a shift towards sustainability in the University campuses</li> </ul>
<p><b>University of Poitiers</b></p>	<p>The institution is in line with the Erasmus+ programme’s strategy with the implementation of green mobilities.</p> <p><a href="#">Défis Coimbra</a>: a group of students will travel in an environmental-friendly manner to the twin city of Poitiers and university Partner; Coimbra. The objectives are to promote green mobilities and European citizenship.</p>

	<p><b>UNESCO-Chair:</b> an international network that contributes to the UNESCO missions by promoting sustainable and innovative development while enhancing academic communities' prospective capacities.</p>
University of Salamanca	<p><b>"Manuel Andrés Sánchez" Cooperation Grants</b> (MAS Grants) to participate in activities regarding international cooperation for development</p>
University of Turku	<p>The <b>Finnish expert panel for sustainable development</b> is an independent body which helps to lead Finland towards sustainable development by adding scientific and ethical views to decision-making processes and societal dialogue. The ten expert members of the panel represent a broad range of scientific fields, universities, and research institutions. They bring together the cultural, ecological, social, political, technical, and financial, as well as health- and climate-related, views of sustainability. The panel helps to identify systemic problems associated with sustainability and potential ways to solve them. Furthermore, the panel aims to accelerate and predict societal changes that will enhance human wellbeing, while safeguarding the environment.</p> <p><b>Forum for sustainable development in higher education in Finland.</b> The BUP network is coordinated by the Baltic University Programme Coordinating Secretariat at Uppsala University in Sweden. In the Baltic University Programme the BUP Finland is both a BUP Associate Secretariat and a National Centre. Education is the main responsibility of the BUP Finland. We arrange courses, workshops, and other programme for students, teachers and researchers in higher education.</p> <p> <b>EIT Climate-KIC</b> is a Knowledge and Innovation Community, working to accelerate the transition to a zero-carbon, climate-resilient society. We bring together partners in the worlds of business, academia, and the public and non-profit sectors to create networks of expertise, through which innovative products, services and systems can be developed, brought to market and scaled-up for impact.</p> <p> <b>Sustainable Development Solutions Network</b> promote integrated approaches to implement the Sustainable Development Goals (SDGs) and the Paris Agreement on Climate Change, through education, research, policy analysis, and global cooperation.</p>



## II. Concluding remarks

The section above clearly shows a diversity of actions led by the seven Partner universities of the Alliance, with concrete campus-based actions related to the 14 other United Nations Sustainable Development Goals. The list of local and global activities equally highlights the similarities between the Partner universities of the Alliance, the shared vision and missions that all members strive to implement on a day-to-day level. Note here that these concrete actions have an impact on the academic community, citizens, and local stakeholders.

This deliverable, in itself, serves three main purposes:

- **Sharing of best practices across the EC2U Alliance:** this document will be made accessible to all members of the Alliance. The list of individual activities, in particular, will act as a pool of ideas, a multiplier and a source of inspiration for Partner members, thus allowing them to duplicate certain campus-based actions locally.
- **Defining additional activities for the EC2U Fora:** as the campus-based actions led by the Partner universities (whether local or global) stem from shared missions, values, and vision, certain UNSDGs actions can serve as a basis for future common activities organised during the EC2U Fora, by integrating additional activities linked to the other 14 UNSDGs. These activities could be the opportunity to openly and effectively share the various initiatives of the seven Partner universities and disseminate concrete results.
- **Provide a basis for the future proposal and the potential activities that can be led by the Alliance:** the activities identified show the strengths of the Partner universities and will allow the Alliance to establish a first map of the different actions related to the UNSDGs in which the members are prominently active.

*The above-mentioned is not officially included in the EC2U strategy and concrete actions are yet to be collegially defined with all Partner universities.*



Please note that the content of this activity / deliverable is available in the different languages of the EC2U Alliance upon request.