

# ENVIRONMENTAL CAMPUS BIRKENFELD

## SUSTAINABLE TOURISM 4 THE REGION

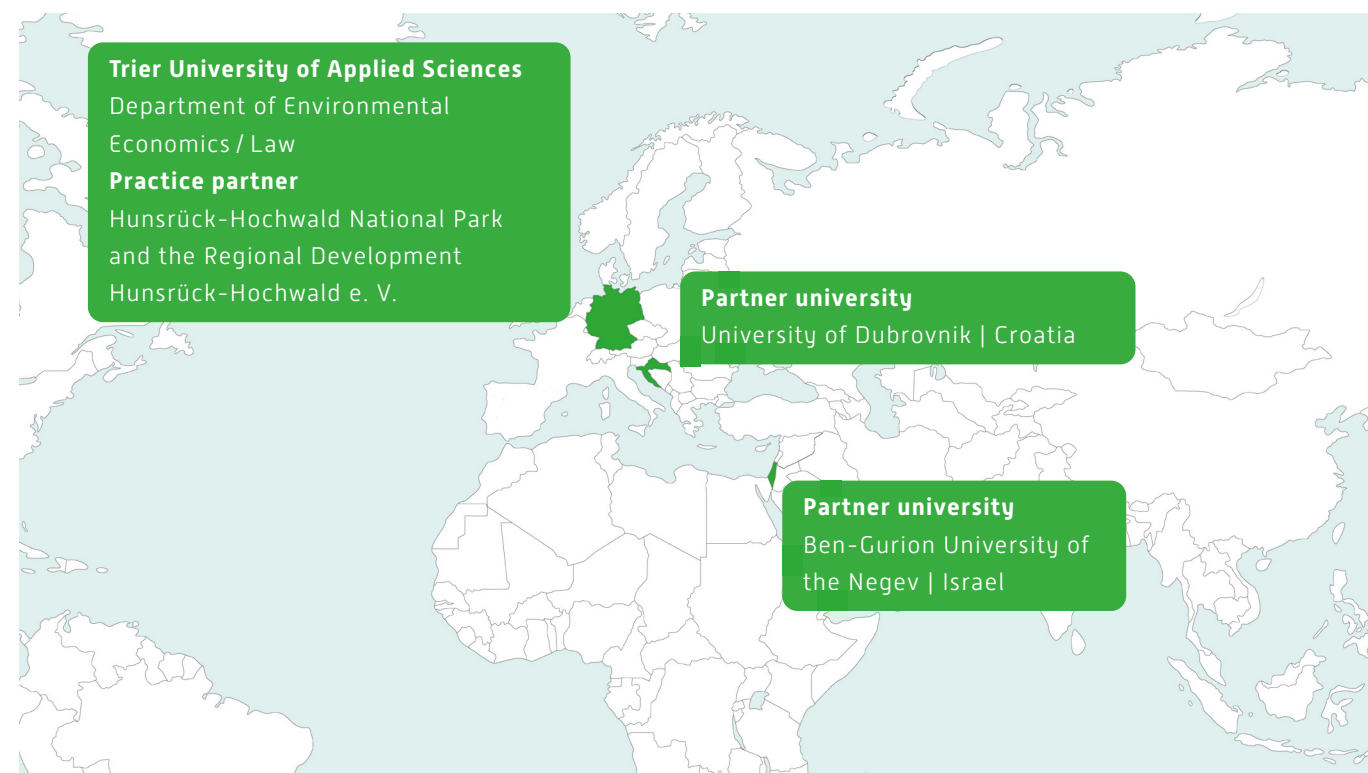


### PROJECT TIMEFRAME

Summer semester 2022



### PROJECT PARTNER



### BRIEF DESCRIPTION & PROJECT OBJECTIVES

The aim of the project "Sustainable Tourism 4 the Region" is to develop an understanding for the interpretation of the global agenda of the United Nations with regard to sustainable tourism. Using the example of the Hunsrück-Hochwald National Park, students from Trier Uni-

versity of Applied Science are working together with students from our partner universities in Israel and Croatia to develop holistic concepts for eco-tourism that reconcile ecological, social and economic sustainability goals.



### PROJECT DESIGN

The project is divided into three phases: 1) A trans-national online lecture series provides students with knowledge in regional development, sustainability management, civil society and environmental and planning law. 2) Students work virtually in internationally mixed teams to develop concept ideas for soft tourism to meet the specific challenges of the practice partners. 3) In a final project week at Trier

University of Applied Sciences, the student teams present their concepts not only to the practice partners, but also to other stakeholders and the public. For this purpose, they organise a citizens' forum that takes into account the concept of public participation in regional planning events and thus strengthens the sense of democracy and the right to have a say in shaping the living environment.



### SUSTAINABLE DEVELOPMENT GOALS



### CONTACT DETAILS OF THE PROJECT MANAGERS

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## CAMPUS FOR ART AND DESIGN SUSTAINABLE FASHION

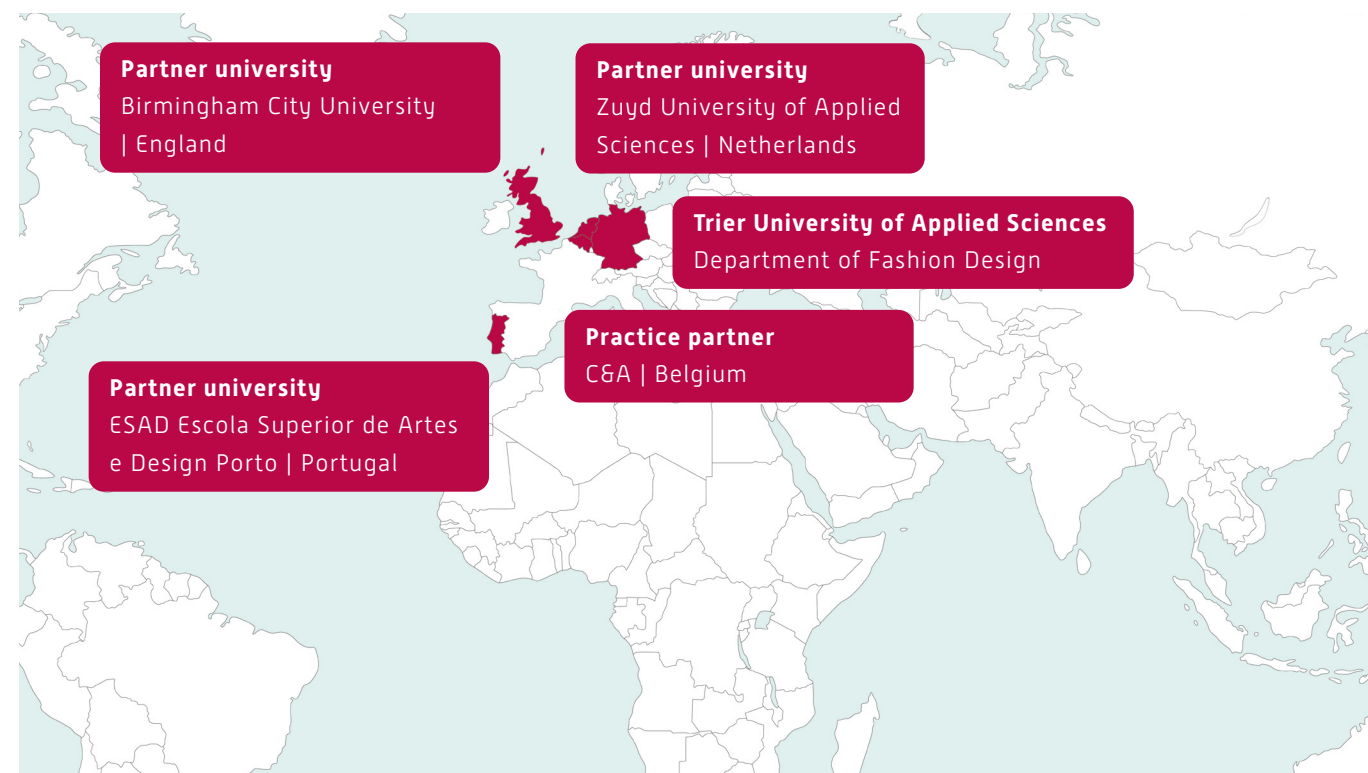


### PROJECT TIMEFRAME

Summer semester 2022



### PROJECT PARTNER



### BRIEF DESCRIPTION & PROJECT OBJECTIVES

The aim of the project "Sustainable Fashion" is to develop applied, sector-specific solutions for greater sustainability in the fashion industry and to exchange best-practice approaches from

Germany, Netherlands Portugal, Belgium and England. The Global Sustainable Team of the fashion company C&A in Belgium acts as the client.



### PROJECT DESIGN

The project is divided into three phases: 1) During a kick-off project week at Trier University of Applied Sciences, workshops are held on issues of ecology, economy, and culture in the fashion industry from the perspective of sustainability. 2) In international virtual teams, the students develop solutions for C&A to make product developments and processes in the

fashion and consumer goods industry more environmentally and socially compatible. They are accompanied in regular virtual coaching sessions by the practice partner and the teaching staff. 3) In a final project week in Portugal, the international student teams present their final concept ideas.



### SUSTAINABLE DEVELOPMENT GOALS



### CONTACT DETAILS OF THE PROJECT MANAGERS

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## MAIN CAMPUS SOCIAL ENTREPRENEURSHIP IN THE GREATER REGION

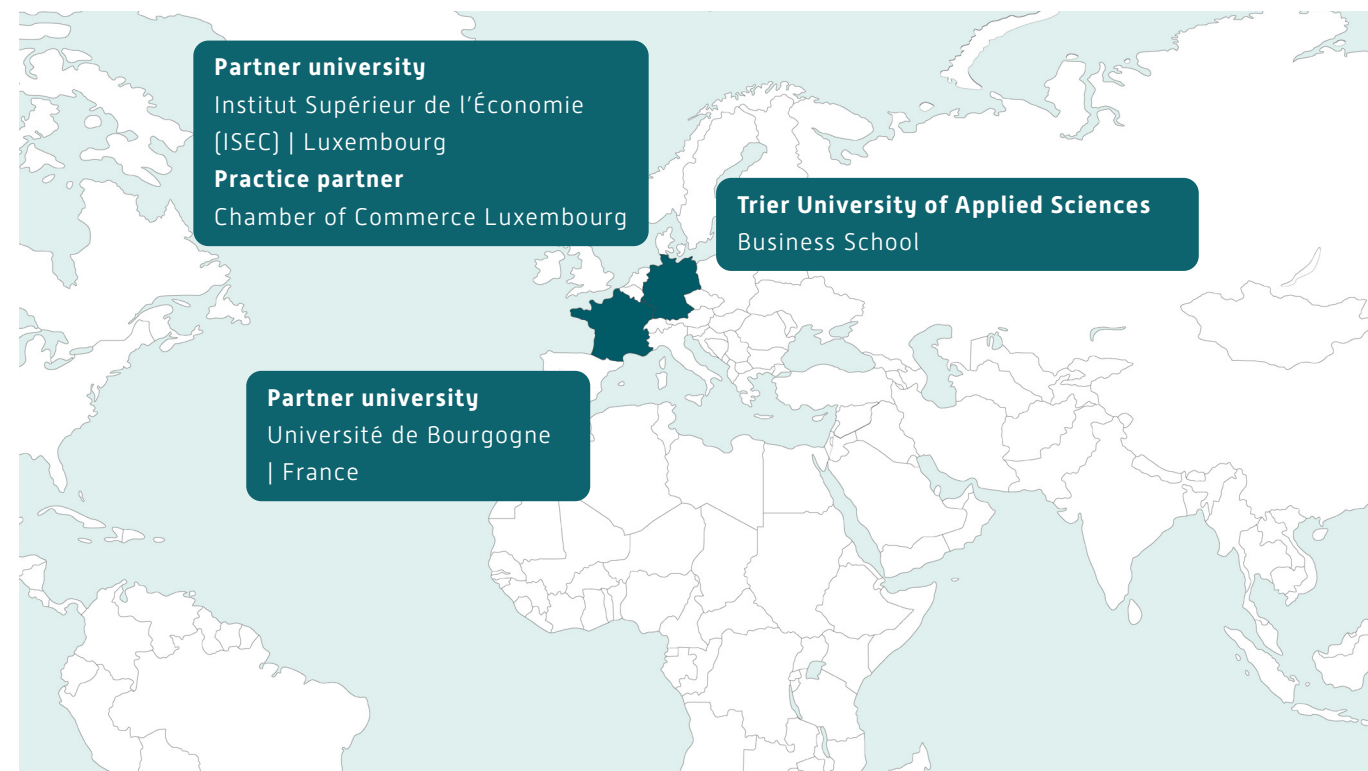


### PROJECT TIMEFRAME

Winter semester 2022/2023



### PROJECT PARTNER



### BRIEF DESCRIPTION & PROJECT OBJECTIVES

The aim of the project is the development of social innovations for the Greater Region by competing international student teams. The Luxembourg Chamber of Commerce, with its

network of cooperation partners, evaluates the marketability of the start-up ideas and advises the student teams as a sounding board.



### PROJECT DESIGN

The project is divided into three phases: 1) The kick-off is a 3-day camp at Trier University of Applied Sciences with workshops on "Social Entrepreneurship" and "The Business Model Canvas". 2) The international founding teams develop their concept idea virtually, including market analysis, segmentation and positioning, and present it to the practice partners at a mid-term meeting in Luxembourg. Digital

input sessions of successful founders and social innovators as well as weekly digital team coachings by the accompanying teachers support the students in this process. 3) During a 3-day final conference in France, the student teams develop a resource plan including a business plan and present their final pitch to the investors.



### SUSTAINABLE DEVELOPMENT GOALS



### CONTACT DETAILS OF THE PROJECT MANAGERS

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# ENVIRONMENTAL CAMPUS BIRKENFELD SUSTAINABLE BUSINESS – GAINING SKILLS FOR TACKLING TOMORROWS CHALLENGES

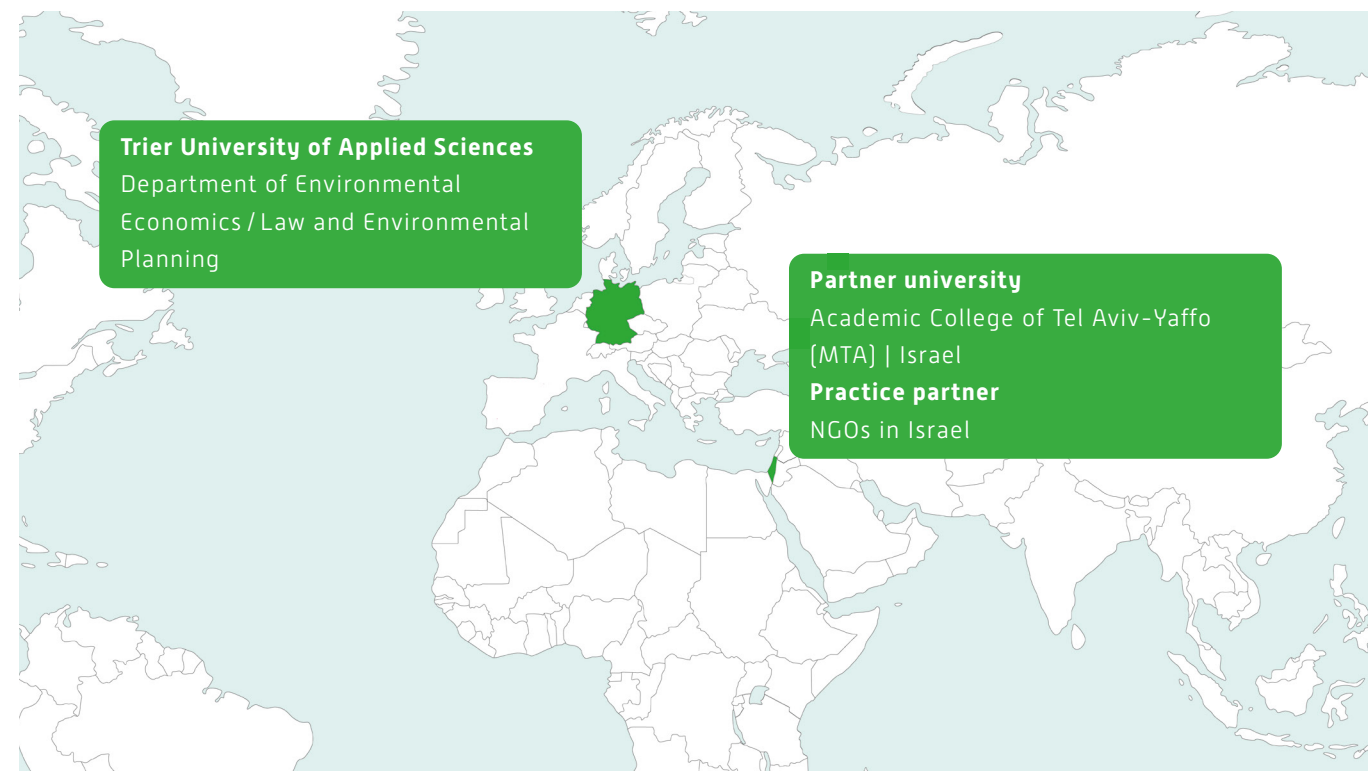


## PROJECT TIMEFRAME

Summer semester 2023



## PROJECT PARTNER



## BRIEF DESCRIPTION & PROJECT OBJECTIVES

The project “Sustainable Business” focuses on the promotion of entrepreneurship in the context of the UN’s 17 Sustainable Development Goals. For this purpose, Trier University of Applied Sciences cooperates with university and practice partners

in Israel as one of the world’s leading innovation hubs for entrepreneurship and venture capital within the framework of an international blended mobility project.



## PROJECT DESIGN

The project is divided into three phases: 1) Transnational virtual learning phase “Environmental Thinking – Is climate crisis an opportunity for change?”: Students learn environmental thinking and the international framework for action based on practical examples from NGOs in Israel. 2) Transnational virtual learning phase “Business Models and the value creation process”: What is the use of innovative ideas for sustainable concepts if it cannot be proven and

demonstrated how they are viable? Students learn to understand their projects as business models in internationally mixed teams. 3) One-week final workshop in Israel: Students apply their knowledge and develop solutions in international teams for a challenge of the practice partners. Afterwards, they present their concepts in front of a jury of professors and practice representatives.



## SUSTAINABLE DEVELOPMENT GOALS



## CONTACT DETAILS OF THE PROJECT MANAGER

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MAIN CAMPUS  
SUSTAINABLE HEALTH CARE

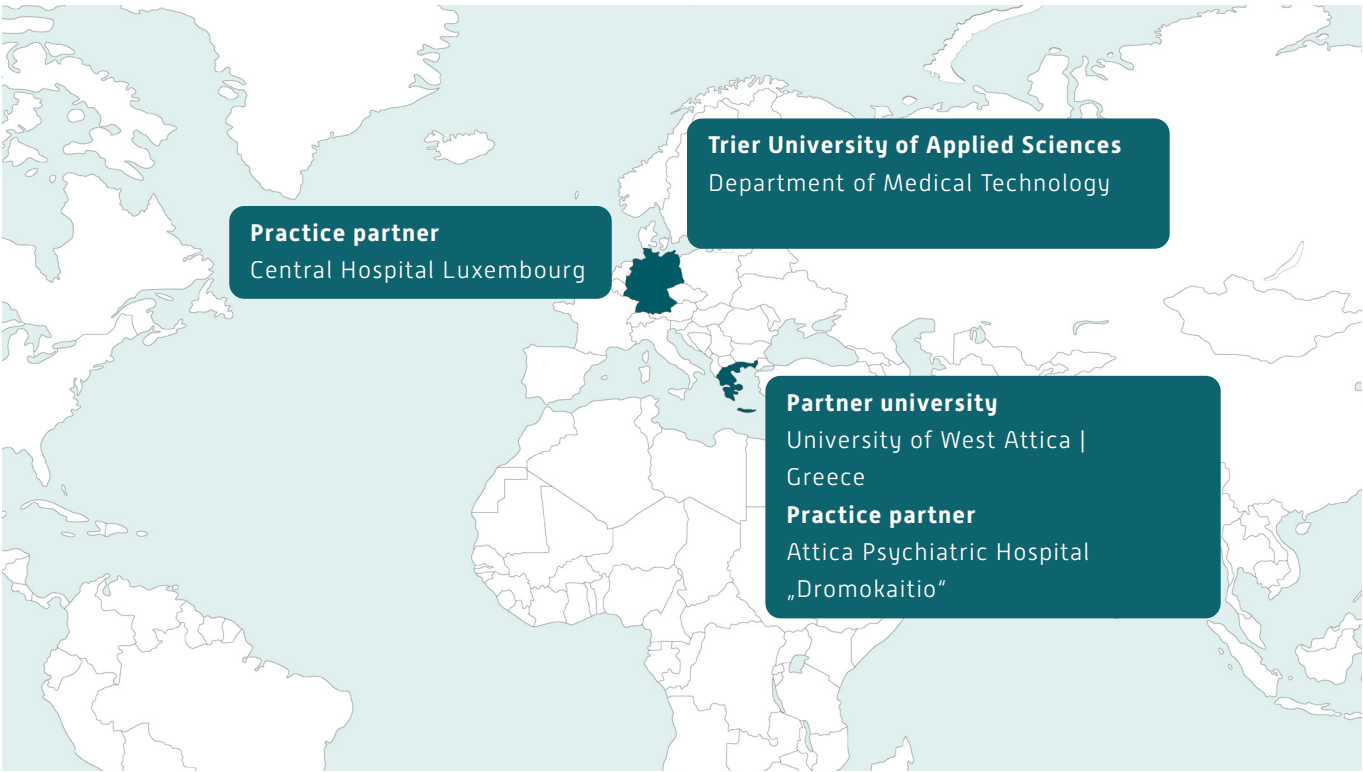


PROJECT TIMEFRAME

Winter semester 2023/2024



PROJECT PARTNER



BRIEF DESCRIPTION & PROJECT OBJECTIVES

The "Sustainable Health Care" project combines scientific work from the fields of machine learning, signal processing and sensor technology with medical issues. The goal is to improve and simplify diagnostics and thus reduce costs

in the healthcare system. The Central Hospital Luxembourg and the Attica Psychiatric Hospital "Dromokaitio" in Greece are involved as clinical research partners and challenge donors.



PROJECT DESIGN

The project is divided into three phases: 1) A transnational online lecture series on machine learning and diagnostics with the integration of medical expert lectures forms the theoretical basis. 2) In international and interdisciplinary mixed teams, students develop solutions for medical partners to use widely available sensors, some of which are built into smartwatches, with new signal processing in diagnostics.

Faculty act as mentors in regular online sessions and evaluate progress. 3) During a one-week final conference in Greece, the student teams present their solutions to the practice partners. These are then discussed in workshops and initial outlines of ideas for further joint research projects with the clinical partners and for international theses are developed.



SUSTAINABLE DEVELOPMENT GOALS



CONTACT DETAILS  
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# CAMPUS FOR ART AND DESIGN SUSTAINABLE CONSTRUCTION IN DEVELOPING COUNTRIES

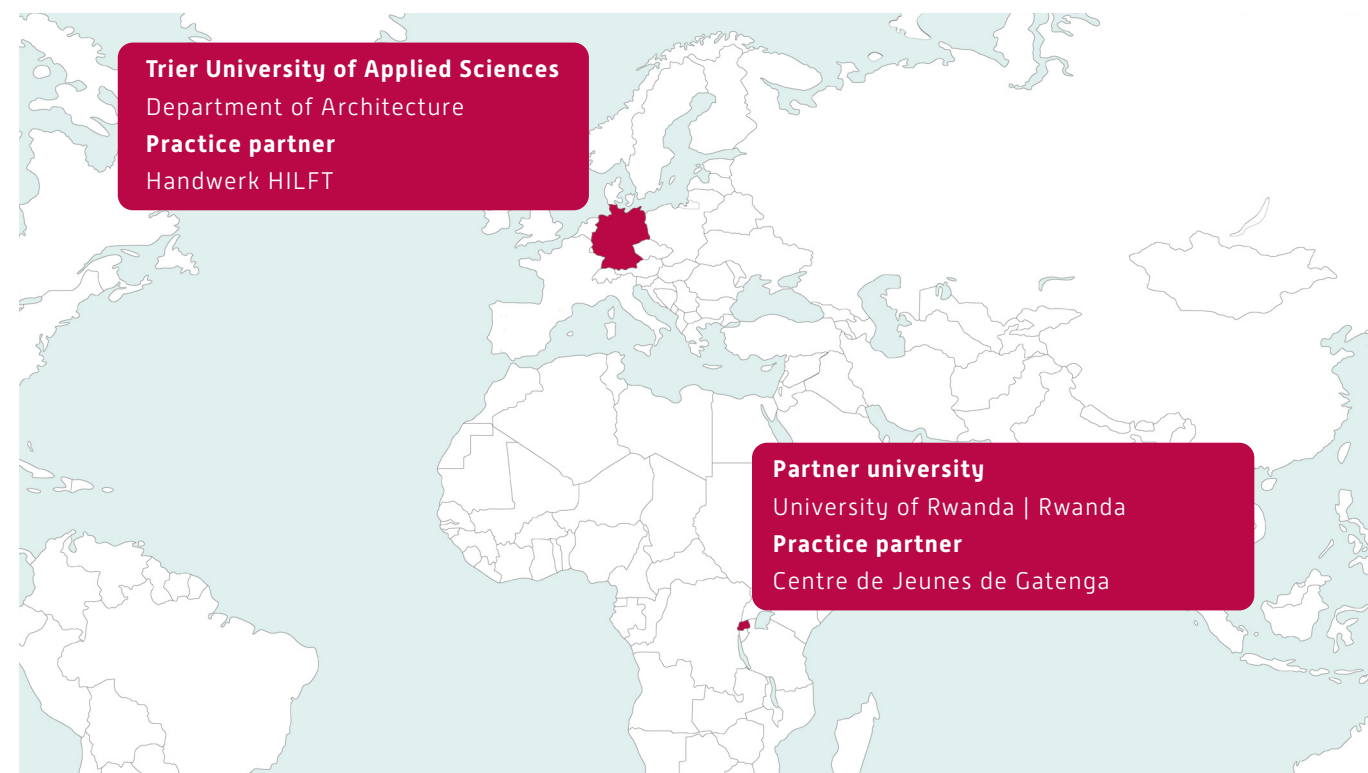


## PROJECT TIMEFRAME

Winter semester 2023/2024



## PROJECT PARTNER



## BRIEF DESCRIPTION & PROJECT OBJECTIVES

The aim of the project "Sustainable Construction in Developing Countries" is the concept development and the construction of a multipurpose space for the Rwandan practice partner Centre de Jeunes de Gatenga as well as the best practice exchange on

sustainable construction methods in developing countries. The students of Trier University of Applied Sciences work together with students of the partner university in Rwanda as well as trainees of the partner Handwerk HILFT.



## PROJECT DESIGN

The project is divided into three phases: 1) International lecture series on building aspects of sustainability and development aid with a focus on studies on the shade roof. Students in international teams develop initial designs that take into account the available local resources as well as climate-relevant aspects. 2) Project week at Trier University of Applied Sciences, during which the semi-finished products are manufactured with the help of young

craftsmen and carpenters from the practical partner „Handwerk HILFT“. 3) Shipping of the semi-finished products from project week to Rwanda: With materials and tools that are available in Rwanda, the students build the meeting place together from the semi-finished products and on the basis of their own designs. In addition, topics of social interaction, health and well-being, gender equality and inclusion are addressed in workshops.



## SUSTAINABLE DEVELOPMENT GOALS



## CONTACT DETAILS OF THE PROJECT MANAGER

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MAIN CAMPUS  
SUSTAINABLE SOFTWARE  
DEVELOPMENT

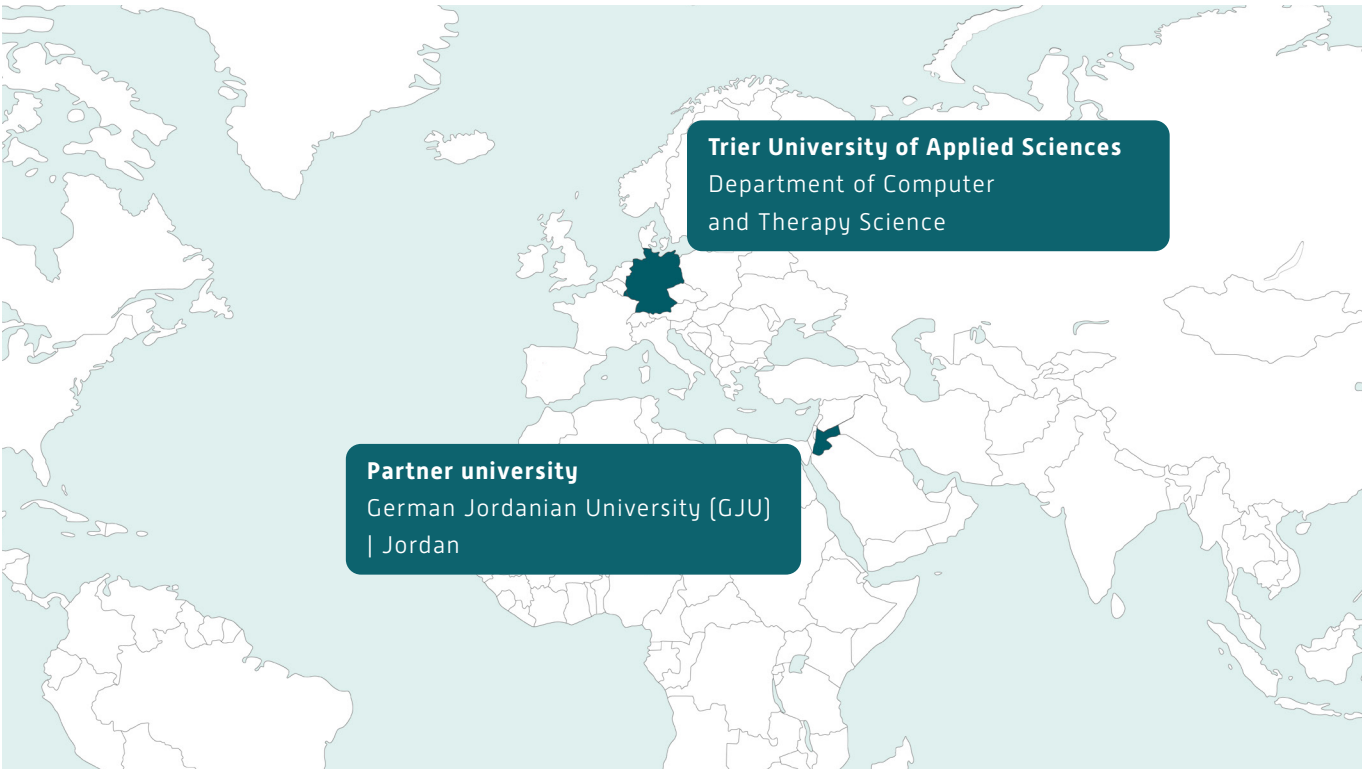


PROJECT TIMEFRAME

Winter semester 2024/2025



PROJECT PARTNER



BRIEF DESCRIPTION & PROJECT OBJECTIVES

The project "Sustainable Software Development" is intended to realistically depict the cycle of sustainable software projects based on the division

of labor. Students go from analysis and planning to implementation and delivery, hereby preparing students for the international job market.



PROJECT DESIGN

The project is divided into three phases: 1) During a four-day kick-off workshop in Jordan, an abbreviated version of software development is simulated. The students then develop ideas for the development of a mobile app in the context of the UN's 17 Sustainable Development Goals (SDGs) and form international teams. 2) The students develop their mobile

apps virtually in their teams and receive input from our international guest lectures, experts in software engineering. 3) The students present their apps at a final conference at Trier University of Applied Sciences. Entrepreneurship workshops enable students to develop a business plan, pitch and commercialize their ideas and found their own startup.



SUSTAINABLE DEVELOPMENT GOALS



CONTACT DETAILS  
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# ENVIRONMENTAL CAMPUS BIRKENFELD

## WATER FOR FUTURE

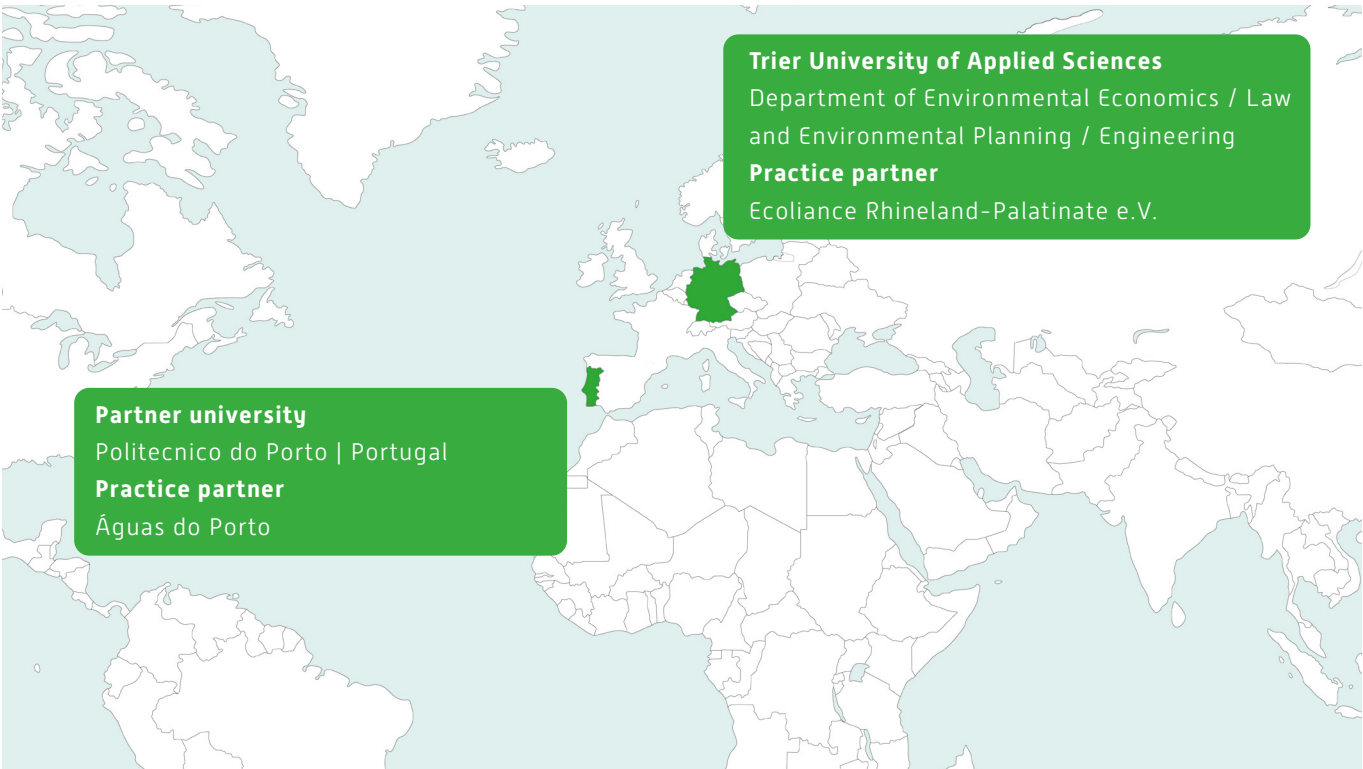


### PROJECT TIMEFRAME

Summer semester 2025



### PROJECT PARTNER



### BRIEF DESCRIPTION & PROJECT OBJECTIVES

In the project “Water for Future” international student teams develop solutions for the challenges of regional and Portuguese water manage-

ment actors from the environment of Ecoliance Rhineland-Palatinate e.V.. and Águas do Porto.



### PROJECT DESIGN

The project is divided into three phases: 1) Connect & Learn: During a kick-off workshop at Trier University of Applied Sciences, the students become more familiar with the topic of water management from the perspective of the Sustainable Development Goals. They learn about the structures, processes and legal regulations of water management in a country comparison, 2) Work & Exchange: The students

virtually investigate the UN’s Sustainability Goals in the context of water management in international teams and create a poster session for this purpose 3) Show & Reflect: The project concludes with a final excursion to Portugal, during which the students present their posters and results to the university and the practice partners.



### SUSTAINABLE DEVELOPMENT GOALS



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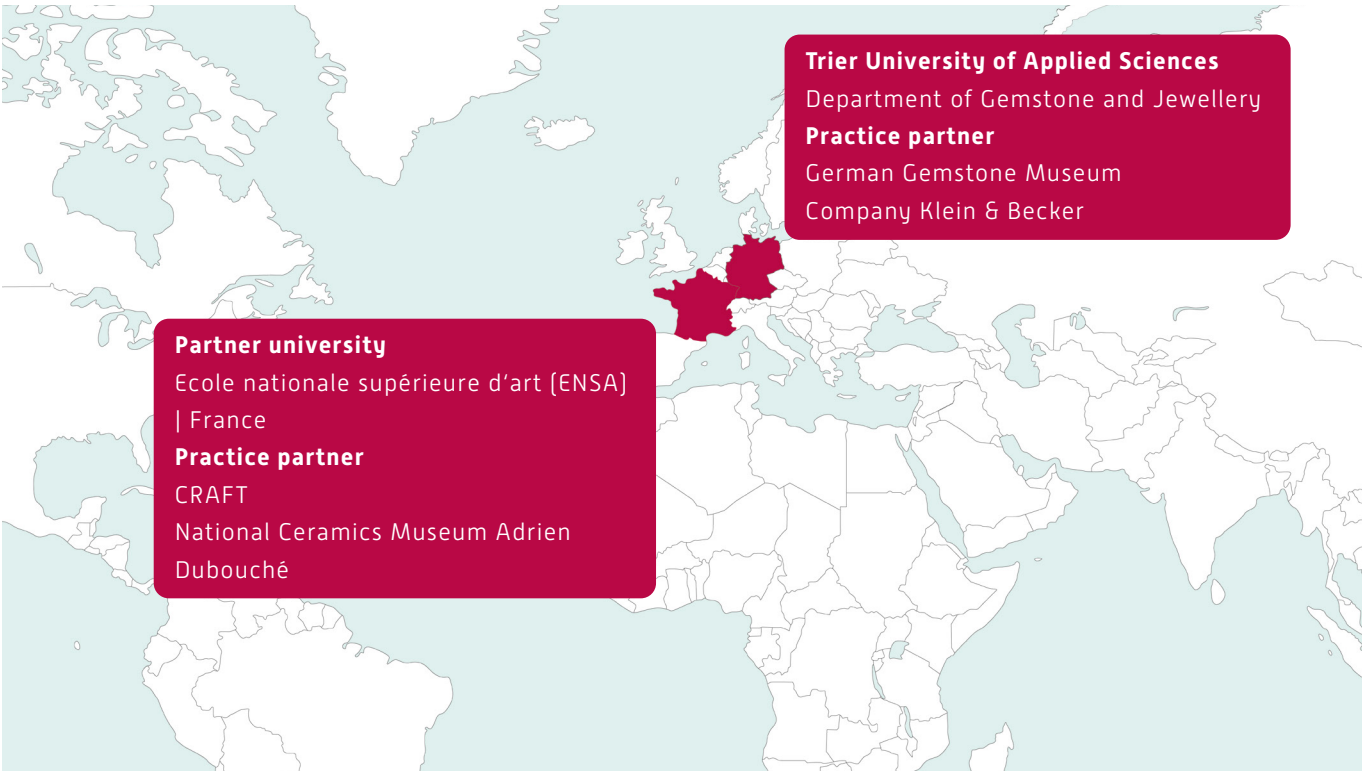
CAMPUS FOR ART AND DESIGN  
EXPLORE A CITY OF CRAFT!



PROJECT TIMEFRAME  
Winter semester 2025



PROJECT PARTNER



BRIEF DESCRIPTION & PROJECT OBJECTIVES

The two craft cities Idar-Oberstein (gemstone) and Limoges (porcelain) are economically, socially and culturally characterized to a high degree by specialization in crafts. Since the end of the 20th century, international competition has led to a rapid decline in the number of production sites

and poses the risk that technical knowledge will be lost on a large scale in the course of structural change. The aim of the project is to transfer the mostly orally handed down craft techniques into the digital age.



PROJECT DESIGN

The project is divided into three phases: 1) Kick-off in France with workshops and excursions on the topic of porcelain. 2) Virtual international project work: The students conduct interviews with master craftsmen, exchange information on this in a virtual context and develop digital concepts, such as a video platform, in order to depict action sequences in an innovative way (safeguarding traditional knowledge). They also create a collection of objects that documents

the influence of craftsmanship on the socio-cultural development of cities. The object collection will be sent to the students of the partner university so that they can incorporate it into the respective jewellery or porcelain creations (tradition and innovation). 3) Final workshop in Idar-Oberstein: workshops on jewellery making and stone working and the possibility to finish hybrid jewellery pieces (made of stone and porcelain).



SUSTAINABLE DEVELOPMENT GOALS



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OF THE PROJECT MANAGER

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