

KLAIPEDA UNIVERSITY

Here you are visible





KLAIPEDA UNIVERSITY

Here You Are Visible

Seeks to educate future specialists and personalities, develop humanist and cultural values, and promote a maritime mentality in the city and nation.



Coastal state university



Modern labs



Leader in marine sciences and studies



UNIVERSITY CAMPUS

1907

The unique complex of buildings was built

1991

Klaipėda University was established



The **only coastal state** University in Lithuania

FACTS

2800

Students

42000

Graduates

30

1st cycle (bachelor's)
study programmes

33

2nd cycle (master's)
study programmes

10

PhD programmes

60

Labaratories





STRUCTURE

Faculties

Faculty of Health Sciences

Faculty of Marine Technologies and Natural Sciences

Faculty of Social Sciences and Humanities

Research Institutes

Baltic Region History and Archaeology Institute

Marine Research Institute

Other Departments

Fleet

Botanical Garden

University Hospital

STEAM centre

FACULTY OF HEALTH SCIENCES

In response to the training needs of regional and national specialists, studies are conducted in 8 academic directions: Nursing and Midwifery; Medical Technology; Social Work; Public Health; Rehabilitation; Tourism and Recreation; Leisure Sports; Pedagogy.

In total, there are 13 study programmes.





FACULTY OF MARINE TECHNOLOGIES AND NATURAL SCIENCES

The Faculty of Marine Technologies and Natural Sciences offers 8 first-cycle, 6 second-cycle and 1 PhD study programmes in the fields of engineering and computer science with more than 450 students on board.

The faculty has **unique** study programmes statewide:

- Maritime transport engineering
- Shipping and port engineering
- Port technology management

FACULTY OF SOCIAL SCIENCES AND HUMANITIES

At the Faculty of Social Sciences and Humanities, studies at all three levels are organized, and scientific, cultural, and educational activities are conducted.

The main goal of the faculty is to nurture highly qualified and broadly educated specialists in humanities, education, and social sciences for Western Lithuania and other regions of the country.

The faculty has 5 laboratories:

Psychophysiology Laboratory, Media Laboratory, Tolerance Education Research Laboratory, Participatory Budgeting Laboratory, EDUTECH STEAM Laboratory





INSTITUTE OF BALTIC REGION HISTORY AND ARCHAEOLOGY

The Institute of Baltic Region History and Archaeology brings together researchers who, by applying theories and methodologies from various scientific disciplines, analyse the change of societies and cultures present in the prehistoric and historical periods of the Baltic Sea region.

The institute conducts history and archaeology studies across all three university study cycles: bachelor, master, and doctoral levels.

MARINE RESEARCH INSTITUTE

Fundamental and applied research on marine and coastal environment, development of marine and maritime technologies.

Research laboratories:

Coastal Environment and Biogeochemistry

Water Transport and Air Pollution

Mechanical and Marine Engineering

Fisheries and Aquaculture



KEY AREAS OF KU EXPERTISE FOR THE MARITIME INDUSTRY

Air
pollution

Marine conservation (protected areas,
reducing pollution, environmental impact
assessment)

Fisheries and
aquaculture

Marine
infrastructure

Renewable energy

Cyber security

Intelligent transport and smart
industry



FLEET

Research vessel MINTIS

A multi-purpose research vessel for complex oceanographic research and applied marine services (since 2014).



Sailing vessel BRABANDER

Classic sailing platform for sailing and diving training, as well as scientific and recreational sailing.

Marine Yacht ODISEJA

Designed for long-distance voyages, the yacht is open to anyone who wants to learn to sail or gain experience and improve their qualifications.

BOTANICAL GARDEN

Established in **1993 m.** Area **9,3 ha**

Living plants cover
145 botanical families **~3500** names of plants

DEPARTMENTS:

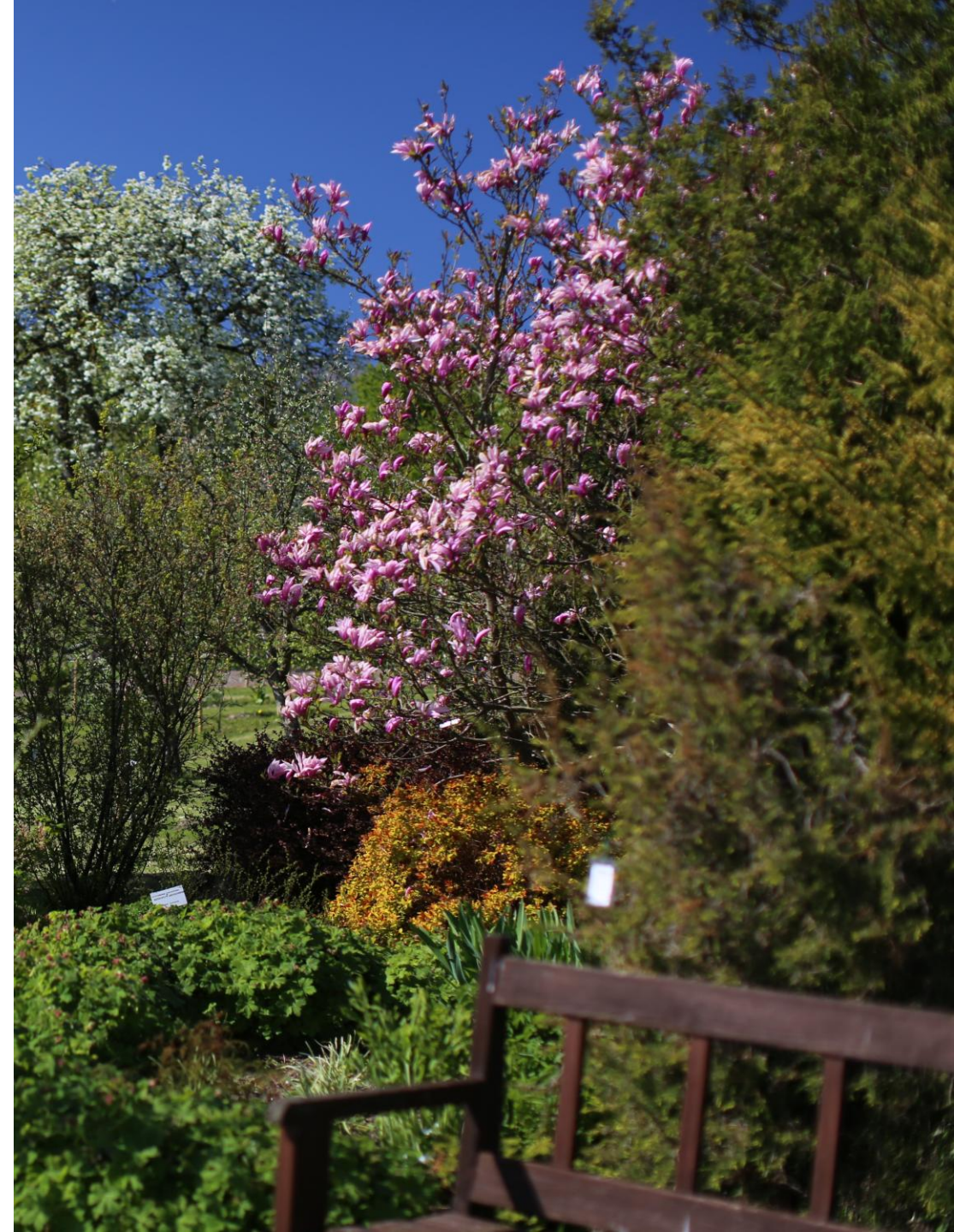
Medicinal-aromatic plants

Dendrological

Herbaceous ornamental plants

Lithuanian Flora

Oriental Gardens



KLAIPEDA UNIVERSITY HOSPITAL

Klaipeda University Hospital, which started functioning in January 2023, has become the third strong, university-level medical center in the country and the largest multi-profile personal healthcare facility in the Western region of Lithuania, offering the widest possible range of services, covering all areas of diagnostics and treatment.



STEAM:

a centre for education in nature,
technology, engineering,
mathematics, and creativity

LABARATORIES:

Biology and Chemistry

Physics and Engineering

Robotics and IT

SPECIALISED

Marine Sciences and
Technological Sciences



SCIENCE AND INNOVATION:

A TOTAL OF 95 SCIENCE PROJECTS
ARE CURRENTLY IN PROGRESS



HORIZON EUROPE

HORIZON EUROPE

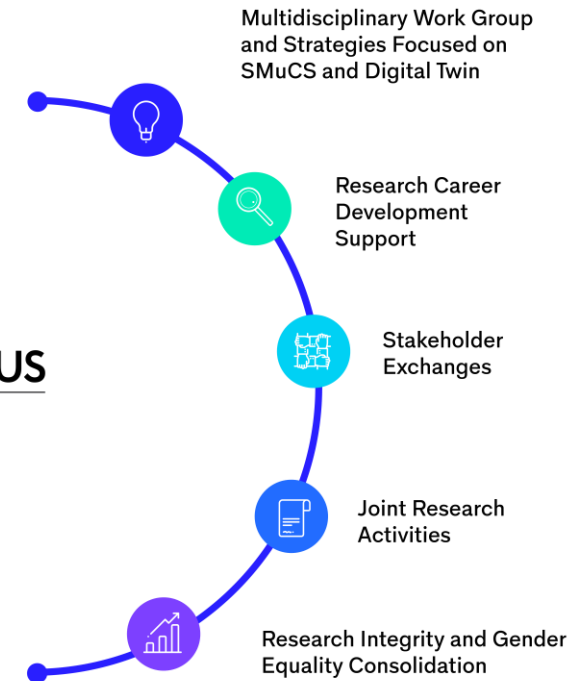
18 applications, 12 ongoing projects

Refest (coordinated by KU) – is aimed at promoting the use of renewable energy in agriculture and the food industry. The project seeks to develop and test innovative technologies, enabling these sectors to reduce greenhouse gas emissions and improve energy efficiency, contributing to the creation of a sustainable future.

TechUpgrade – this initiative aims to foster the application of digital and technological innovations in small and medium-sized enterprises (SMEs), helping them modernize their operations and drive competitiveness. The project provides support for the implementation of new digital technologies and enhances companies' capacity to use advanced IT systems, supporting more sustainable and efficient business development.

Development of the ENABLES Centre of Excellence among 9 EU-CONEXUS partners funded by HORIZON EUROPE

The goal of this project is to create an innovative ecosystem that fosters sustainable synergy between the alliance and its partners (municipalities, ports, and other social partners). It aims to develop long-term solutions to the challenges of smart urban coastal sustainability by utilising the Digital Twins methodology.



CENTRE OF EXCELLENCE FOR SUSTAINABLE COASTAL DEVELOPMENT

Objectives:

1. Join interdisciplinary competencies and create a joint infrastructure for the development of monitoring and quality assessment tools for coastal ecosystems dedicated to recreation (swimming areas and beaches) for public health protection purposes.
2. Create a core infrastructure and competency for assessing air pollution and pollutant dispersion risks in coastal cities to enhance environmental and public health.
3. Develop competencies in marine bioresource utilisation for the search of new high-value compounds and the improvement of public health.
4. Provide competencies and infrastructure that supports the development of evidence-based innovations in the field of public health (physical, emotional, and psychological).
5. Develop solutions for the decarbonisation of maritime transport, improved energy efficiency and service development.
6. Develop maritime risk assessment tools for ensuring port security by utilising advanced analytical tools and information technologies.



PATENTS

2 patents and 3 applications

EP 3865460

Biotechnology for oil spill management in the sea by using straw and microorganisms found along the Baltic Sea coastline.

EP 4190605

Pneumomechanical device that converts the kinetic energy of cargo impact into compressed air potential energy.



InoBioTech Baltic

Development of a biotechnological *in-situ* cleaning method for oil spills in the Baltic Sea



Creating the
future of Lithuania

2014-2020 Operational
Programme for the
European Union Funds
Investments in Lithuania

European Social Fund Cohesion Fund
European Regional Development Fund



Lietuvos
Respublikos
valstybinis
patentų biuras

Patented by:



The background is a solid blue color with several large, black, brushstroke-like shapes. One large shape is in the top left, another is in the top right, and a third, larger one is in the bottom right, all appearing to be painted or drawn over the blue background.

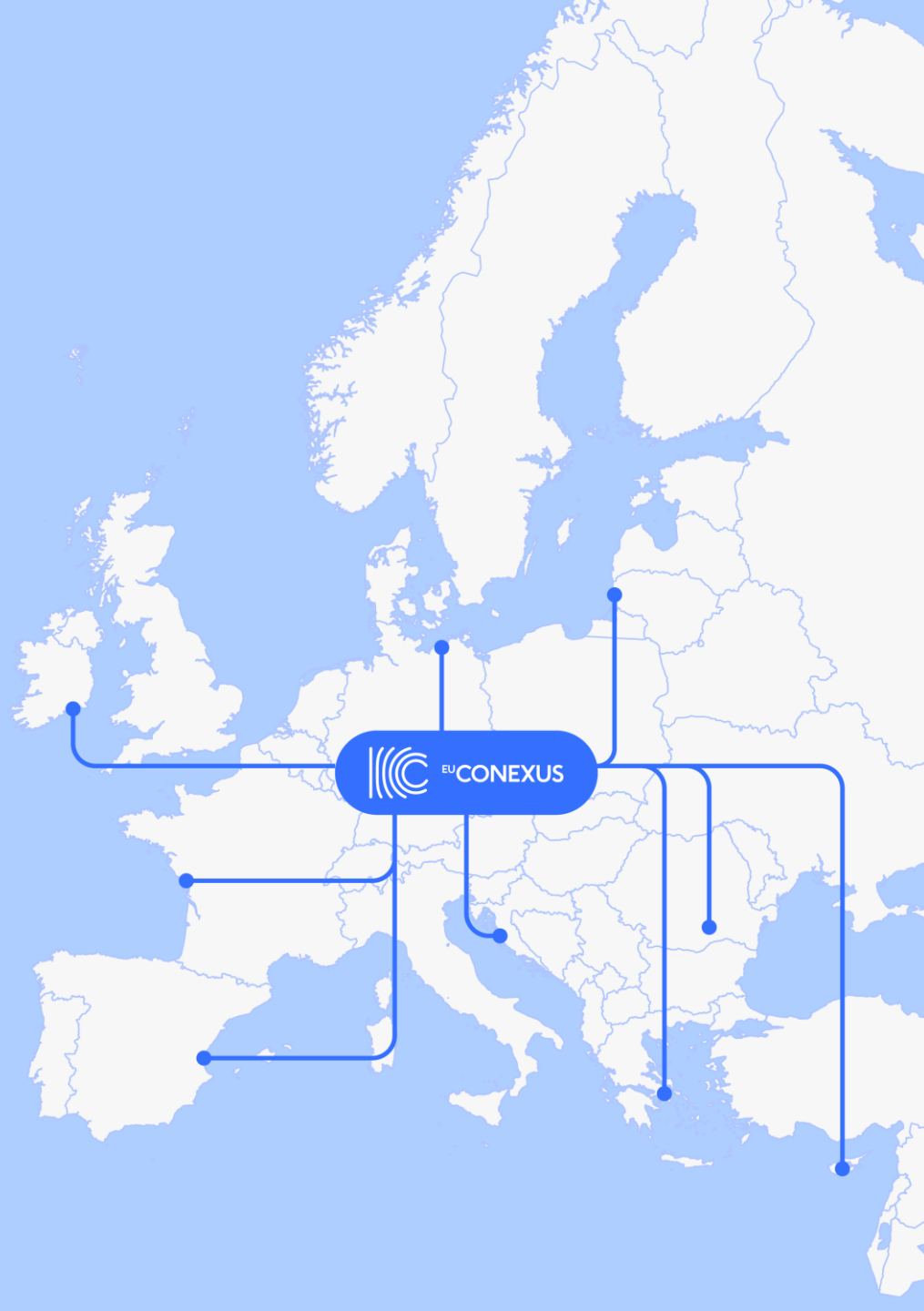
STRATEGIC DEVELOPMENT



EU-CONEXUS: European University for Smart Urban Coastal Sustainability

29 APRIL 2025





A strong partnership covering European coasts

9 Universities **together** have built European
University for Smart Urban Coastal
Sustainability.



— La Rochelle Université,
France

A human-sized university specialising in Smart Urban Coastal Sustainability issues.

— Universidad Catolica de
Valencia, Spain

Professional and personal growth of students, staff and society.

— University of Zadar,
Croatia

A space of creativity and transfer of new knowledge and technologies.

— South East Technological
University, Ireland

Education-focussed collaborative, inclusive, ethical and innovative community

— Agricultural University of
Athens, Greece

Provides a high level of Education and Research since 1920.

— Klaipeda University,
Lithuania

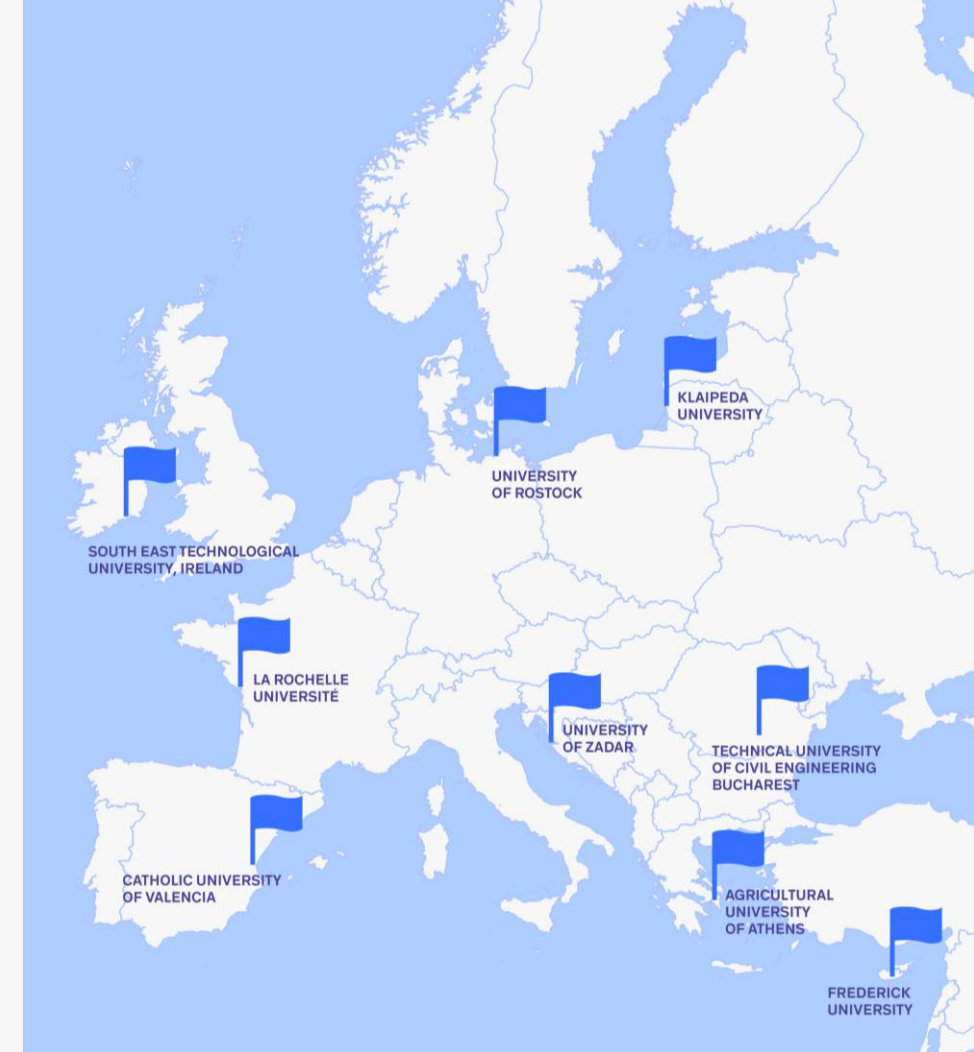
A national and Baltic Region leader in the field of marine sciences.

— Technical University of
Civil Engineering of
Bucharest, Romania

We build education in engineering since 1818 in Romania.

— The University of Rostock,
Germany

University's motto "Traditio und Innovatio"



— Frederick university, Cyprus

Assists students achieve the maximum of their potential and empowers them to have a positive impact to society.

Building an EU-CONEXUS community

71 423 STUDENTS

53638	Bachelor's
14411	Master's
3374	Ph.D.
8303	Foreign Students
1304	Vocational students

8 173 STAFF

4848	Teaching/Research
2866	Administrative
459	Other (technical, infrastructure)

927 PROGRAMMES

358	Bachelor's
381	Master's
132	Ph.D.
56	Postgraduate specialised study programme

50 FACULTIES

72 RESEARCH INSTITUTES



Main objectives of EU-CONEXUS

Joint academic offers

Smart Campus

Blended mobility

Impact on public policies

Joint research area

Cultural diversity

University-industry cooperation

Hub of expertise



Klaipeda
University

Thank you

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Klaipeda University Campus

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