

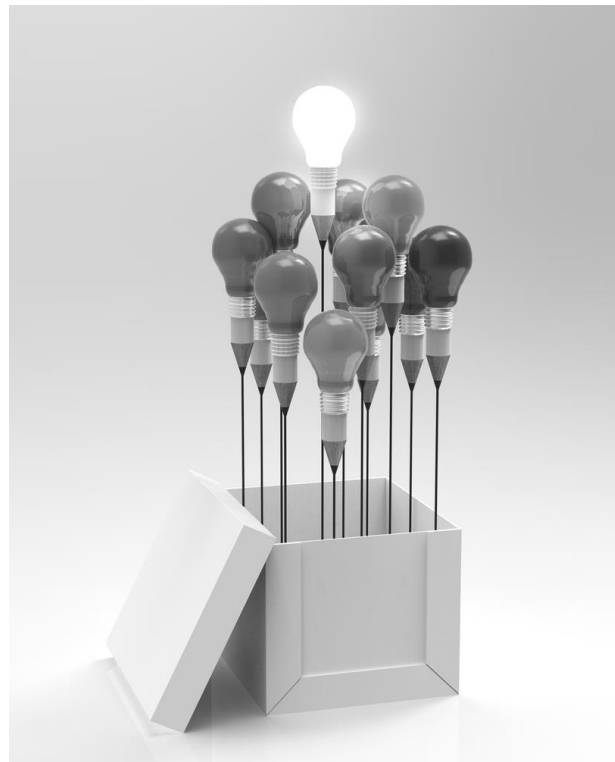
Focus on —  
the Future



Our Competence to Your Business

The biggest excellence network of innovation infrastructure, services and competence in the Baltic countries

- A modern, operating open access R&D facilities, equipment, services, and high-level R&D intellectual potential ...
- ...to create and develop R & D activities in engineering and information technology, biomedicine and biotechnology, materials science, physical and chemical technologies, natural resources and agriculture...
- ...easily accessible and located in the three largest cities of Lithuania – Vilnius, Kaunas and Klaipėda and...
- ... concentrated in five integrated science, studies and business valleys - Saulėtekis, Santara, Santaka, Nemunas and marine.



# Integrated Science, Study and Business Valleys



- Access to skills and networking – concentration of scientists, researchers, developers and university academia, close collaboration of knowledge-intensive businesses with science and study institutions, opportunity to be co-located with other companies in the same sector (clusters) and region
- Research excellence – open access labs, R&D projects supported by EU/state, application of research results in industry and business
- High-quality infrastructure and premises – infrastructure for research, innovation and new technology development and comfortable conditions to establish new technology-oriented businesses – offices, labs, business incubators.
- Increased international competitiveness

SANTARA    SANKA    SAULĖTEKIS    NEMUNAS    MARINE  
V A L L E Y    V A L L E Y    V A L L E Y    V A L L E Y    V A L L E Y



# Integrated Science, Study and Business Valleys

## MARINE VALLEY

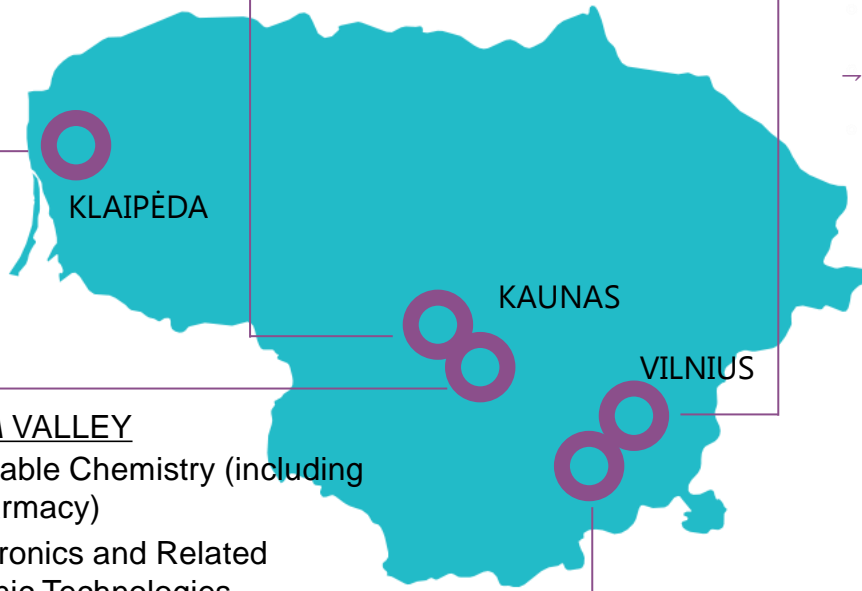
- Marine environment
- Marine technologies

## NEMUNAS VALLEY

- Agrobiotechnology, Bioenergy and Forestry
- Food technology, safety and health

## SANTARA VALLEY

- Biotechnology;
- Innovative Medical Technologies, Molecular Medicine and Biopharmacy;
- Ecosystems and Sustainable Development;
- Informatics and Communication Technologies



## SANTAKA VALLEY

- Sustainable Chemistry (including Bio pharmacy)
- Mechatronics and Related Electronic Technologies
- Future Energy and (including Environmental Engineering)
- Information and Telecommunication Technologies

## SAULĖTEKIS VALLEY

- Laser and Light Technologies
- Materials Science and Nanotechnologies
- Semiconductor Physics and Electronics
- Civil Engineering

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# Open Access Centres

## Open access to R&D



Open access centres – centres of excellence with modern equipment, advanced technologies and world-class scientific potential.

- Do you want to create a new advanced research-based product?
- Do you need experimental research or various measurements?
- Do you want to construct a prototype?
- Is it necessary to improve the existing technology?
- Do you need Professional assistance in research, technology and innovation issues?

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**Researchers and qualified technology transfer professionals working in open access centers, are ready to help you in realizing your business ideas and becoming an innovative market leader.**

# Open Access Centres located in 5 Valleys



## MARINE VALLEY

- National Open Access Centre of Marine Sciences and Technologies



## NEMUNAS VALLEY

- Animal Health and Material of Animal Origin Quality Open Access Centre
- Food Science and Technology Competence Centre
- Open Access Joint Research Centre of Agriculture and Forestry



## SANTAKA VALLEY

- Centre for the Latest Pharmaceutical and Health Technologies
- National Open Access Scientific Centre for Future Energy Technologies
- National Open Access R&D Centre within Kaunas University of Technology

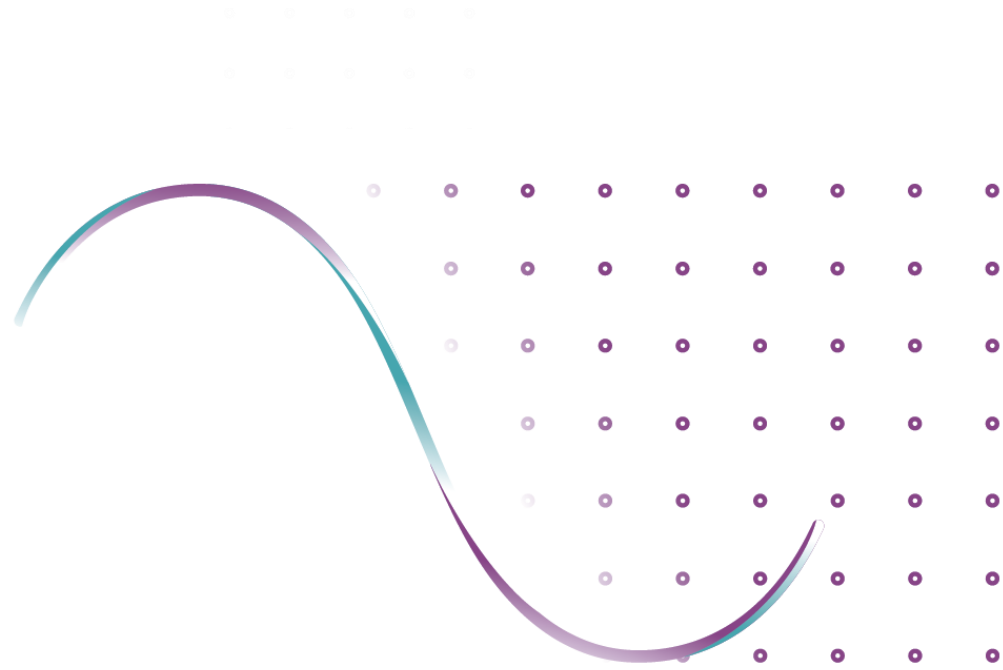
## SAULĖTEKIS VALLEY

- Centre for Physical Sciences and Technology
- Multi-functional laser facility "NAGLIS"
- Civil Engineering Research Centre



## SANTARA VALLEY

- Joint Life Science Centre
- Information Technology Open Access Centre
- Open Access Centre of Nature Research
- Joint Centre of Innovative Medicine



# National Open Access Centre of Marine Sciences and Technologies

M A R I N E  
V A L L E Y

# National Open Access Centre of Marine Sciences and Technologies

Accumulated scientific potential allows us to discover solutions to relevant environmental issues. We are open to your needs and collaboration!

## Fields of our services:

### Marine environment

Oceanographic, hydrological, hydrographic, geological, biological, ecological marine and coastal ecosystems (biological, mineral, energy, water, air, environmental) research.

### Marine technologies

- Marine and coastal engineering and mechatronic systems dynamics research; marine structures and materials research;
- Intelligent transport systems, smart control technologies;
- Shipping ports, industrial, maritime and marine energy technology and equipment research;
- Ship hydrodynamics, mechanics, energy (including alternative), and environmental technologies, systems and equipment research and development.



# National Open Access Centre of Marine Sciences and Technologies

## Modern laboratories and services:

**Laboratory of Marine Ecosystems** is aimed at complex analysis of different ecosystem components and integration of results using multifunctional modelling tools.

**Laboratory of Marine Chemistry** performs physical-chemical analysis of different components of the marine environment.

**Laboratory for Research of Marine Constructions and their Reliability** performs researches in marine bio-engineering, marine mechatronic systems, structural materials, constructions and non destructive control.

**Laboratory of Waterborne Transport Technologies** performs researches in marine hydro-dynamics, energy and environment protection.

**Research vessel** is designed for all major oceanographic researches and expeditionary equipment (hydro-acoustic, geo-physical and navigational equipment; equipment for coastal geodesic and geo-physical researches; equipment for ecological and geological researches) for marine scientific-research expeditions.

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A decorative graphic consisting of a thick, multi-colored sine wave (purple, teal, and blue) that spans across the middle of the slide. To the right of the wave is a grid of small, light purple dots arranged in a regular pattern.

Let's innovate together

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