

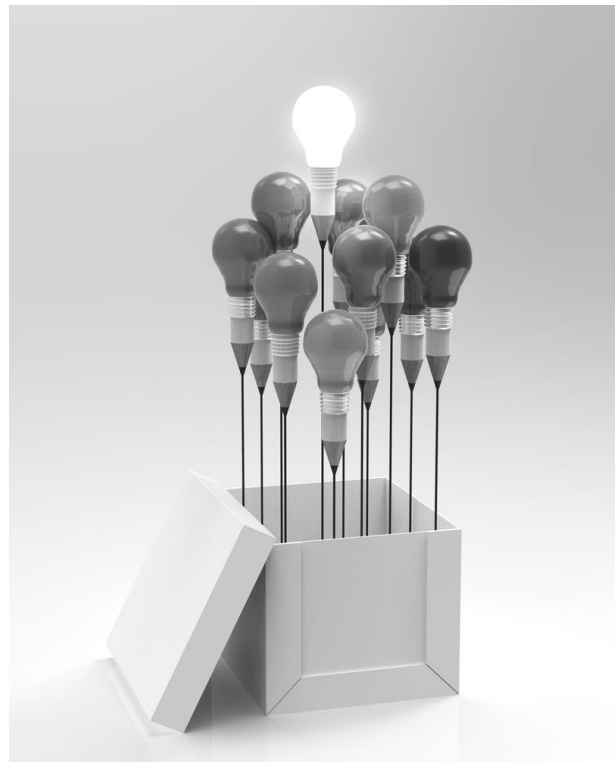
Focus on —
the Future



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 S A N T A K A S A U L Ė T E K I S N E M U N A S M A R I N E
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

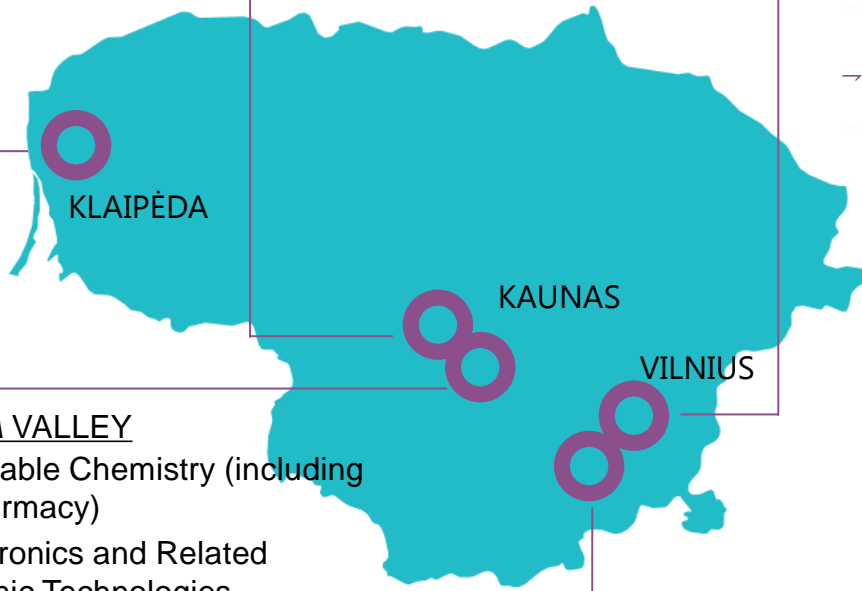
- Marine environment
- Marine technologies

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?

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

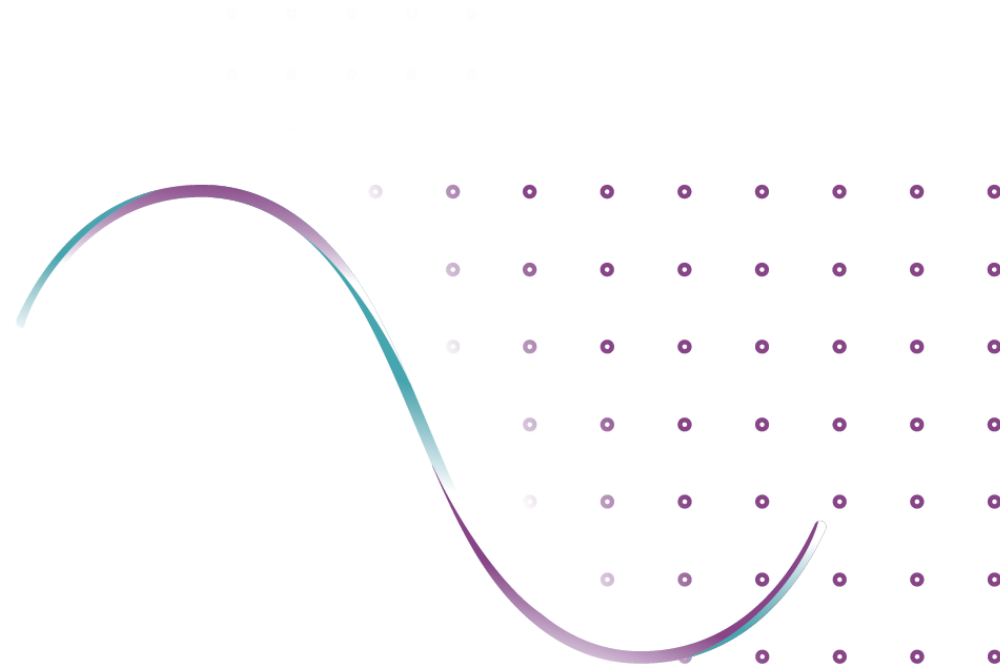
- Centre for Physical Sciences and Technology
- Multi-functional laser facility "NAGLIS"
- Civil Engineering Research Centre



SANTARA VALLEY

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

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Joint Life Science Centre

SANTARA
VALLEY

Joint Life Science Open Access Centre covers modern laboratories, services and top level researchers.

- Services are performed by the top level researchers
- Procedure of provision of services is clearly described and regulated
- Clear pricing
- Provision of complex services
- Possibilities of rent the equipment

Main fields of research:

- Structure and functional research of biomolecules
- Human, plant and microbial genome research
- Antigenicity studies of recombinant viral proteins and development of monoclonal antibodies
- Proteomic analysis
- Structural biology and bioinformatics

Our services:

- Services are performed by the top level researchers
- Procedure of provision of services is clearly described and regulated
- Clear pricing
- Provision of complex services
- Possibilities of rent the equipment

Success story

Sequencing center:

Sequence of the analyzed DNA is determined by an automatic 16 capillar genetic analyzer 3130xl (Applied Bio systems), which performs electrophoresis of fluorescently labelled DNA fragments, their detection with a laser and computational analysis.

Services:

- Preparation of DNA sequencing reaction by using the kit provided the SC, electrophoresis and sequence analysis
- Preparation of DNA sequencing reaction by using client's kit, electrophoresis and sequence analysis

Focus on —
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A decorative graphic consisting of a sine wave in shades of purple and teal, overlaid on a grid of small, light purple dots. The wave starts at the top left, curves down to the right, then up to the right, and finally down to the right, ending at the bottom right.

Let's innovate together

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