MISSIONLATVIA:
Latvia’s initiative for tackling global importance climate, societal and economic challenges

LIAA
Latvijas Investīciju un attīstības aģentūra
Investment and Development Agency of Latvia

missionLatvia aims

CREATING GLOBAL SCALE PLATFORM FOR RAPID INNOVATIONS

- Latvia's call to act together for the common good of global society while understanding its effect on the economic triple bottom line.
- A country platform facilitated by LIAA to accelerate testing, piloting and implementation of innovative policies and sustainable practices with the aim to create environment and instruments for restoring nature resources - "giving back to nature".
- Based on fast-growing tech industries, tackling urgent economic, climate, societal challenges by implementing an ambitious mission.

MISSIONLATVIA

Based on competencies from Latvia

- Historically developed ICT infrastructure and engineering competencies. Latvia is a front-runner in broadband coverage and take-up and is well prepared for the 5G roll-out.
- Industries and ecosystems with high value-added: bioeconomics, photonics, engineering systems, ICT, smart energy & mobility.
- Flexibility to test, pilot and develop supportive legislative instruments (sandbox) for innovations to happen.

Latvia has long been known to the world as pioneers in the field of space exploration. Our scientists have put their skilled hands in the creation of space rockets and artificial earth satellites, and have made a significant contribution to asteroid research. Latvians have even been among the candidates for the first mission to inhabit Mars. Great things in the world do not happen without our Latvian participation.
In the picture - Irbene radio telescope

Supporting goals

We will support Latvia and EU strategies for sustainable, systematic change by reversing impacts on nature resources throughout the economy.

- Latvia Sustainable Development Strategy 2030
- Latvia National Industrial Policy Guidelines 2027
- Digital Transformation Guidelines for 2021-2027
- Latvia National Development Plan 2027
- EU Green Deal
- EU Mission Starfish 2030: Restore our oceans and water
- UN Sustainable development goals
- EU Strategy for a Sustainable Blue Economy

with new approach

Global scale challenges can be solved only by developing innovative policies and solutions.

Mission approach offers a framework for working with complex missions where different stakeholders, governments, industries are involved.

MISSION-ORIENTED APPROACH

EU level approach with a focus on techologies and science as a driving force behind innovations in policies and industries involved in the particular mission.

Mission enables seeing the complexity of the particular mission, testing and prototyping innovative practices and solutions to reach the mission goals.

LATVIA: CALL TO ACTION

MISSIONSEA2030*

Currently, more **than 97 percent of** the Baltic sea suffer from eutrophication, an excess of nutrients, as a result of which the Baltic seabed is the largest "dead zone" in the world

MISSIONSEA

8 out of the 27 EU countries are linked to polluting the Baltic Sea – one of the most polluted body of water in the world.

We start here because:

- Latvia is at the centre of the Baltic Sea pollution problem geographically – and therefore we have the need and perspective to act now.
- Water is a necessary resource for every aspect of human existence, including commerce. Every industry – from agriculture to transport – leaves its imprints and creates damage. There are multiple touch points – which creates opportunities for innovation.
- MissonSea 2030 will be a vehicle for creating new policies, incentives, practices for sustainably reversing the damage to the mission pilot territory - Riga bay - and scale them to the Baltic Sea, the EU, and globally.

Missionsea2030 aims

The overall goal of the mission is to address the issues of climate change, pollution and the circular economy. This will be attained by creating environment for rapid innovations supported by legal instruments.

- Mission with a nation-wide importance and global-scale benefit. The country's ultimate ambition is to drive the emergence of solutions to help improve the health of seas and oceans all over the world.

- Mission Sea develops a regenerative ecosystem for restoring the Baltic sea and creating scalable innovations in many industries.

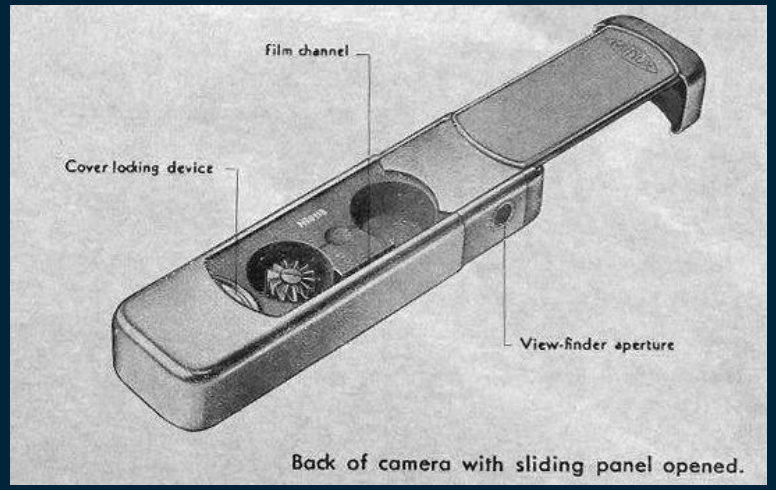
ACT, INNOVATE SCALE

Innovations tested, measured, iterated.
Once solutions and practices developed, scaled globally.

Latvia is scaling its innovative capacities based on historical heritage of engineering and technologies developed in the second half of the 20th century.

THROUGH INNOV ATIONS WE WILL CONTRIBUTE TO THE COMMON GOOD OF EUROPE

One of the most amazing and legendary inventions of the 20th century, the **Minox camera**, first saw the light of day in Riga in 1937. Riga was also home to the camera's inventor, Walter Zapp.



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MISSION SEA2030 PROJECTS AND INSTRUMENTS

MISSION ACCELERATOR

BALTIC SEA DIGITAL TWIN

SANDBOX:

Legal support for innovation and market entry

MISSION PROJECT FINANCING

Private equity funding, EU funding, EU finance instruments, public funding

NAVIGATION CENTER

Method for working with stakeholders, governments, industries.

Mission governance.

MissionSea accelerator

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The goal of the accelerator programme is to strengthen the implementation of the Sea2030 by providing a flow of new ideas for water innovations. Special program for creating and scaling 10-15 start-ups in the fields of mobility, technologies, circular economy and green innovations.

- Program consists of 3 phases:
  - Idea – hackathons.
  - Pre-incubation – training and prototyping
  - Incubation – piloting and scaling up.

INCUBATION PROGRAMME PRIORITIES:

- MOBILITY
- AGRICULTURE AND FOOD CHAINS
- WASTE

PARTNERS: LIAA, Open innovation movement, VEFRESH, Riga Technical University, Freeport of Riga, LMT. Riga City Council.

Baltic Sea digital twin

Digital twin: A collaborative initiative in developing a high precision virtual model for a healthy Baltic Sea

- Monitoring the vision of a healthy Baltic Sea in developing a process essential for the Mission Sea, with precise results and an opportunity for a broader audience to understand the situation and its impact on the future.
- The result will be used for the better governance of the mission; for marine, shipping, ports, agriculture, industries and smart-city tech solutions.
- Creating platform and infrastructure within 5G Techritory for the development of the Digital twin project with global scale partners.

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Joining missionSea2030

The aim of the mission is to develop global scale partnerships with governments, organisations and companies who recognise the importance of joining missionSea2030 projects or creating new projects within missionSea2030.

- DEVELOP EC PARTNERHSIPS (Water4All and others)
- Joining mission accelerator by investing or sharing best practices
- Joining Baltic Sea digital twin development
- Joining as a partner by sharing best practices in water solutions
- Developing new projects tackling Baltic Sea long-term restoration

Welcome on board!

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