

LATVIA'S REPORT ON THE KEY ACTIVITIES IN IMPLEMENTING THE "SPACE2030" AGENDA

Latvia fully supports the "Space2030" Agenda and welcomes the opportunity to contribute to its midterm review. We recognize the Agenda as a crucial framework for promoting space as a driver of sustainable development and international cooperation.

As a recent member of the Committee on the Peaceful Uses of Outer Space, having joined only six months ago, Latvia is still in the early stages of engaging with the full range of opportunities offered through the Committee's work. Nevertheless, we are committed to actively exploring meaningful ways to contribute to the shared goals outlined in the Agenda, particularly in areas where Latvia's growing expertise and interest in space-related activities align with the four overarching objectives of space economy, space society, space accessibility, and space diplomacy. We look forward to deepening our involvement and building partnerships in support of these shared goals.

"SPACE 2030" OVERARCHING OBJECTIVES

RESPONSE FOR CAPACITY-BUILDING NEEDS-ASSESSMENT: "Space2030" Agenda Mid-term Review

Overarching objective [1-4]	1: Enhance space-derived economic benefits and strengthen the role of the space sector as a major driver of sustainable development [1.1, 1.2, 1.3, 1.4, 1.6, 1.7, 1.8]
Country	Latvia
Outline the nature of your national challenge(s)	<ul style="list-style-type: none">• Low awareness of space in the economy• Academia-industry gap
Please explain more, including whether you have already identified a space solution?	<ul style="list-style-type: none">• Experts' participations in conferences• Policy engagement by scientists• Events that bring together academia and industry
What kind of assistance would be most beneficial for you in this regard?	<ul style="list-style-type: none">• Access to policy updates,• Participation in policymaking
Relevant SDGs	8.,9.,11.,13.,15.
Name of relevant national stakeholder	Ministries Universities Research and innovation funding agencies

Overarching objective [1-4]	2: Harness the potential of space to solve everyday challenges and leverage space-related innovation to improve the quality of life [2.1, 2.2., 2.3, 2.4, 2.5, 2.7, 2.8]
Country	Latvia
Outline the nature of your national challenge(s)	<ul style="list-style-type: none">• Forestry, agriculture, disasters, water• Insufficient knowledge and/or

	<p>resources; low awareness of EO benefits</p> <ul style="list-style-type: none"> • Climate change • Urban planning and development, health, disaster prep
Please explain more, including whether you have already identified a space solution?	<ul style="list-style-type: none"> • The Copernicus Programme (Sentinel-1 and Sentinel-2) data is already widely used in forestry across the Baltics for forest inventory, automation of forest planning, and monitoring the effects of climate change, such as diseases and natural disasters. However, we are still in the early stages of applying and adapting these data and algorithms. • EO and GNSS used for planning, wildfire mitigation, border surveillance • EO for biodiversity • Space data in academic curricula • GNSS error research, ILRS member activities
What kind of assistance would be most beneficial for you in this regard?	<ul style="list-style-type: none"> • Knowledge sharing, courses, technical consultations • Strategic guidance, support for access to international networks, policy education • Cross-border cooperation for developing integrated but local (regional) platform solutions based on space data • Workshops on available free data and usage
Relevant SDGs	4, 8, 9, 11, 13, 14, 15
Name of relevant national stakeholder	<p>Ministries</p> <p>Universities</p> <p>Research and innovation funding agencies</p>

Overarching objective [1-4]	3: Improve access to space for all and ensure that all countries can benefit socioeconomically from space science and technology applications and space-based data, information and products, thereby supporting the achievement of the Sustainable Development Goals [3.1, 3.2, 3.3, 3.5, 3.8, 3.9]
Country	Latvia
Outline the nature of your national challenge(s)	<ul style="list-style-type: none"> • Lower interest in STEM education • Low awareness of the benefits of space sector
Please explain more, including whether you have already identified a space solution?	<ul style="list-style-type: none"> • Space data and themes in educational curricula • Educational centres • Policy engagement by scientists • Doctoral programme plans for

	universities; workforce development <ul style="list-style-type: none"> • Space object tracking
What kind of assistance would be most beneficial for you in this regard?	<ul style="list-style-type: none"> • Access to policy updates, participation in policymaking • Strategic guidance, support for access to international networks, policy education
Relevant SDGs	4, 6, 8, 9, 12, 13, 14, 15, 17
Name of relevant national stakeholder	Ministries Universities Research and innovation funding agencies

Overarching objective [1-4]	4: Build partnerships and strengthen international cooperation in the peaceful uses of outer space and in the global governance of outer space activities [4.1, 4.6, 4.7, 4.8, 4.10]
Country	Latvia
Outline the nature of your national challenge(s)	<ul style="list-style-type: none"> • Funding for infrastructure in international networks (e.g., EU SST) • Low awareness of the importance of international cooperation in this matter
Please explain more, including whether you have already identified a space solution?	<ul style="list-style-type: none"> • Maintain and develop sensors to support outer space safety • Inform the space sector of the newest country's activities in this matter • Participating in international space governance frameworks (e.g., EU SST, COPUOS activities) to foster global collaboration and ensure peaceful space operations.
What kind of assistance would be most beneficial for you in this regard?	<ul style="list-style-type: none"> • Information about funding opportunities • Further cooperation opportunities
Relevant SDGs	11, 15, 17
Name of relevant national stakeholder	Ministries Universities Research and innovation funding agencies