

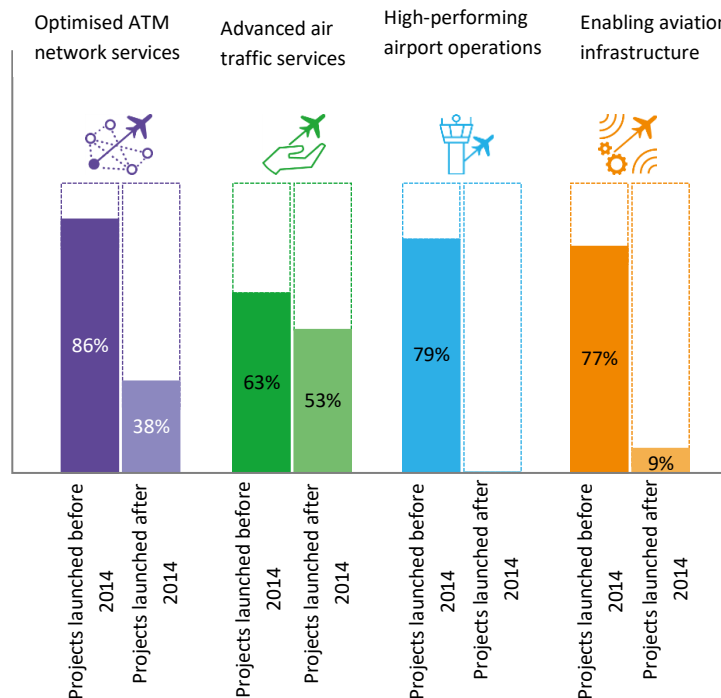
# Key investment projects

ON carries out the investment projects in accordance with the Strategic Performance Plan for 2019-2023, which is consistent with the requirements of relevant regulations of the European Commission, the objectives of the European ATM Master Plan, SESAR Deployment Manager Programme and Lithuania's obligations according to the Local Single Sky Implementation Plan (LSSIP). By ensuring the required levels of flight safety and quality of provision of services, ON in collaboration with other stakeholders (representatives of SE Lithuanian Airports, the Civil Aviation Administration (CAA), the Lithuanian Air Force (LAF), representatives of the Lithuanian Hydrometeorological Service, etc.) is implementing the LSSIP objectives and the ongoing European projects, and carries out local and regional projects. The objectives are related to modernisation of the air traffic control equipment, upgrade of the communications, navigation and surveillance facilities and infrastructure, the Controller Pilot Data Link Communications as well as deployment of optimised data exchange infrastructure. The progress on implementation of the objectives launched before the Pilot Common Project (PCP) (Commission Implementing Regulation No 716/2014) (before 2014) and the progress on implementation after the approval of Regulation are provided in Fig. 29.



**Fig. 1.** Progress on implementation of the LSSIP objectives by ON in collaboration with other stakeholders, 2018

The progress on implementation of LSSIP objectives by ON in collaboration with other stakeholders has been evaluated positively, and ON is among the European air navigation service providers who are best in carrying out technological projects and implementing the LSSIP objectives. The progress of implementation of the LSSIP objectives by ON in collaboration with other stakeholders with reference to four ATM functionalities is provided in Fig. 30.



**Fig. 2.** Progress on implementation of the LSSIP objectives by ON in collaboration with other stakeholders with reference to each of the four Air Traffic Management (ATM) areas under development, 2018

The main investment projects carried out and/or planned to be carried out by ON are directly related to technical tasks specified in the European ATM Master Plan Level 3 document and SEASAR Deployment Manager Programme. The main investment projects carried out and/or planned to be carried out by ON in 2015-2025 are provided in Fig. 31 and Table 4.



**Fig. 3.** The main investment projects carried out by ON in 2015-2024

**Table 1.** The main investment projects carried out and/or planned to be carried out by ON in 2015-2025

Title of the project	Purpose of the project	Project duration	Project value, EUR	Project status
Construction of a new administrative and Area Control Centre building	Design, construction and installation of a new administrative and Area Control Centre building forming the conditions for successful implementation of the Baltic FAB strategy until 2025 and expansion of ON's share in the air navigation services market	2015–2019	13,274,000	In progress
Implementation of a new air-traffic management system in the Area Control Centre	Installation of a new-generation air-traffic management system coordinated with the analogous system of Baltic FAB partner Poland forming the conditions for successful implementation of the Baltic FAB strategy until 2025 and expansion of ON's share in the air navigation services market	2015–2019	13,796,000	In progress
Installation of remote aerodrome -traffic management system	Installation of a single, modern and centralised aerodrome air-traffic management system allowing to provide remote aerodrome air-traffic management services	2018-2024	8,623,000	In progress
Extension of functionalities of the Advanced Surface Movement Guidance and Control System (A-SMGCS)	Modernisation of aerodrome air-traffic surveillance and management system in order to improve the safety level in Vilnius aerodrome by providing air-traffic controller with complete and precise information on the flights operated and the traffic in the aerodrome and install advantageous aerodrome district centre, aerodrome centre and aerodrome traffic surveillance and control functionalities	2016–2019	2,472,000	In progress
Installation of AFTN/AMHS system	Installation of AFTN/AMHS system ensuring the newest methods of provision of communication services	2018-2019	1,014,000	In progress
Installation of voice communication system	Installation of new-generation voice communication system	2018-2019	435,000	In progress
Replacement of ILS/DME RWY 01 and ILS/DME RWY 19 in Vilnius ATCC	Replacement of technically and morally aged aerodrome equipment	2021	1,706,000	Planned
Replacement of ILS/DME RWY 19 in Palanga ATCC	Replacement of technically and morally aged aerodrome equipment	2019–2020	901,000	Planned
Upgrade of Air-Ground Communications equipment	Upgrade of Air-Ground Communications equipment according to the newest requirements	2019-2020	1,115,000	Planned
Multi-sensor system WAW study and installation	Improvement of quality of surveillance services (to ensure the necessary coverage in the controlled airspace) and provide with available equipment reservation possibilities	2020-2021	3,000,000	Planned
Replacement of Vilnius DVOR/DME	Replacement of technically and morally aged navigation equipment	2023	794,000	Planned

Replacement of ILS/ RWY 26 in Kaunas ATCC	Replacement of technically and morally aged aerodrome equipment	2025	855,000	Planned
Replacement of Vilnius PSR/MSSR	Replacement of technically and morally aged radar equipment	2023-2024	3,500,000	Planned