

CASE STUDY

LITHUANIA

KYVIŠKIŲ

AIRPORT

PROJECT KEY FACTS

Airport: Kyviškių Airport

Location: Lithuania

Application: Domestic Airport

Runway: 540 m

Solution: Permanent Solar Runway Lighting

Products: Solar Runway Edge Lights, Solar Runway Threshold End Lights, UR-101 Handheld Controller, OCT-401 Charger

Buyer: Vilnius Gediminas Technical University

Year of Installation: 2022



OVERVIEW

S4GA has supplied Kyviškių Airport in Lithuania with Solar Airfield Lighting System. It's for the second time, that an airport located in Lithuania chooses S4GA Solar Runway Lighting Solution.

Antanas Gustaichis Aviation Institute of the Vilnius Gediminas Technical University is among the top 2.1% of Universities in the World and scores the highest notes in Lithuania in terms of expertise and applied technology. The Kyviškių Airport owned by the Institute is used mainly for pilots' training.

CHALLENGE

As the Airport is a part of a government-owned institute, it has to provide the highest standards for its Users in order to perform VFR night training and to ensure its night flight operational safety. The airport started to look for a reliable runway lighting system. The key factors in choosing the tender winner regarded the certification and economical aspects of the proposed solution.

SOLUTION

S4GA Solar Runway System has been recommended to the Airport's Authorities by the Pilots who'd seen it at the Aleksotas Airport which acquired S4GA System in 2019. After a thoughtful examination, our system proved to be the best matching solution for the Kyviškių Airport as well. S4GA Solar AGL demonstrates its superiority over other systems, by not only being highly reliable but also by being a user-friendly and a cost-cutting solution:

- 30% lower cost - NO expensive civil works (no need for MAINs power supply, building complex electrical network or substations to run S4GA system)
- ZERO electricity bills - S4GA system works solely on solar energy
- Low cost of maintenance - everything can be performed by airport personnel, no need to hire an external contractor
- Fast project implementation
- Certification by Transport Competence Agency
- Compliance with international aviation standards (ICAO, FAA, EASA, CASA, TP312)
- Good experience with S4GA Solar AGL in the Lithuanian region. In 2019 Aleksotas Airport acquired S4GA Solar Runway Lighting. Since that time, S4GA system has been in use proving to meet the highest standards in terms of safety and overall performance.



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S4GA PRODUCTS



SOLAR RUNWAY
EDGE LIGHT W/W



SOLAR RUNWAY
THRESHOLD END
LIGHT



UR-101 HANDHELD
CONTROLLER



OCT-401
CHARGER

APPLICATION PHOTOS

