Fine tuning the future of Warsaw's Chopin Airport

2009-PL-92003-S

Studies helping to determine advancements of operations including safety, business continuity and environmental threats.

Project description

Warsaw's Frederic Chopin Airport is Poland's largest airport, with more than 140,000 passenger aircraft movements annually and 9.5 million passengers in 2012.

The TEN-T co-funded studies helped the beneficiary, Polish Airports, finalise two crucial documents which defined the development needs of Chopin Airport infrastructure and adjust them to air traffic forecasts and market trends. They included a medium-term development strategy until 2022 and a long-term Master Plan for development for 2012-2037.

More specifically, the studies addressed safety issues due to the airport's existing location and infrastructure (two crossing runways, proximity to the city centre). They also analysed airport operations, taking into account business continuity and environmental threats (birds, weather conditions). The studies also looked at ways to reduce the airport's own negative environmental impact using measures such as water-drainage management and electric energy management.

Benefits of the project

The studies and their findings have helped to reinforce the role of Chopin Airport as a key TEN-T node by increasing its efficiency, capacity and improving environmental impact. As a result, the airport has been enhanced by construction works, and benefitted from new equipment and technical/IT systems.
In addition, the studies and their findings have contributed to the introduction of precise approach and landing operations in low visibility conditions at the airport, plus the Runway End Safety Area adding further safety features to the airport infrastructure. They have also been instrumental in securing EU Cohesion Funds for the construction of a new aircraft de-icing pad. Passengers using the Chopin Airport will benefit from a higher standard of service, reduced delays in aircraft handling, and enhanced safety of flight operations, leading to the improved quality and operations of the TEN-T network.

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**Member States involved:**

Poland

**Implementation schedule:**

Start date: May 2009

End date: December 2012

**Beneficiaries & Implementing bodies:**

- Polish Airports State Enterprise
- Ministry of Transport, Construction and Maritime Economy

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