



Bucharest Henri Coanda International Airport

Data and facts

Company	PORR Construct SRL
Type	Airport construction
Runtime	08.2020 - 01.2021
Principal	National Company of Airports Bucharest

[Project report online](#)

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Smooth flight.

The BIM team implemented this digitisation tool using the Trimble PCS900 Paving Control System and input data (3D models) generated in-house. The paving team was excited to switch from traditional survey and paving methods to 3D models and electronic guidance.

The initial duration provided for the execution of the works was eight months. Against the background of the substantial decrease of the traffic as a result of the COVID pandemic, PORR Construct managed to reduce the execution time to approximately five months.

Technical data.

Runway length	3.5km
Markings	16.000m ²
Built area	25ha
Asphalt	117,000t
Concrete	6,500m ³
Ballast	78,000m ³
Drainage channels	8,100m
Primary and secondary power cables	180,000m
Aeronautical beacons	1,753 pieces
Precision Approach Path Indicator	8 pieces

Impressions

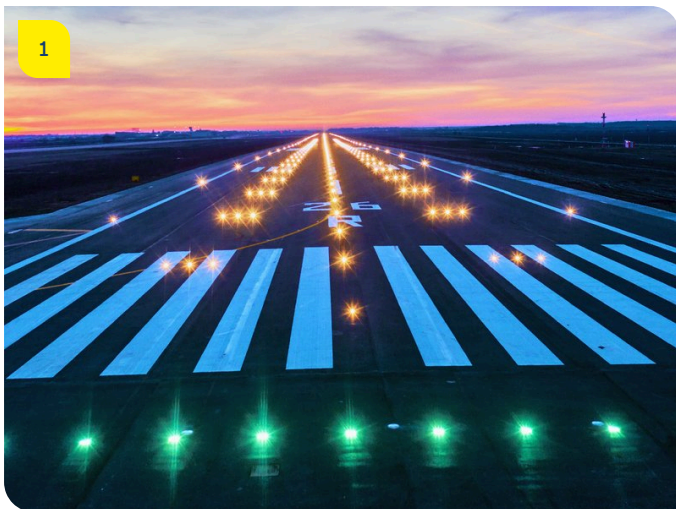


Image notes

1

Runway at dawn.

The rehabilitated structure now shines in radiant new light of the aeronautical beacons.

2

Impressive view from above.

The 45m-wide runway comes with a cross profile of 1.3 %, 7.5m shoulders and a 2.5 % slope.

3

Progress with precision.

PORR used an automated screed control system for asphalt on airport pavements, improving both accuracy and productivity.

4

Ready for take-off.

PORR Construct managed to finish the work before schedule, in approximately five months.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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