MAJOR RAILWAY PROJECTS FUNDDED UNDER CEF 2014-2020

CEF CALLS 2016

INFO DAY
Athens, 2 December 2016
Create a high-speed rail corridor of Increased Capacity equipped with modern signalling, telecommanding, telecommunication and electrification systems fulfilling the interoperability requirements of the European railways.

- Backbone of the Greek railway network
- Interconnects the big urban centres of the country and areas with significant growth in the primary and secondary sectors
- Links to the major freight centres, main ports and Trans-European corridors.
- Part of OEM corridor
ATHENS (SKA) – THESSALONIKI (500 km)

Under construction
New double-track high-speed railway line equipped with signaling, telecommunications & electrification

Completed double-track railway line with signaling, telecommunications & electrification
“Completion of the double-track railway line with signaling, telecommunications & electrification”

RS DOMOKOS
Speed: 130-160 km/h

RS LIANOKLADI

Old Single Railway Line

RS TITHOREA
Speed: 200 km/h

Total gain travel time: 55΄
MAIN PHYSICAL OBJECT
OF INFRASTRUCTURE WORKS

- Kallidromo twin tunnel – each branch 9.0 km long
- Othris twin tunnel – each branch 6.4 km long
- 12 smaller tunnels, total length 4.5 km
- 24 Cut & Cover tunnels, total length 4.1 km
- 49 railway bridges, total length 6 km
- 32 grade-separated road crossings, total length 2.7 km
- Embankments & Cuts 76.0 km long
The majority of the infrastructure works was implemented through several contracts which are completed.

Funding: Structural funds of previous P.P.

A contract currently in progress, signed in December 2013 (Budget 374.2 M€) completes the remaining infrastructure works, the superstructure, the signaling, telecommunications and electrification. Total budget including accompanying works 430,3 M€

Funding: CEF 2014-2020
1ST PROJECT:

CONSTRUCTION OF THE NEW HIGH SPEED DOUBLE TRACK RAILWAY LINE TITHOREA – LIANOKLADI – DOMOKOS

ACTION No 2014-EL-TMC-0651-W

GRANT AGREEMENT No INEA /CEF /TRAN /M2014 /1028609

BUDGET: 430,3 M€

START OF THE ACTION: 1-1-2014

END OF THE ACTION: 30-6-2018
MAIN PHYSICAL OBJECT

• completion of the remaining infrastructure works

• construction of superstructure works

• signalling-telecommanding, electrification and telecommunication works

• completion of the stations railway infrastructure at the Tithorea, Molos, Lianokladi and Domokos stations

• construction of 2 traction substations at Anthili and Perivoli and 3 electromechanical (E/M) buildings

• E/M works for 5 Railway Stations (Tithorea RS, Molos RS, Lianokladi RS, Agios Stefanos RS, Domokos RS and 2 Railway Stops Aggies and Thavmakos Railway Stops

• accompanying works for the completion of the project (land acquisition, planting works, bridges monitoring, etc)
Total payments (up to 31-10-2016) are 171,8 M€

while the percentage rises to 40% of the total budget
SLAB TRACK IN KALLIDROMO TUNNEL – each tube 9 km long
OTHRYGS TUNNEL – each tube 6,4 km long
Existing railway line

RAILWAY BRIDGES OF LIANOKLADI-DOMOKOS SECTION
RAILWAY BRIDGE OVER NATIONAL HIGHWAY (500m LONG)
RAILWAY BRIDGE 16 (657m LONG)
RAILWAY BRIDGE 26 (409 m LONG)
ATHENS (SKA) – PATRAS (216 km)

New high-speed railway line equipped with signaling, telecommunications & electrification

Reduction of travel time to 2h from 3h 25’ (before the works)
2nd PROJECT

CONSTRUCTION OF RAILWAY INFRASTRUCTURE IN SECTION RODODAFNI (KM 91,5) - PSATHOPYRGOS (KM 113) OF THE NEW RAILWAY LINE ATHENS - PATRAS, PART OF ORIENT/EAST MED CORRIDOR

ACTION No 2014-EL-TMC-0268-W
GRANT AGREEMENT No INEA /CEF /TRAN /M2014 /1028679
BUDGET: 290,6 M€
START OF THE ACTION: 1/1/2014
END OF THE ACTION: 30/9/2018
The Action comprises the construction of the infrastructure for the new double-track railway line in the section from Rododafni (km 91+500) to Psathopirgos (km 113+000).

This includes:

- Twin-tube Panagopoula tunnel (4.3 km long), including cut & covers at the entrance and the exit of the tunnel
- Earthworks (embankments and excavations) at the open sections of the railway line
- Engineering structures (railway/road bridges, railway/road overpasses & underpasses)
- Hydraulic works required for the protection of the line
- Restoration of the local side road network
- Necessary expropriations; relocations of public utility networks and archaeological works
PANAGOPOULA TUNNEL - 4,5 km each tube
Total payments (up to 31-10-2016) are 135,2 M€

while the percentage rises to 46% of the total budget
3rd PROJECT

CONSTRUCTION OF RAILWAY INFRASTRUCTURE IN SECTION PSATHOPYRGOS - PATRAS (BOZAITIKA) OF AXIS ATHENS - PATRAS
PART OF ORIENT/EAST MED CORRIDOR

ACTION No 2015-EL-TM-0253-W
GRANT AGREEMENT No INEA /CEF /TRAN /M2015 /1129876
BUDGET: 112,0 M€
START OF THE ACTION: 16/2/2016
END OF THE ACTION: 31/12/2020
The Action comprises the construction of the infrastructure for the new double-track railway line from Psathopyrgos (km 113+000) to Patras Bozaitika (km 123+500).

This includes:

- Construction of Cover & Cuts in Agios Vasilios and Rio
- Earthworks (embankments and excavations) at the open sections of the railway line
- Engineering structures (railway/road bridges, railway/road overpasses & underpasses and retaining walls)
- Hydraulic works required for the protection of the line
- Restoration of the local road network directly related to the construction of the railway line
- Necessary expropriations; relocations of public utility networks and archaeological works
Thank you for your attention