



Republic of Macedonia
Ministry of Economy



NATIONAL STRATEGY FOR GASIFICATION OF THE REPUBLIC OF MACEDONIA



Ministry of Economy

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Preparatory activities

- **Feasibility Study(FS)** for the development of the natural gas transmission system in the Republic of Macedonia has been prepared in 2010;
- **Infrastructure projects and basic designs** have been prepared in 2012 for the following sections:
 - Lot 1 Klecovce-Negotino (Kavadarci) – in length of 96 km,
 - Lot 2 Negotino-Bitola – in length of 92 km,
 - Lot 3 Stip-Hamzali – in length of 60 km,
 - Lot 4 Hamzali-Stojakovo – in length of 50 km and
 - Lot 5 Skopje-Tetovo-Gostivar–in length of 76 km
- Based on Infrastructure projects a **Elaborate for Environmental Impact Assessment(EEIA)** and gap analysis on EISA was conducted with the WBIF technical help in 2013;
- **The Feasibility Studies for development of the distribution network of natural gas** for Skopje Region, Region 2 and Region 3 in Republic of Macedonia have been also prepared in 2015;
- **Must stress the Gasification Strategy is in compliance with the General Energy Strategy till 2030** where alternative solutions, including RES and EE measures have been already evaluated and also taken into account.



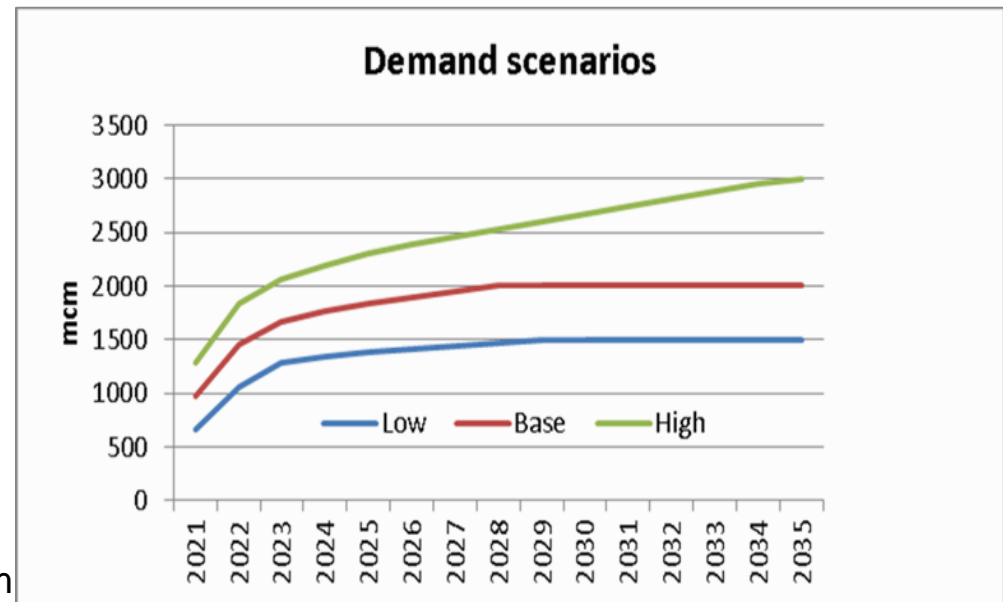
Basic information regarding the existing condition of the gas pipeline in the Republic of Macedonia and demand forecast

Phase I - priority sections with length, estimated at €140M

- Stip-Kavadarci-Prilep-Bitola – 140 km;
- Stip-Radovis-Hamzali-Strumica-Greece – 110 km;
- Skopje-Tetovo-Gostivar – 76 km.

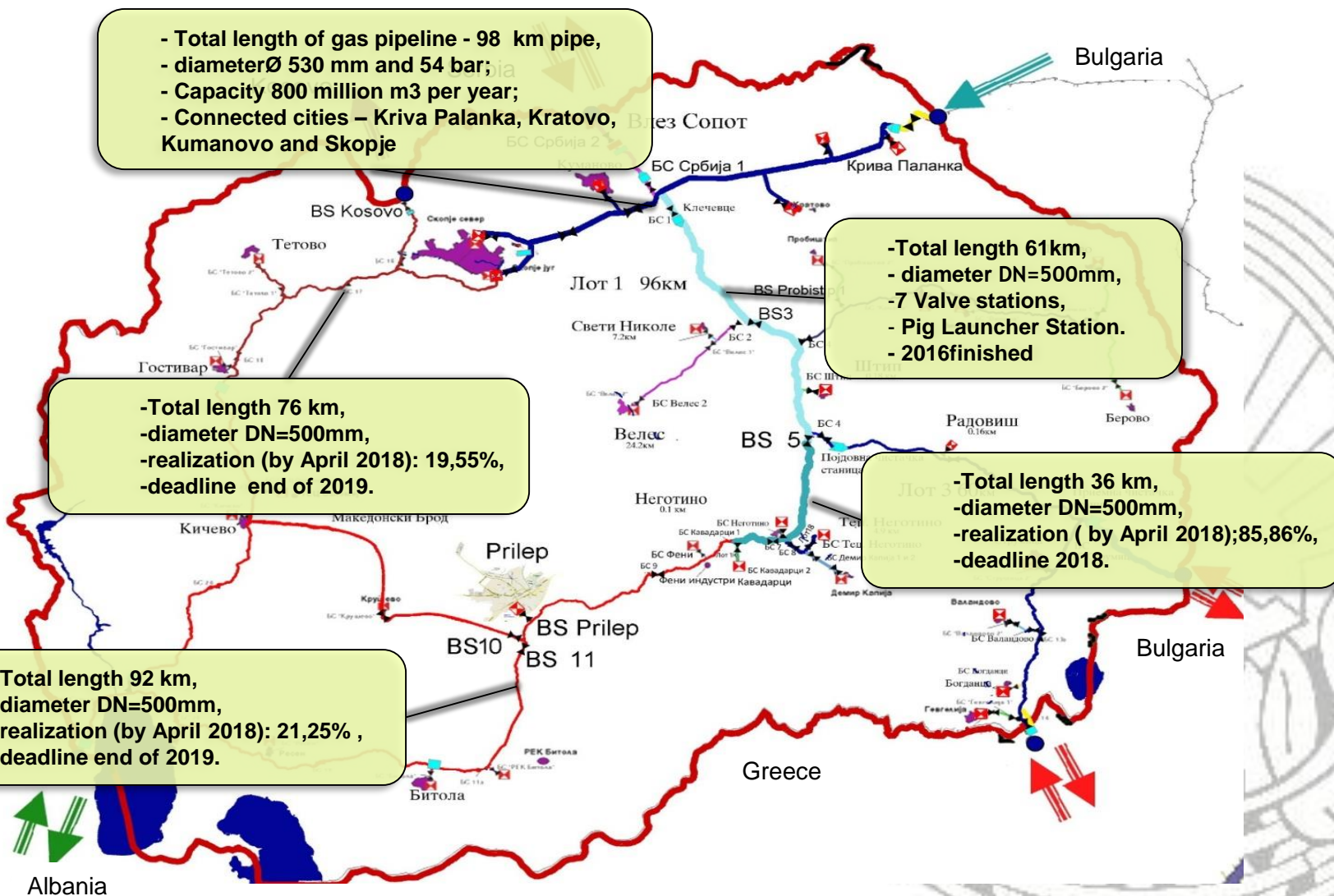
Phase II - priority sections with length, estimated at €200M

- Gostivar-Kicevo-Ohrid-Struga-Kafasan – 114 km;
- Bitola-Ohrid – 64 km;
- Other small sections in length of 250 km





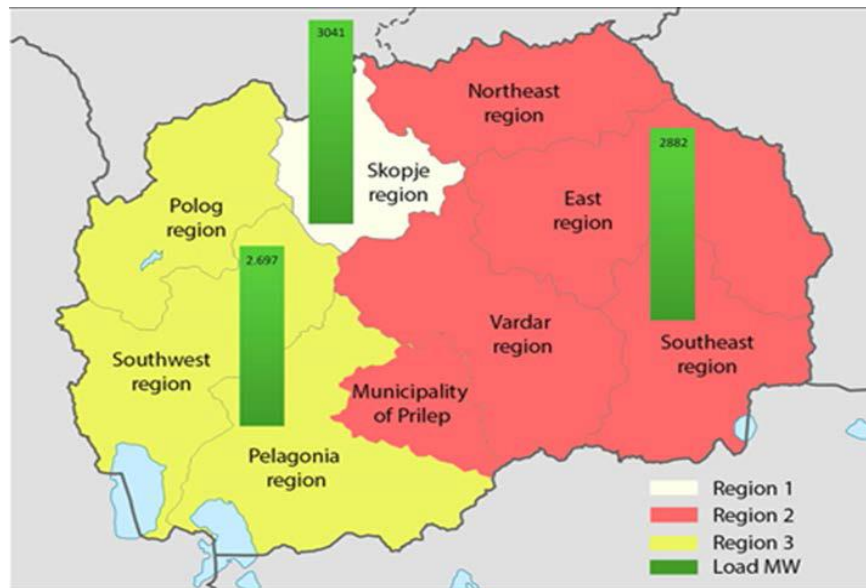
Gasification of the Republic of Macedonia





Project for development of Gas distribution network

Basic data regarding the prepared Feasibility Studies for development of the distribution network of natural gas for Skopje Region, Region 2 and Region 3 in the Republic of Macedonia:



Potential consumption and cost estimated value

Region 1 - Skopje region

190 million m³/year

€100M

Region 2

113 million m³/year

€27,5M

Region 3

92 million m³/year

€22,3M

- The chosen model for implementation of the project is concession/PPP;
- EL embedded the proposal of the municipalities for the construction of new distribution systems natural gas in a certain area of the territory of the Republic of Macedonia can be performed by public enterprises and other legal entities of the local self-government units established for that purpose;
- MF started initial negotiations with EBRD for potential investment(in 18 municipalities of this project).



Regional Projects & Interconnectors

CESEC (Central and South East Gas Connectivity) where according to the Memorandum of Understanding signed in Dubrovnik in 2015 projects for interconnection of the Republic of Macedonia with the Republic of Bulgaria and Greece have been included into its Action Plan.

- MoU was signed on 14th October, 2016 between MER JSC Skopje and DESFA S.A. WG was also established between MER JSC and DESFA for construction of gas interconnection for transmission of natural gas between the two countries.

- MoU was signed on August 1st, 2017 between Ministry of Energy of R.Bulgaria and Ministry of Economy of R.Macedonia for construction of gas interconnection for transmission of natural gas between the two countries. Based on MoU Agreement was signed between MER JSC and Bulgartransgaz EAD for the implementation of feasibility study for the construction of new gas interconnection between the two countries.





PECI/PMI Projects

Two Macedonian projects were also included in the PECI/PMI Project list established with the Ministerial Council Decision of EC in October 2016. 2018 PECI list?

PECI project R.Serbia-R.Macedonia

Key parameters:

- Diameter:20" (DN 500)
- Length in MK: 23 km
- Design pressure:54bar

Project cost:

- For the part in Macedonia:14 mil€

PMI project Greece – R.Macedonia

Key parameters:

- Diameter:28" (DN 700)
- Length in GR: 56 km
in MK: 70 km
- Design pressure: 70 bar

Project cost:

- For the part in Greece:~50 mil€(FS)
- For the part in R.Macedonia:~50 mil€ (based on the routing of 70 km)





PECI/PMI Projects present status

PECI project Interconnector R.Serbia-R.Macedonia

- MoU in process of harmonization.

PMI project Interconnector Greece – R.Macedonia

The two companies are actively cooperating on all issues:

- Routing;
- Preliminary routing investigated on both sides;
- Position of the Border Metering Station to be finalized.

Environmental assessment:

- Preliminary environmental assessment concluded in GR taking into account archaeological sites, Natura 2000 areas and military interest areas;
- Environmental Gap analysis concluded in MK for the routing “Gevgelija-Shtip”.





PECI/PMI Projects main milestones

PECI project Interconnector R.Serbia-R.Macedonia

- Signing of MoU, WG establishing(FS preparation WBIF TA 2018).

PMI project Interconnector Greece – R.Macedonia

- Completion and endorsement (by sponsors) of feasibility study
- Agreements with users;
- Securing of Funding(in principle Project is eligible for financing by EIB,WBIF)
- FID
- Design and Permitting
- Issue of Tenders
- Award of Procurement, Services and Construction contracts
- Commissioning in 2021

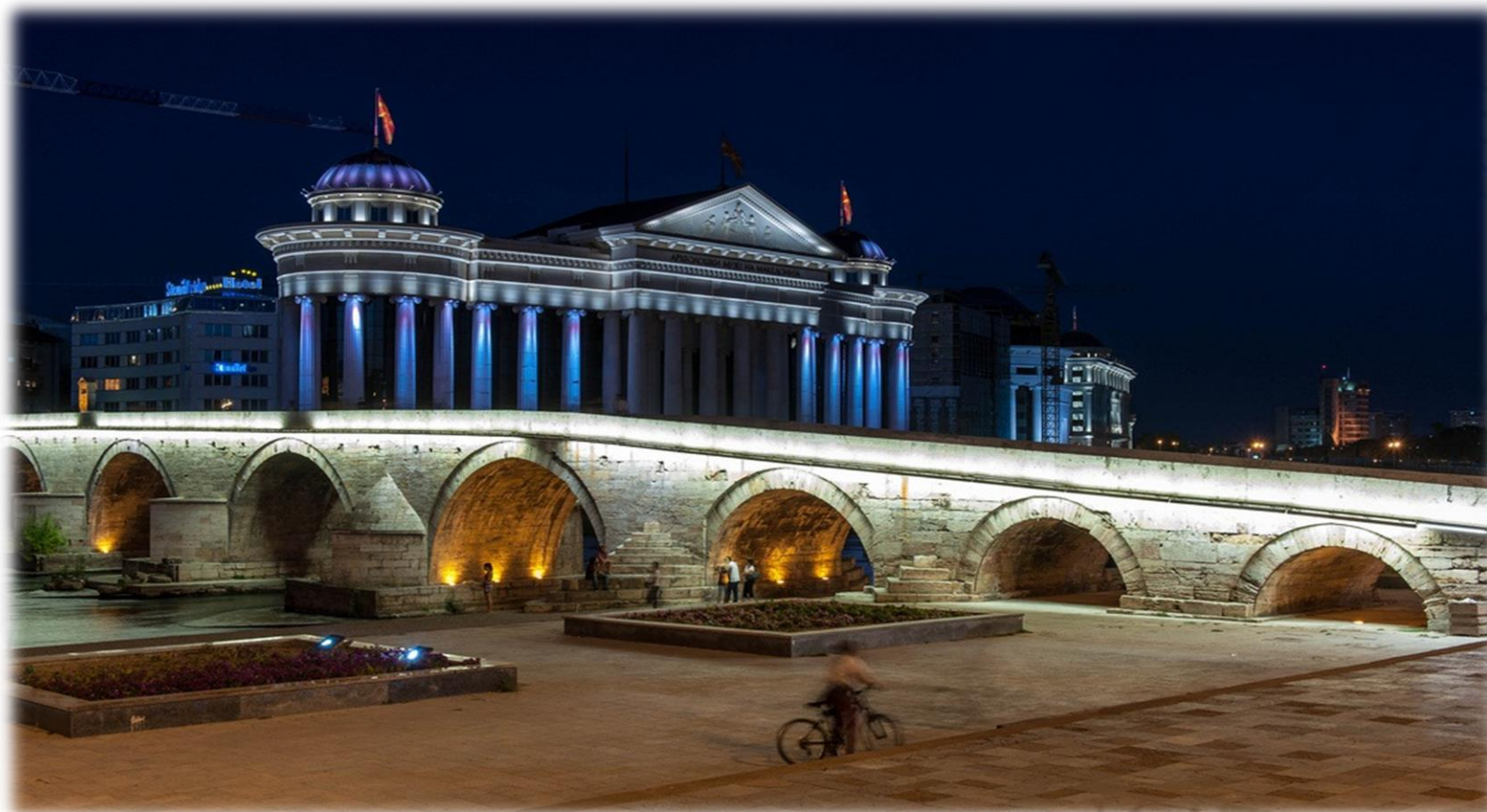




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Thank you for your attention!



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