

**TRANS-EURASIAN  
INFORMATION SUPER  
HIGHWAY  
(TASIM)  
BANGKOK, THAILAND  
20-21.04.2017**



**AZINTELECOM**

- During the Ministerial Summit held in Baku within the framework of the “Bakutel” International Telecommunication and Information Technologies Exhibition and Conference in November 14 2008, the Ministry of Communications and Information Technologies of the Republic of Azerbaijan put forward the initiative to launch a project on building the “Trans-Eurasian Information Super Highway”.
  - The special Baku Declaration to create the Trans-Eurasian Information Super Highway was adopted on November 11, 2008 in Baku.
  - On 21 December 2009, the 64<sup>th</sup> session of the UN General Assembly adopted Resolution on Trans-Eurasian Information Super Highway. Co-sponsored by 30 countries and adopted by consensus the resolution acknowledges a special role of the Republic of Azerbaijan in coordination of TASIM. Since April 2010, the Ministry of Communications and Information Technologies of the Republic of Azerbaijan has established and funded an Executive Group on TASIM as a vehicle for project implementation.
  - In July 2011 in Gabala, the First International Workshop on TASIM was held, and as an outcome the Project Secretariat was established and entrusted to Azerbaijan. Currently, all coordination activities on TASIM project are being performed by the Secretariat.
  - On 21 December 2012, the UN General Assembly unanimously adopted a new resolution on TASIM project.
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## OVERVIEW

“Trans-Eurasian Information Super Highway” (TASIM) project that is a major regional initiative aimed at creation of transnational fiber-optic backbone targeting primarily the countries of Eurasia from Western Europe to Eastern Asia.

The project envisages building a major transit route from Frankfurt to Hong Kong/Shanghai. This route will bring together the largest information exchange centers of Europe and Asia.

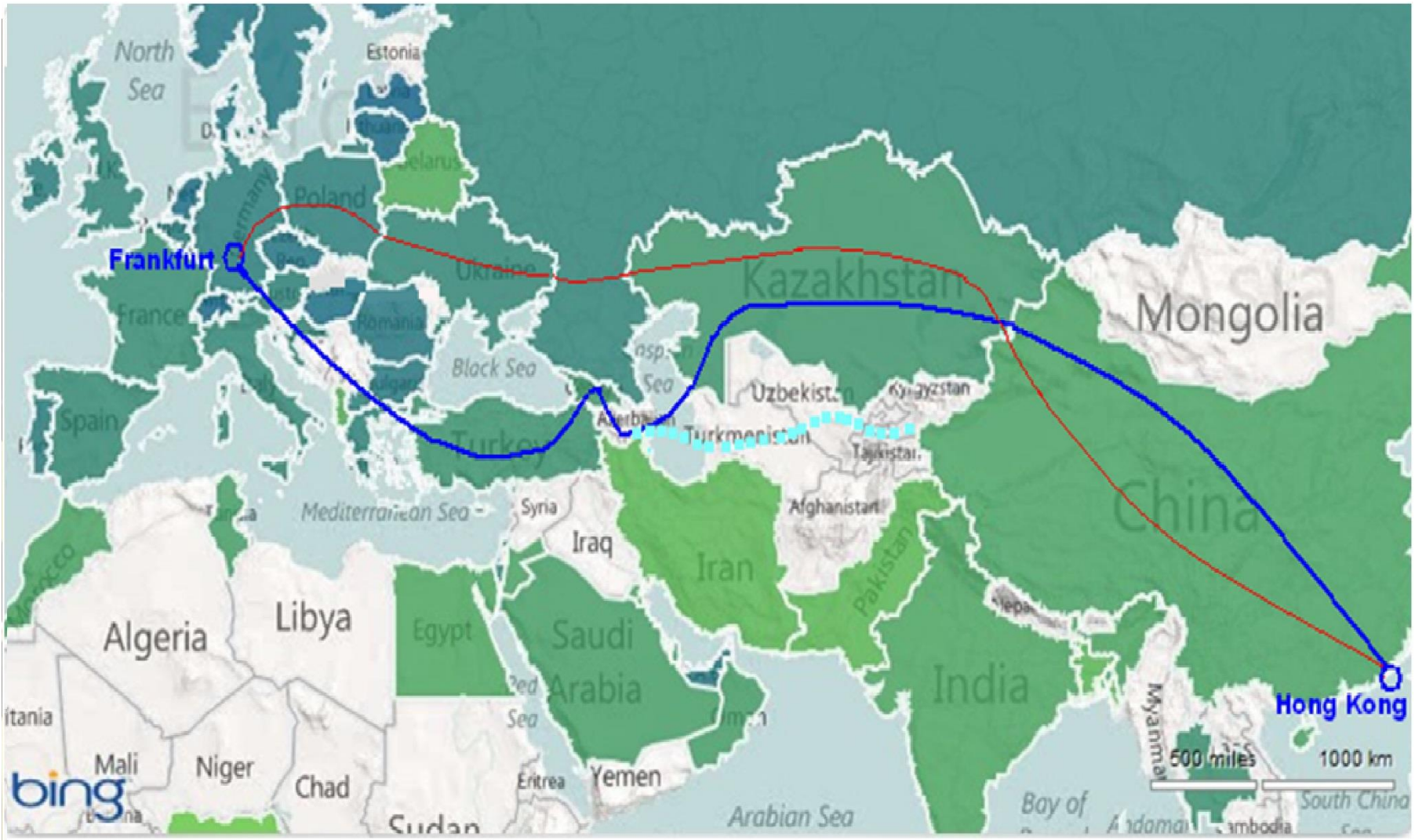
The transit route will stretch through China, Kazakhstan, Azerbaijan, Georgia, Turkey and reach Germany.

A redundancy highway is also considered which will run through TAP and TANAP routes passing via Italy and be completed in Europe.

Participating operators on TASIM: the Republic of Azerbaijan (MTCHT, AzInTelecom LLC), China (China Telcom), Kazakhstan (“Kaztranscom”), Russia (“Rostelecom”) and Turkey (“Türktelekom”).

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# MAJOR MAP OF TASIM



# CASPIAN SUBMARINE FIBER-OPTIC CABLE HIGHWAY

From strategic standpoint, the most appropriate way for implementation of TASIM project is its organization by passing underwater segment of the Caspian Sea which is the shortest route between the West and East.

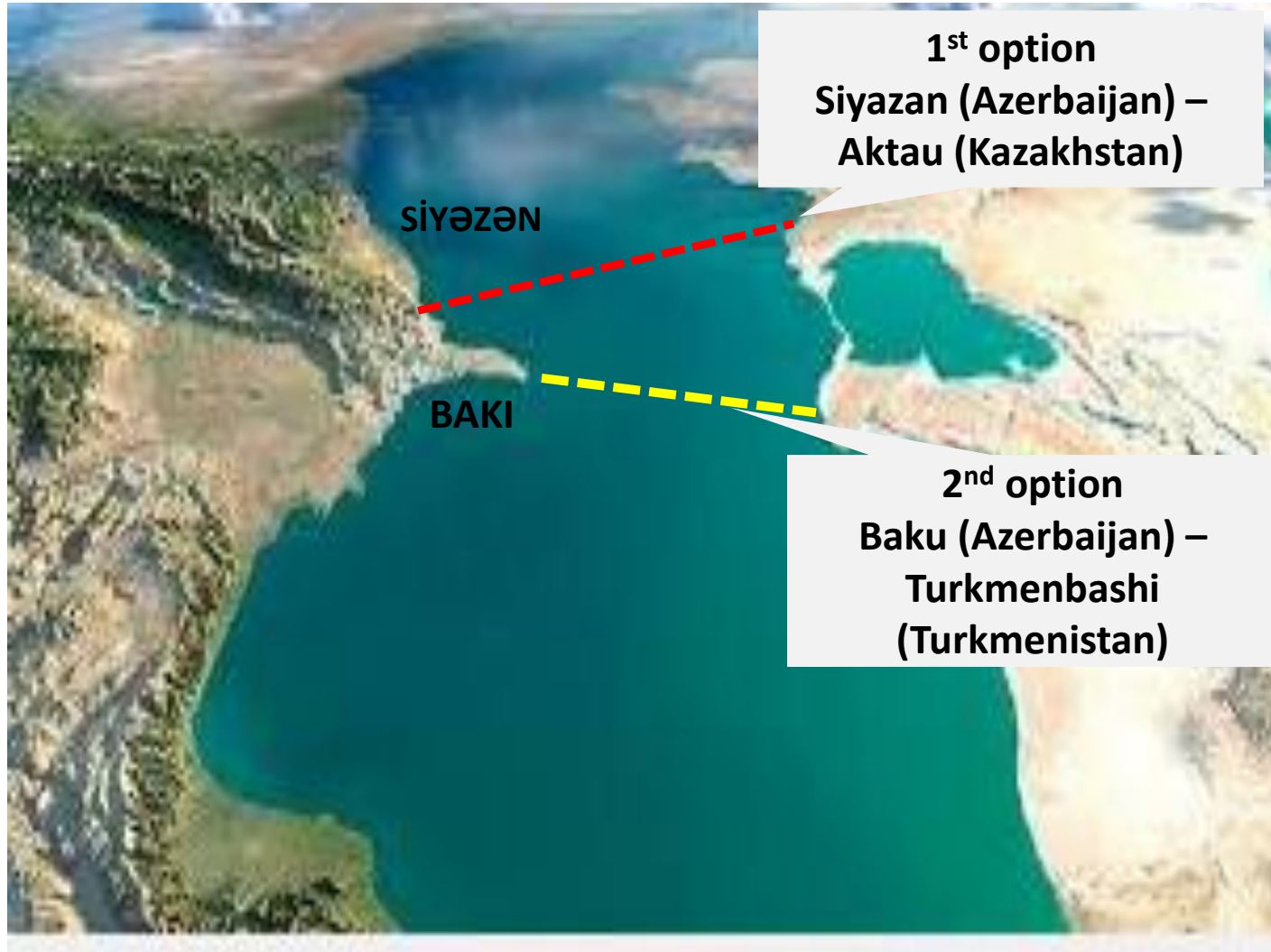
Today fiber-optic highway infrastructure in Azerbaijan, as well as its relation with global world is a key factor assisting in elimination of information gap between our country and other countries.

Geographically, Azerbaijan is located in such an information-communications infrastructure that it is possible to turn it into transit information hub between the West and East.

In this regard, currently work is performed in two directions:

- Siyazan (Azerbaijan) – Aktau (Kazakhstan) (1<sup>st</sup> option)
  - Baku (Azerbaijan) – Turkmenbashi (Turkmenistan) (2<sup>nd</sup> option)
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# CASPIAN UNDERWATER SEGMENT FOR TASIM



# RECENT STATUS OF CASPIAN SUBMARINE FIBER-OPTIC CABLE HIGHWAY

Cooperation is achieved with “KazTransCom” of Kazakhstan regarding construction of the Caspian submarine cable highway and several agreements have been signed for its realization. However, currently, negotiations have been temporarily postponed due to financial difficulties in Kazakhstan.

In parallel, Agreement was signed between “AzInTelecom” LLC of the Ministry of Transport, Communications and High Technologies and “Turkmentelecom” of Turkmenistan regarding construction of the Caspian submarine fiber-optic cable highway between Azerbaijan and Turkmenistan with respect to implementation of the relevant paragraph of “Protocol of the 4<sup>th</sup> sitting of the Intergovernmental Commission for Economic Development between the Republic of Azerbaijan and Turkmenistan” and technical proposals are being discussed to this end.

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# ALTERNATIVE PROPOSALS





ALTERNATIVE PROPOSAL OF  
SOCAR TURKEY



# PROPOSALS OF SOCAR TURKEY

“SOCAR Türkiyə Fiber Optik A.Ş.” was established by “SOCAR Türkiyə Enerji” to leverage strategic advantages of the Southern Gas Corridor pipeline project in 2013. Currently, it is proposed to develop TASIM project from alternativeness standpoint with the help of telecommunications infrastructure planned within TAP and TANAP projects.

The length of fiber-optic network through Southern Gas Corridor will be 3450 km. This network embraces approximately 1/3 part of the TASIM route.

In general, Southern Gas Corridor consists of 3 segments :

SCP- South Caucasian Pipeline, Azerbaijan/Georgia-Turkey border –700 km

TANAP - Trans-Anatolian gas pipeline, Turkey part– 1850 km

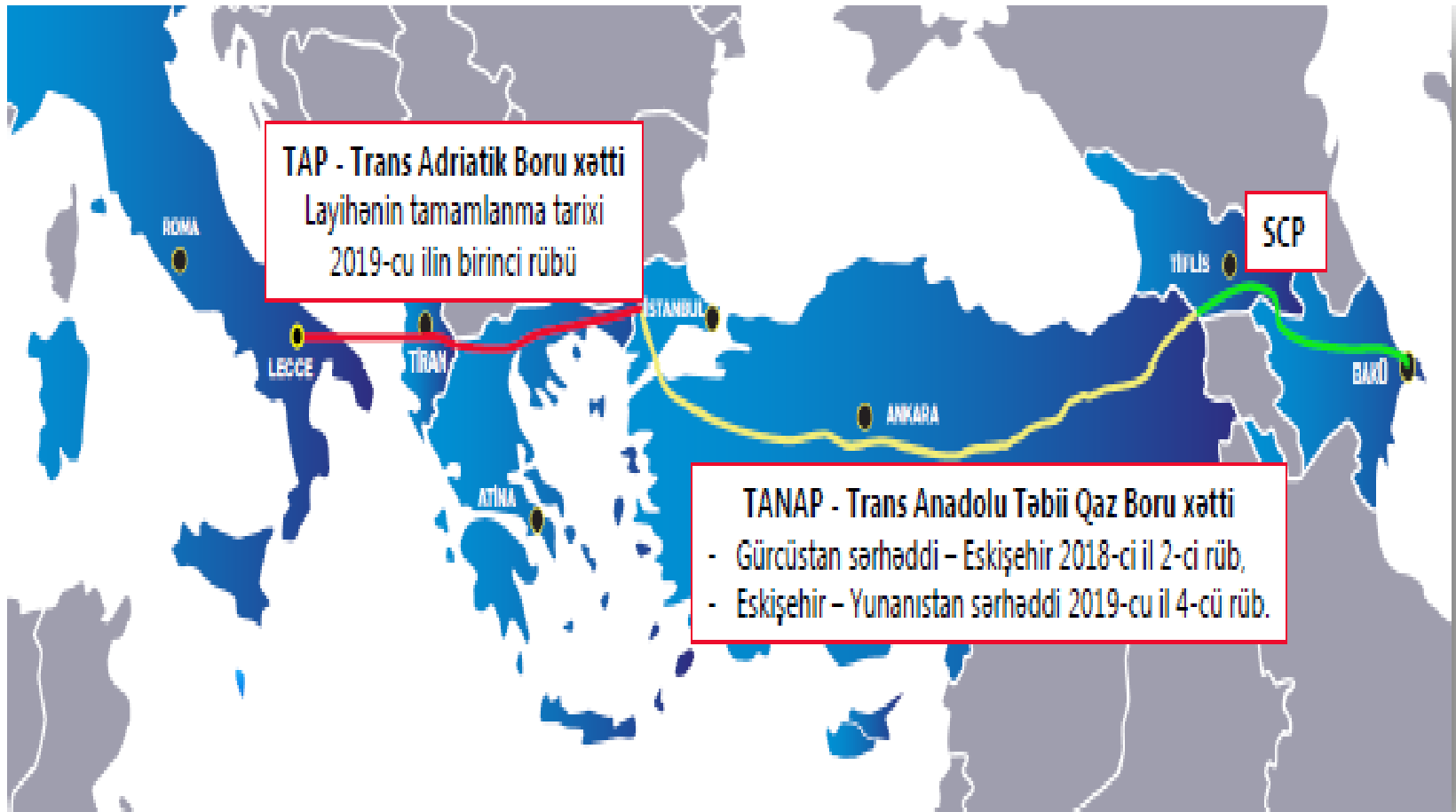
1<sup>st</sup> phase: Georgia-Turkey border – Eskişehir – 1350 km

2<sup>nd</sup> phase: Eskişehir – Turkey/Greece border– 500 km

TAP - Trans Adriatic Pipeline, Turkey/Greece border– Albania – Italy– 900 km.

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# SOCAR OIL-GAS NETWORK



Connecting of SOCAR fiber-optic network stretching from Azerbaijan and Europe to TASIM network in Azerbaijan and passing under the Caspian Sea is the shortest terrestrial fiber-optic line running to China. Therefore, it can be considered as an optimal agreement between Azerbaijan and Turkish companies.

Fiber-optic cable highway of SOCAR network is planned to install along gas pipeline and these works are scheduled to be completed in the first quarter of 2020.

2<sup>nd</sup> quarter of 2018–The first phase of TANAP (1350 km) from the Turkish-Georgian border to Eskishehir Province is planned to be completed.

2<sup>nd</sup> quarter of 2019- construction of gas pipeline stretching to Greece is planned to be completed.

1<sup>st</sup> quarter of 2020 - construction of gas pipeline stretching to Italy is planned to be completed.

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# JOINT PLANNING MAP OF TASIM/SOCAR PROJECTS

