

# Russia and Turkey: An Ambiguous Energy Partnership

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Notwithstanding the ambiguity the relationship between Russian and Turkey, it is quintessentially based on a solid economic foundation. Over the last couple of years these two European powers have had a lot of political crises due to their conflicting geopolitical ambitions. Despite their conflicting ambitions, the economic rationale always prevailed. Also Erdogan and Putin have one more thing in common: both are critical of the Western policies of inactivity over serious issues.

These two leaders are ambitious and opportunistic, swinging from making pledges for political partnerships to quarrels that could direct them to a high-risk conflicts. To better understand Russian-Turkish relations one must see them through the prism of recent developments.

At the onset of this decade, the world experienced Russian annexation of Crimea, which upset President Erdogan was unhappy about, but not enough to drive him to join the sanctions imposed by Western Nations. Moreover, Turkey remained frustrated with the way European Union handed the Turkey's accession process to the EU, and responded by joining the Shanghai Cooperation Organization led by Russia and China.[1]

Difference between Russian and Turkish foreign policy agendas are evident in the Syrian Civil War, where Turkey aimed to overthrow the Syrian President Bashar Assad from office, while Russian provided military, diplomatic, and political support to keep him in power.

On November 2015, the downing of a Russian bomber by a Turkish F-16 triggered a diplomatic crisis between the two countries, in which Moscow imposed economic sanctions on Turkey. In June 2016 Erdogan offered an apology, which Putin accepted. Russia then condemned the coup attempt by the Turkish military in July 2016 against Erdogan.

The two countries have clearly been in disagreement for a couple of years, but they have managed to quickly resolve their differences for economic purposes related to Russian-Turkish energy interdependence. Since Turkey is currently importing approximately 50 percent of its gas needs from Russia, Ankara is the second most valuable market for Russian gas after Germany.

This article argues that the energy relationship between Russian and Turkey forms the basis of the solid economic foundation that keeps the balance of power. It also explores the energy partnership and whether Turkey is energy-dependent on Russian energy resources and the reasons for the controversial diplomatic relationship between these two countries.

### Energy Partners or Energy Competitors?

In terms of the energy geopolitics, Turkey is a very important country for Russia's plans because Turkey is both a consumer and a transporter country. Specifically, Turkey controls the Bosphorus and the Dardanelle Straits that grant Turkey sole access to the Black Sea region. Also, Turkey is located in proximity to 72% of the world's proven gas and 73% of oil reserves[2]. With proven energy reserves in the Middle East and the Caspian Basin, Turkey forms a natural energy bridge between energy source countries and consumer markets.

Apart from the access to the Black Sea, Turkey is the "bridge" between Central Asia, the Caucasus, and Europe. As for its role as a transport country, unlike Russian, Turkey has direct access to the Caspian and to international

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ports, and is an established exporter to the West. Consequent, Turkey is more likely to compete with Russia for the transit of Caspian exports than to become its energy transit route.[3]

Concerning the oil transportation, Turkey has 3.7% of the world's daily consumption shipped through its straits.[4] On the other hand Turkey is dependent and a consumer of gas.

Currently natural gas is carried from Russia to Turkey via two routes: The eastern branch of the Trans-Balkan pipeline, which reaches Turkey via Ukraine, Romania and Bulgaria (completed in 1987 during the Soviet Union) and Blue Stream, which runs from Isobilnoye, Russia to the Black Sea port of Dzhugba, then beneath the sea, to Samsun on the Turkish Black Sea Coast.[5]

Ankara's gas demand has grown over the years, but Turkey is not short on gas. On the contrary, it has signed contracts with Russia and Iran to buy more natural gas than it actually needs. Erdogan has already built infrastructure for storing gas so that it can be re-exported to third-party countries.

Turkey and Russia have already signed three agreements in order to improve their partnership in the oil, gas, and nuclear energy fields. In exchange for more gas, Turkey will officially allow Russia to route South Stream gas pipeline through Turkey's exclusive zone, which rivals the Nabucco project.

Also, Turkey's Atomic Energy Agency and Russia's RUSATOM signed two agreements, one is for use of nuclear energy for peaceful purposes and the other is for early notification of nuclear accidents.[6] The agreements over nuclear energy highlight the current trend that the two countries have, especially when one considers that Turkey is a NATO country with ties with the US and signed the contract to construct the Akkuyu nuclear power plant, which is not sanctioned by NATO.

## **Current and Future Pipeline Projects**

Since the 2000s, Turkey's strategy has been to play the role of a powerful regional actor that brings together east and west. As analyzed above, Turkey is both a consumer and a producer country, so the country is building the means that will allow the transport of resources to world markets through Turkey.

The existing and the future projects between Russia and Turkey are the following: the Russian – Turkey Natural Gas Pipeline, the Blue Stream Gas Pipeline, the Blue Stream Pipeline II, the Nabucco Gas Pipeline, the Trans–Anatolia Natural Gas Pipeline Project, and the Turkish Stream Gas Pipeline.

### **The West Line Project**

This is the oldest agreement between Russia and Turkey. It was signed in September 1984 between the Republic of Turkey and the Former Soviet Union regarding natural gas delivery.

After the signature of the above-mentioned agreement and after the fulfillment of the Natural Gas Usage Survey, the two parties have determined potential consumption as well as feasible routes. After these first steps of the agreement, BOTAS and SoyuzGazExport have signed a 25-year Natural gas purchase-sale agreement in February 1986.

Natural gas imports started gradually from 1987 and reached their full potential of 6 billion m<sup>3</sup>/year in 1993. The Russia–Turkey Pipeline is 845 km long, enters Turkey from Malkoclar on the Bulgarian Border, and then follows of other route Hamitabat, Ambarli, Istanbul, Izmir, Bursa and Eskisehir and then reaches Ankara.

It is important to know that the construction works started in October 1986, and reached Hamitabat on June 1987, and Ankara in August 1988. This project has reached its full potential to 14 Billion m<sup>3</sup>/year capacity

### **Blue Stream Gas Pipeline**

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Under the scope of the above mentioned 25-year agreement, Russia made an offer to Turkey in 1996 to supply additional gas via a pipeline under the Black Sea, and in December of the following year the agreement was signed[7].

It was executed by the joint venture between Gazprom and ENL. Gas flows started in 2003 and the official opening ceremony was in November 2005. The total length of the pipeline is 1.213 k, and the subsea section is 396km long and the total cost of the Blue Stream Pipeline was 3.2\$ bil.

Blue Stream has three main parts: In Russia, a Pipeline System with a length of 370 km between the Izobilnoye – Djubga, which consists of 308 km long 56” pipeline and 62 km long 48” pipeline. In the Black Sea, between Djubga and Samsun, there are 2 lines of 24” diameter, each about 390 km in length. In Turkey, a pipeline system, which is 501 km long 48” pipeline. As for the Turkish part of the Blue Stream, it starts from Samsun and reaches Ankara via Amasya, Corum and Kirikkale, and it is connected to the Main Line near Polatli.

## **Blue Stream pipeline II**

In 2002, the Russian side first mentioned a second gas pipeline parallel to Blue Stream, and in August 2005 President Putin proposed the building of the Blue Stream II to the Turkish Prime minister. This new pipeline intended to supply gas to Turkey and Middle Eastern countries, including Israel.

In 2007, Putin changed his mind and proposed the South Stream project. In 2009, the Russian leader proposed again a revised version of Blue Stream II, which was parallel to existing Blue Stream pipelines but to connect Trans-Turkey pipeline in order to supply Syria, Lebanon, Israel and Cyprus.

## **Nabucco Natural Gas Pipeline**

In 2009, the Russian Federation signed an agreement for early gas purchases from Azerbaijan starting the following year. With this agreement, Europe’s hopes for gas from Azerbaijan via Nabucco were destroyed.

The capacity of Nabucco project was narrowed in the lowest of levels, when Turkmenistan signed a 30-year agreement in order to supply gas to China. This project has a great uncertainty on the subject of the supplier, because Nabucco’s gas would come from Azerbaijan, Turkmenistan and maybe later from Iran and Iraq.

The reason of the uncertainty of the supplience is that Azerbaijan, Turkmenistan, Iraq and Iran have great amounts of gas below ground, but haven’t developed their fields so much that sufficiently large quantities can come to the top. In addition to this, Nabucco Gas pipeline is a work in progress because there is not enough gas to flow into the pipeline, which is supposed to carry about 30 bcm of gas per year to Europe.

## **Trans-Anatolia Gas Pipeline**

SCP project, also known as Trans-Anatolian Pipeline, is meant to carry oil between Black Sea oil terminal in Samsun and Mediterranean oil terminal in Ceyhan in Turkey.[8]

This pipeline is 550 km long and has the capacity of 1.5 mil b/d, and is currently developed jointly by ENI and Calik Holding of Turkey. The sole purpose of this project is to provide an alternative route for Russian and Kazakhstan’s oil and also do something about the Bosphorus and Dardanelles traffic.[9]

The SCP project plays a very significant role for both Russia and Turkey. Although the NATO partners of Turkey had a different opinion and wanted the Central Asian Oil to be reached by non-Russian pipelines.

Turkey has a clear interest in this deal, because after the Russian and Kazak oil arrive to the Ceyhan port in the Mediterranean, there is a possibility to expand the pipeline even more to reach over to Israel, and then to the Gulf of Aqaba, where the supertankers will carry them to India.

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## Turk Stream Natural Gas Pipeline Project

In October 2016, Russian and Turkey signed the Intergovernmental Agreement concerning the Turk stream natural gas pipeline

Turk stream is a new pipeline with a capacity of 31.5 billion m<sup>3</sup> per annum for two lines, each having 15.75 billion m<sup>3</sup> per annum. It runs from Russia through Black Sea to the terminal on the Black Sea coast of Turkey, and it consists of an offshore section and an onshore section.

This pipeline serves two purposes. The first one is to supply natural gas from Russia to Turkey and the second one is to supply Europe with Russian gas through Turkey. The construction and operation of the two pipelines in the offshore section will be carried out by the Russian Federation.

As for the onshore section, one pipeline will be constructed by BOTAS, and the other pipeline of the onshore section will be constructed by BOTAS and TürkAk?m Gaz Ta??ma Anonim ?irketi, with a partnership of 50% share.

The construction of the first line to Turkey and the second to Europe are planned to be in operation at the end of 2019.

As for the usage of this pipeline, it is to correct the supply from Russia to Turkey, which is cut off from time to time. That's why Turk stream is made solely to supply gas to Turkey. With this solution, it will be ensured that the gas transported from any country to Turkey without the use of the transmission system will not be exposed to any kind of external interruptions of the gas flow from third parties.

## Conclusion

Political relations between Turkey and Russia are controversial but they are sustained with strong economic ties. A relationship based on economy is stable but can easily generate political and geopolitical tensions, as they have in Syria

Russia and Turkey have similar leaders. Both Presidents Putin and Erdogan are autocratic leaders that mistrust European policies and resent being excluded from the European integration project. Nevertheless, they remain different in their political experiences and worldviews.

Additionally, both countries have very different economic structures and have experienced a lot of turns throughout their history. Both had state-centric models and went through rapid economic reforms.

In political terms, while Erdogan came to power after 20 years of growth that developed Turkey into middle income country, where as Putin inherited from his predecessor a country with a degraded economy, making economic growth his key political asset. So when Erdogan aimed to expand economic ties with Russia, Putin was happy to reciprocate.

In the energy sphere, both countries have strong ties. Turkey is energy-dependent through the extended gas imports from Russia, and Russia needs Turkey for its geopolitical position, which makes Turkey a transport and a consumer country.

Indeed Turkey is the second most valuable market for Russian gas after Germany and Gazprom aims further expansions. On the other hand, most elites in Ankara don't want Turkey to be energy-dependent to Russia, which accounts for most of Turkey's trade deficit with Russia.

One of the key targets of Turkey's energy agenda is to diversify supplies, such as natural gas and the greater goal is to be a "gas hub", meaning that exports flow from the Eastern Mediterranean, Azerbaijan, Iraq, Iran, and

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Turkmenistan to the European Market.

Of course, Russia is not thrilled with this plan, because eventually the Federation will lose the monopoly of natural gas, especially if we consider that the US has started shipping LNG to Europe.

In conclusion, Russia needs Turkey's geopolitical position to gain access to the Black Sea Region, and Turkey needs Russia because of its natural gas imports.

## Notes

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