

TAPI project book summary

by Amina “Bakhtari” in 2023

This is the summary of the TAPI Project book. This book is about one of the important projects that, if implemented, will have great economic, security, and job creation importance for Afghanistan. The TAPI project is a natural gas transmission project that has many benefits and achievements for the countries of the Commonwealth of Nations and is of great importance. Gas energy is an important resource for the electricity production industry and a good alternative to coal for fuel. Today, all developing industrial countries are trying to allocate more of it for themselves, and the demand for gas is increasing day by day. TAPI is derived from the abbreviation of the names of the Commonwealth countries (Turkmenistan, Afghanistan, Pakistan, and India). The operation of the TAPI project and its economic role have great benefits for the member countries and the region, and Afghanistan's benefits from this project will be more, compared to other countries. The total length of the TAPI gas pipeline is 1814 km, and this pipeline transfers gas from Turkmenistan to Pakistan and India through Afghanistan. This gas pipeline enters Afghanistan after 147 km in the territory of Turkmenistan and passes 816 km through Herat, Farah, Helmand, Nimroz, and Kandahar provinces of Afghanistan to Quetta, Pakistan, and from there to Multan city of this country, and finally, it ends in Fazelka which is a region in Punjab, India. 12 pressure pumps will be installed along the TAPI gas pipeline, the value of five of which will be one billion dollars inside Afghanistan. TAPI gas pipeline will bring great economic, security, social, and cultural benefits and achievements for the region and the four member countries, especially Afghanistan. The world's largest oil and gas reserves are located in the Persian Gulf, Central Asia, and the Caucasus, which account for 60% of the world's oil reserves and 40% of the world's gas reserves in these regions. Now the TAPI project is not a single project, but several other projects will be implemented along this gas pipeline. Also, the western section of Afghanistan's circular optical fiber passes through TAPI, And the Afghanistan-Turkmenistan railway will be opened at the same time as the TAPI project. The new project of a 500 kW power transmission line to Turkmenistan, Afghanistan, and Pakistan will also pass through TAPI. And about 15 billion dollars will be invested in this sector. With the operation of the TAPI project, Afghanistan will get 400 million dollars of gas transit rights every year, apart from getting enough gas from this project. There are still obstacles to exporting Turkmenistan's gas to India, including 1- Disputes between India and Pakistan 2- Afghanistan unrest 3- Disputes over gas price and gas transit rights.