



About ISGS

Enabling sustainable energy future

Inter State Gas Systems Private Limited is a major contributor of Pakistan's efforts to contrive gas resources for bridging the widening natural gas demand and supply gap in Pakistan. We strive to source and transport clean and affordable energy through reliable and efficient means for sustainable social and economic development of Pakistan thereby enriching people's quality of life. We follow the fundamental tools i.e Availability, Affordability and Sustainability as basis for our endeavor to achieve the objectives.

The Company was established in 1996 and is wholly owned by the Government of Pakistan with a mandate to identify and assess opportunities for import of natural gas and implementation of gas infrastructure projects. The Company works under the direct auspices of Ministry of Energy's Petroleum Division to support the Government of Pakistan's objectives of promoting sustainable economic growth, enhancing economic empowerment and reducing poverty by ensuring reliable energy security.



Mission Statement

Shaping concepts to secure nation's energy future

Vision Statement

We are striving to be a notable element of Pakistan energy's future; a reliable and sustainable source of energy for Pakistan through imports and developing integrated national and transnational infrastructure. A reagent in solutions, originations and innovation in energy infrastructure progression.



Gas Import
Gas Sale Purchase
Agreements with
Iran and and
Turkmenistan for
20bcm gas



Gas Infrastructure
Five major Gas
pipeline
projects-Network of
6500 Kms with 80
bcm transport
capacity



**One window
facilitation**
We provide
facilitation to
investors who plan to
operate in energy
sector in Pakistan



Think Tank
Our robust
understanding of the
energy sector enables
us to provide requisite
support to
Government

MD's Statement

We strive to achieve sustainable energy solutions for Pakistan through an integrated approach by harnessing energy resources from within and outside Pakistan in a manner that supports lasting development. We revel our role as a pioneer in finalising the Pakistan's first ever imported gas purchase agreement.

Amid the rapid global transformation of the energy sector, we look through the lens of transitional development and recalibrate our goals accordingly. This empowers us to respond to emerging trends that are shaping this sector to achieve greater sustainability.

The projects, currently under execution, are of immense importance not just in terms of reliable, affordable, efficient and clean energy supplies to the country but also provides an avenue for regional connectivity and outreach. We have launched strategic concepts towards adding secured energy supplies to the nation's Energy Mix. Other than piped gas imports including the vital Turkmenistan-Afghanistan-Pakistan-India (TAPI) Gas Pipeline Project, we also ventured into oil and gas infrastructure development business in the country.

We have achieved notable progress, crossed critical milestones and shall continue to strive towards excellence. Our dedicated and talented workforce has greatly shared and will continue to share this struggle for steady performance at the operational front.

Nadeem Javed Bajwa
Managing Director,
ISGS



OUR PORTFOLIO

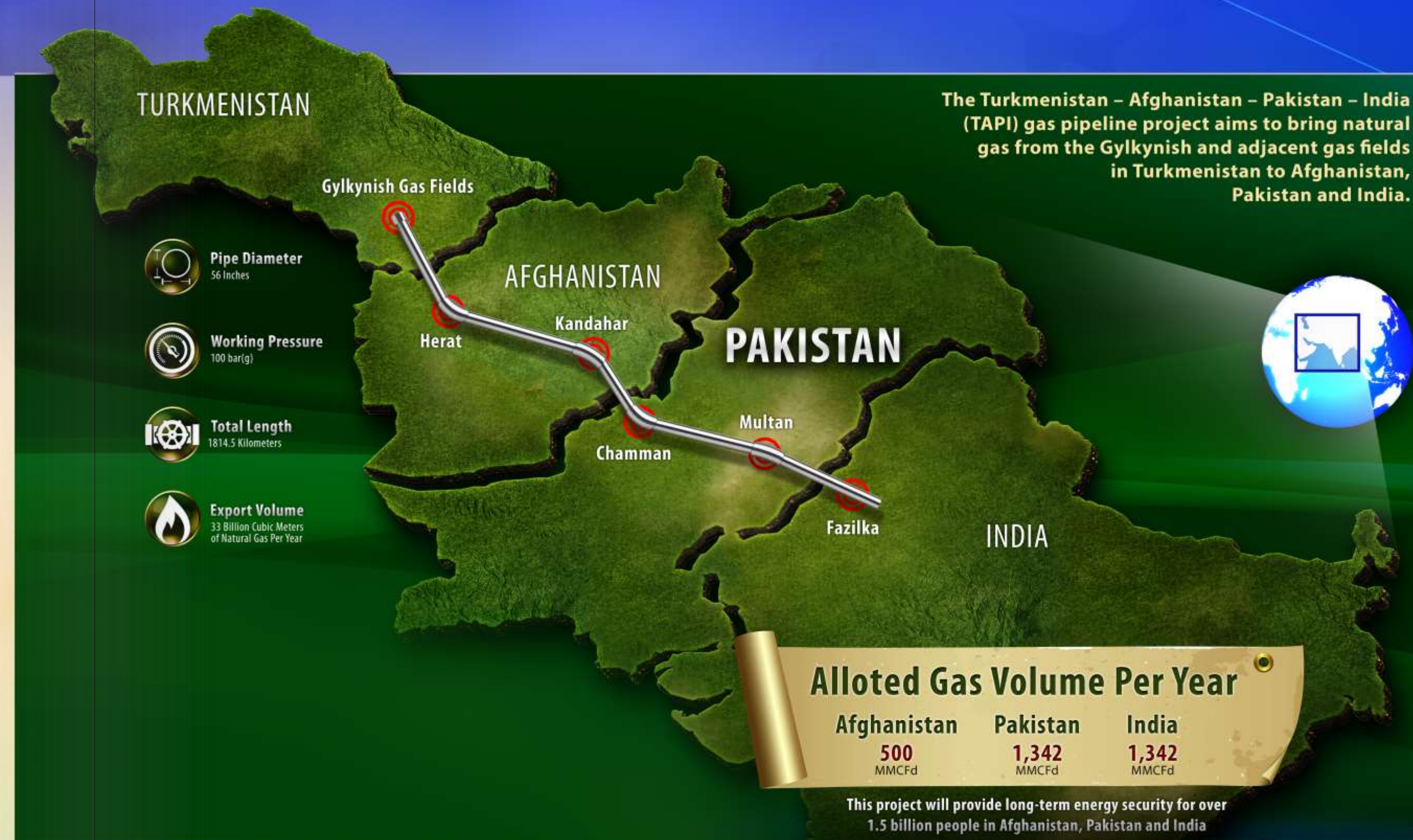
Inter regional connectivity for sustainable growth

TAPI Gas Pipeline

Turkmenistan, Afghanistan, Pakistan and India (TAPI) pipeline, also known as the Peace Pipeline, is a trans-country natural gas pipeline which starts from Turkmenistan and traverse through Afghanistan and Pakistan and ends at Pakistan –India border.

The project aims to bring natural gas from the Gylkynish and adjacent gas fields in Turkmenistan to Afghanistan, Pakistan and India. The Pakistan section will move via Quetta and Multan. The pipeline will have the capacity to transport up to 33 billion cubic meter of natural gas per year over a period of 30 years. The Governments of Turkmenistan, Afghanistan, Pakistan and India respectively nominated State Concern Turkmengaz, Afghan Gas Enterprise, Inter State Gas Systems (Private) Limited, and GAIL (India) Limited to promote, implement and invest in, the Project.

To further streamline and facilitate the implementation activities, the project company TAPI Pipeline Company Limited (TPCL) has been registered in the Isle of Man as a limited liability company. The Project has seen considerable progress in terms of finalizing the contractual framework and completing the initial technical work i.e Front End Engineering and Design, environmental social and other geotechnical studies.



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The Iran Pakistan Gas Pipeline project towards a secure energy future

Iran Pakistan Gas Pipeline

Iran's South Pars gas field is aimed to connect at the Pak- Iran border, near Gwadar. The Pakistan section of the pipeline will be close to the Makran costal highway up to Nawabshah covering a distance of over 781 KM.

Gas Sales and Purchase Agreement (GSPA) signed between ISGS-Pakistan and NIOC-Iran allows Pakistan to import 750 million cubic feet of Gas molecules per day.

A segmented approach is agreed among the parties whereby both parties are responsible for construction of their respective part. Pakistan Side Completed the Project FEED, SEIA and detailed route survey. ISGS has achieved significant progress on IP project including signing of OA, Bankable Feasibility Study, Front End Engineering Design (FEED). The project is ready for EPC tendering.



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New Infrastructure to power an expanding economy

Pakistan Stream Gas Pipeline

(Formerly North South Gas Pipeline)

The existing gas infrastructure of Pakistan lacks capacity to transport additional large volume of gas supplies from Southern to Northern regions of the country. Therefore, keeping in view the expected additional gas/LNG supplies in near future, a major gas transmission pipeline from Karachi to Lahore has been planned.

The pipeline will connect upcoming LNG Terminals at Port Qasim or adjacent locations with distribution network in the Northern part of Pakistan, having more than half of total country's gas demand. The length of the pipeline will be 1100 KM capable of transporting over 1.2 billion cubic feet of gas per day.

PSGP aims to transport approximately over 1200-1600 MMCFd of liquified natural gas (LNG) from Karachi to Lahore by laying 42-56 dia, 1,100 kms pipeline.



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Our projects are vital to secure energy future of Pakistan

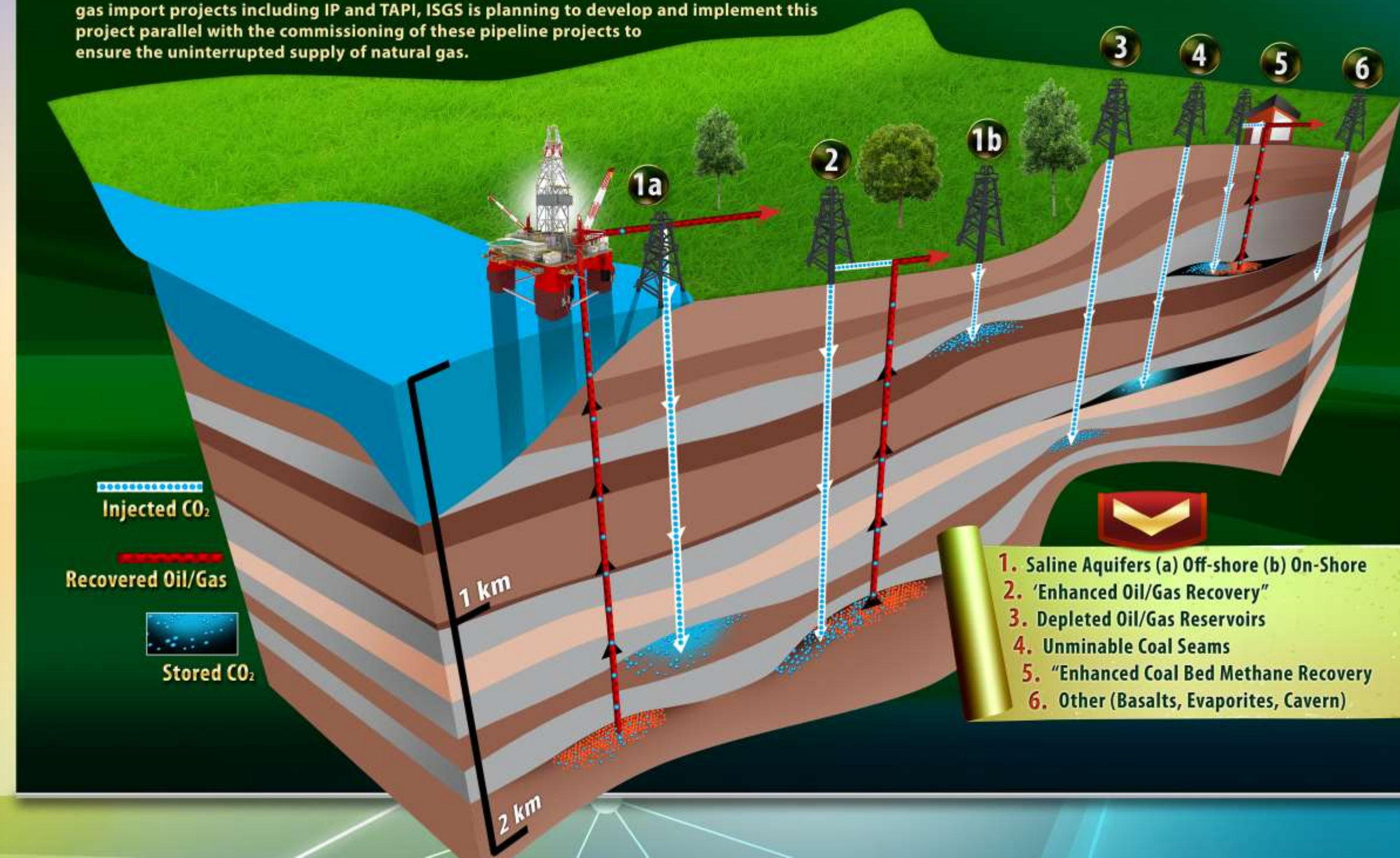
Underground Gas Storages (UGS)

Underground storage of gas provides the short term standby reserves to mitigate risks of interruption in supplies until the main stream supplies are restored or to meet seasonal fluctuations in demand such as winter peak shaving.

The Government of Pakistan (GOP) wishes to prepare the development and implementation of the country's first underground gas storage (UGS) facility along with ancillary facilities and connecting pipelines to ensure uninterrupted supplies of natural gas and/or liquefied natural gas (LNG).

In this regard, ADB has conducted feasibility study back in 2007 and recently updated in 2022 through Consultant. The Consultant proposed three underground gas storage sites having depleted fields, in the same geographical area of Badin, Sindh and similar characteristics. ADB is further engaged in transforming the study into bankable PIM, legal and regulatory framework and develop the recommended transactional model and financing structure of the Project.

UGS projects have been implemented as a viable alternative for the continuity of gas supply across the globe; especially USA, UK, Germany, Russia and Turkey have developed huge UGS facilities by deploying depleted gas fields, salt caverns and aquifers. Keeping in view the upcoming natural gas import projects including IP and TAPI, ISGS is planning to develop and implement this project parallel with the commissioning of these pipeline projects to ensure the uninterrupted supply of natural gas.



OUR PORTFOLIO

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South North Gas Pipeline

Both, Pakistan and China, had agreed to establish a Sub Group on Oil and Gas sector under Joint Energy Working Group of CPEC aiming to jointly develop the projects for implementation in the oil and gas sector.

Feasibility study for 42" dia pipeline, having 1192 KM length from Karachi to Lahore with design capacity of 1.2 BCFD has been completed.



What we offer to Investors

A worthy and reliable partner

1. Promoting Regional Connectivity

ISGS transnational pipeline projects serves as channel to provide connectivity to South Asia, Central Asia and Middle Eastern region, thus promoting regional harmony and investor's confidence.

2. Discernment of Mega Energy Projects

ISGS holds robust understanding of local and international energy markets and projects and holds enormous database for the same. ISGS has established benchmarks for various national and transnational energy projects.

3. Attractive Return on Investment (ROI)

Pakistan's regulatory framework and ISGS win-win business model offers attractive and steady ROI to investors. We encourage strong project fundamentals and financial attractive ventures with limited technology development risks.

4. Assistance to investors in Project Assessment

ISGS provides facilitation to investors by providing guidance in relation to prevailing regulatory regime, government approvals/authorizations and other project planning aspects. Investors can avail ISGS expertise in project assessment including financial and technical feasibilities, route/ site selection etc.

5. Coordinate and manage mega energy project

ISGS as a strategic partner assists to organize, arrange, systemize and synchronize the activities of energy project in Pakistan. Further, it helps build enduring relationships based on mutual trust with governments, customers, partners, suppliers, communities etc.

Investment Opportunities

Government of Pakistan provides an enabling environment for investment in the energy sector with particular focus on gas imports and infrastructure development and ISGS can facilitate investment in: LNG Supply

- a) LNG Terminal
- b) Gas Pipeline Infrastructure
- c) LPG Supply and Infrastructure development
- d) Gas Storages





INTER STATE GAS SYSTEMS (PVT) LTD.

8th Floor, Petroleum House, Ataturk Avenue, G-5/2, Islamabad, Pakistan.

Tel: 92-51-9217667-69 Fax: 92-51-9217691 www.isgs.com.pk

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