



FRONTIER WORKS ORGANIZATION

Reliability & Excellence

Frontier Works Organization (FWO) is a distinguished engineering entity with a global footprint. Focused on infrastructure development, embodying a commitment to engineering excellence

PROLOGUE TO EXCELLENCE

KARAKORAM HIGHWAY

Frontier Works Organization (FWO) was established in October 1966 to construct a land link across the highest mountain ranges in the world – the Karakoram Highway or KKH.

The mighty highway, commonly known as 'Eighth Wonder of the World' is approximately 1300 kilometers long, connecting all weather friends Pakistan and China through Khunjerab Pass at an altitude of 4,693 meters. Since its inception, FWO has taken up a leading role in constructing Pakistan's communication infrastructure including roads, railway lines, airfields, dams, barrages, canals, thermal and hydropower projects, tunneling, mining, telecommunication, residential and industrial units, providing its unmatched qualitative expertise for service of our Nation





Core Values
&
Principles

VISION

**TO BE THE PREMIER
CIVIL ENGINEERING CONSTRUCTION
ORGANIZATION IN PAKISTAN**

RESILIENCE

RELIABILITY

EXCELLENCE

TRUST PASSION EXPERTISE

One of the largest infrastructure development companies in Pakistan, specialized in multifarious fields of civil engineering since 1966

8
REGIONAL
OFFICES

1
INTERNATIONAL
OFFICE

23000+
WORKFORCE

28
SUBSIDIARIES

5
COUNTRIES

7
SECTORS

4800+
PLANT PIECES & MACHINERY





AFGHANISTAN
(2006 - TO DATE)

KUWAIT
(1991)

SAUDI ARABIA

UAE
(2013 - TO DATE)

LIBERIA
(2004)

REGIONAL OFFICE-PESHAWAR
REGIONAL OFFICE-RAWALPINDI

REGIONAL OFFICE-ABBOTTABAD

**HEADQUARTERS FWO
RAWALPINDI**


REGIONAL OFFICE-THALIAN

REGIONAL OFFICE-LAHORE


REGIONAL OFFICE-BAHAWALPUR

REGIONAL OFFICE-KARACHI

COMPANY CERTIFICATE



CERTIFICATE



Management system as per EN ISO 9001:2015

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that


Frontier Works Organisation Civil Contracting - Sole Proprietorship LLC

Po Box # 107974, Office No. 402,
4th Floor Jumaa Ahmad al Bawadi Building,
Abu Dhabi, UAE.

applies a management system in line with the above standard for the following scope

Project management, all types of buildings including décor, road, bridges, tunnels, infrastructure development, levees, ports and airports construction projects, onshore & offshore oil and gas fields and facilities services, engineering and construction services, electrical & mechanical works and client satisfaction index monitoring.

Certificate Registration No. 20100223013643






Certification Body
at TÜV AUSTRIA CERT GMBH


Valid until 2025-03-10
Initial certification: 2022-03-11

Vienna, 2023-04-19


This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification procedures and is subject to regular surveillance audits.
TÜV AUSTRIA CERT GMBH Deutsehstraße 10 A-1230 Wien www.tuv.at

ZERTIFIKAT | CERTIFICATE | CERTIFICADO | CERTIFIKAT | 33134 | 33134



CERTIFICATE



Management system as per ISO 45001:2018

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that


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Certificate Registration No. 20116223013645






Certification Body
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ZERTIFIKAT | CERTIFICATE | CERTIFICADO | CERTIFIKAT | 33135 | 33135



CERTIFICATE



Management System as per EN ISO 9001 : 2015

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

FRONTIER WORKS ORGANIZATION (FWO)
Hq Fwo 509 Kashmir Road, R.A Bazar
RAWALPINDI, PAKISTAN

Applies a Quality Management System in line with the above Standard for the following Scope

PROJECT MANGEMENT, INFRASTRUCTURE DEVELOPMENT (AIRPORT, COASTAL, IT AND TELECOMMUNICATION), DESIGN AND ENGINEERING CONSTRUCTION, ELECTRICAL AND MECHANICAL WORKS, DAMS & HYDRO PROJECTS, MINING AND MINERAL EXPLORATION PROJECTS AND CLIENT SATISFACTION INDEX MONITORING.

Certificate Registration No.: 20001230000345



Rashid Mehr
CEO
Certification Body
at TÜV AUSTRIA

Valid until: 2025-12-28

Lahore, 2022-12-29

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

TÜV AUSTRIA HELLAS:
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GR-152 43 Athens, Greece
www.tuv.austriahellas.gr
GEM No.: 1650201000




ZERTIFIKAT | CERTIFICATE | CERTIFICADO | CERTIFIKAT | 33136 | 33136

HEALTH



SAFETY



ENVIRONMENT



The management of FWO looks after the welfare of its employees, focuses on in-depth inspection of specific activities, equipment or areas while defining the risk and measures required to raise the level of health and safety practices. We deliver training and update our new or existing employees about health, safety and best practices of environment

ACHIEVEMENTS

THE BEST INFRASTRUCTURE
DEVELOPMENT & THE FASTEST
GROWING COMPANY

FWO HAS COMPLETED
676 PROJECTS

WORTH
USD 2.681 BILLION



Best Infrastructure Development Company of Pakistan for 2016 during 29th RCCI International Achievement Awards held in Dubai UAE



Fastest Growing Company of Pakistan for 2017 during 30th RCCI International Achievement Awards held in Turkey

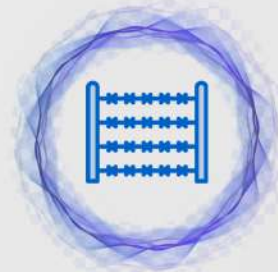
MAJOR SECTORS



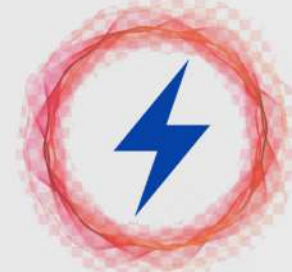
CONSTRUCTION



MINING



FENCING



ENERGY



**CORPORATE
SOCIAL
RESPONSIBILITY**



AGRICULTURE



TUNNELLING



**INFORMATION
TECHNOLOGY**



TOURISM





CONSTRUCTION



MAJOR FIELDS OF WORK

INFRASTRUCTURE

MOTORWAYS & HIGHWAYS

BRIDGES, FLYOVERS, INTERCHANGES

& TUNNELS

DAMS, THERMAL & HYDROPOWER PLANTS

HOUSING SOCIETIES

AIRPORTS, AIRFIELDS & RAILWAYS

CIVIL WORKS AT SEA PORTS

IRRIGATION SYSTEMS

HOSPITALS

EDUCATION INSTITUTIONS

INDUSTRIAL

OIL VILLAGE

WHITE OIL PIPELINE

MEGA STRUCTURES

KARAKORAM HIGHWAY

MUZAFFARGARH POWER PLANT

MAKRAN COASTAL HIGHWAY

GOMAL ZAM DAM

ISLAMABAD INTERNATIONAL AIRPORT

KARTARPUR CORRIDOR

INFECTIOUS DISEASES HOSPITAL

DIAMER BASHA DAM

JAGLOT - SKARDU ROAD



MOTORWAYS | ROADS | HIGHWAYS

LANDMARK COMPLETED PROJECTS



Makran Coastal Highway
(N-10)



Islamabad - Lahore Motorway
(M-2)



Hakla - DI Khan Motorway
(M-14)



Swat Motorway
(M-16)



Karakoram Highway
(N-35)



Karachi - Hyderabad Motorway
(M-9)



Jaglot - Skardu Road
(S-1)



Torkham - Jalalabad Road



MOTORWAYS | ROADS & HIGHWAYS

ONGOING PROJECTS



Gujranwala - Lahore Sialkot Motorway
Dual Carriageway



Lahore Ring Road Southern Loop - III



Timergara - Khar - Mamad Gat Road



Rawalpindi Ring Road



Lillah - Jhelum Dual Carriageway



Islamabad Expressway



Sialkot Kharian Motorway



BRIDGES | FLYOVERS | INTERCHANGES

LANDMARK COMPLETED PROJECTS



Sheikh Khalifa Bin Zayed Al Nahyan Bridge – Swat



Shalimar Flyover – Lahore



Remodeled Ammar Chowk Rawalpindi



Chakdara Interchange – Swat



Rawal Interchange



DHA – 5 Interchange

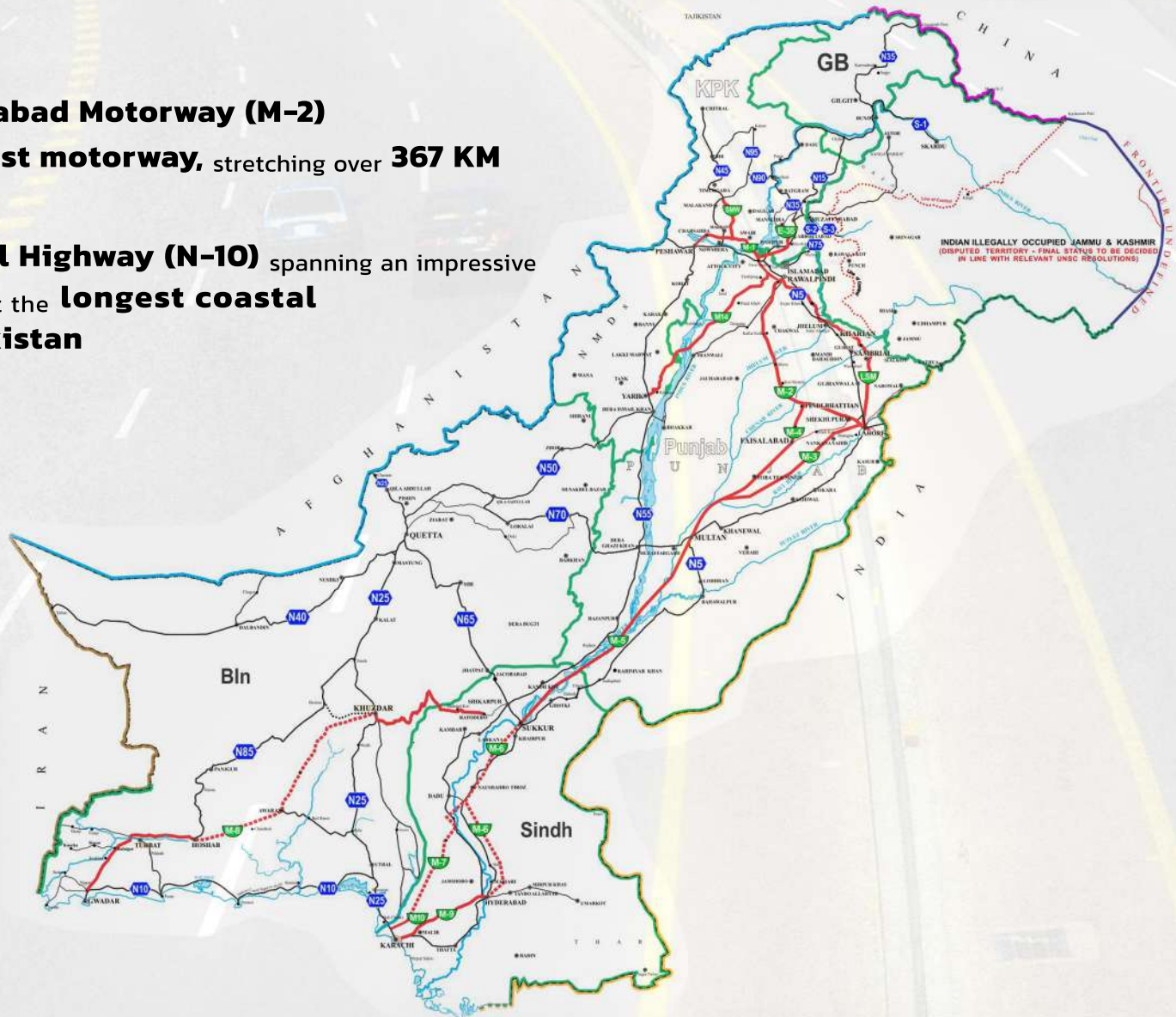


MOTORWAYS & HIGHWAYS

HISTORIC BENCHMARK IN REGIONAL CONNECTIVITY

Lahore - Islamabad Motorway (M-2)
South Asia's first motorway, stretching over 367 KM

Makran Coastal Highway (N-10) spanning an impressive
653 KM, making it the longest coastal highway in Pakistan





DAMS | THERMAL & HYDROPOWER | IRRIGATION SYSTEMS

LANDMARK COMPLETED PROJECTS



Khanpur Dam - Khyber Pakhtunkhwa



Thermal Power Station - Muzaffargarh



Rehabilitation of Sukkur Barrage



Gomal Zam Dam - South Waziristan



Extension of Mangla Hydroelectric Power Station



Dhana Irrigation & Water Supply Scheme



DAMS | HYDROPOWER

ONGOING PROJECTS



Diamer Basha Dam - Gilgit Baltistan



Kurram Tangi Dam
- North Waziristan



Hanzel Hydro Power
Project Gilgit Baltistan



Jagran - II Hydropower Project
Azad Jammu & Kashmir



Dadhocha Dam - Rawalpindi



UNITED ARAB EMIRATES PROJECTS

LANDMARK COMPLETED PROJECTS



Residential Complex - Abu Dhabi



Twin Towers - Abu Dhabi



Villas - Dubai



Commercial Tower G+9 - Abu Dhabi



Administration Complex - Abu Dhabi



Sports Complex - Abu Dhabi



Building Complex - Abu Dhabi



UNITED ARAB EMIRATES PROJECTS

ONGOING PROJECTS



Commercial Building 3B + G + 10 +
Al - Raha Beach - Abu Dhabi (P-17)



Civil Defence Complex, Falaj - Al- Mualla
Umm Al Quwien (P-19)



BUILDING INFRASTRUCTURE

LANDMARK COMPLETED PROJECTS



Kartarpur Corridor - Narowal



Housing Societies



Infectious Diseases Hospital Islamabad



Oil Village - Thalian



Gwadar Cantt



BUILDING INFRASTRUCTURE

ONGOING PROJECTS



Medical College - Nowshera



Nilore Residencia - Farash Town Islamabad



Karachi Circular Railway



White Oil Pipeline
Machike - Thalian - Taru Jabba



Revamping of Gujjar Drain - Karachi



AIRPORTS, AIRFIELDS & RAILWAYS

LANDMARK COMPLETED PROJECTS



Islamabad International Airport



Skardu Airfield



Dualization of Railway Track from Lodhran to Khanewal Length 119 Km



Miranshah Airfield



Wana Airfield



Dualization of Railway Track from Khanewal to Raiwind Length 256 Km





AGRICULTURE



GREEN PAKISTAN INITIATIVE (GPI)

AGRICULTURE

GPI, an initiative of Government of Pakistan, to cultivate the barren land of Cholistan, within a limited time frame

70,000 ACRES OF LAND READY FOR CULTIVATION

WORK ON MODEL FARMS STARTED ON 10,000 ACRES OF LAND

IRRIGATION SYSTEM, ROAD NETWORK AND ELECTRICITY SUPPLY SYSTEM



GREEN PAKISTAN INITIATIVE

AGRICULTURE



Land Leveling



Irrigation System



Road Network



Cultivation

An aerial photograph of a vast, flat agricultural field. The field is divided into numerous rows, with several large tractors and harvesters visible, engaged in farming activities. The machinery is primarily red and blue. The ground is a mix of light brown soil and patches of green vegetation. The overall scene depicts a busy agricultural landscape.

GREEN PAKISTAN INITIATIVE
A COMMITMENT TO A SUSTAINABLE JOURNEY



MINING



MINERALS EXPLORATION DEVELOPMENT ORGANIZATION (MEDO)

MINING

MEDO, a subsidiary of FWO, is undertaking exploration and mining of base metals & dimension stones across Pakistan since 2015

Large scale mining operations in all provinces of Pakistan

COPPER AND GRANITE MINING PROJECTS

OVER 1000+ TECHNICALLY SOUND HUMAN RESOURCE

Enhancing the dimension stone industry



MINERALS | GRANITE | BASE METAL | EXPLORATION

MINING

COPPER MINING



Muhammad Khel

GRANITE MINING



Nagarparkar

BASE METAL MINING



Chapurson

EXPLORATION



Nazbar & Chillum

BASE METAL MINING



Chaghi Belt



OPERATIONS AT MUHAMMAD KHEL

MINING



Copper Mine



Beneficiation Plant



Processing Section



Copper Concentrate



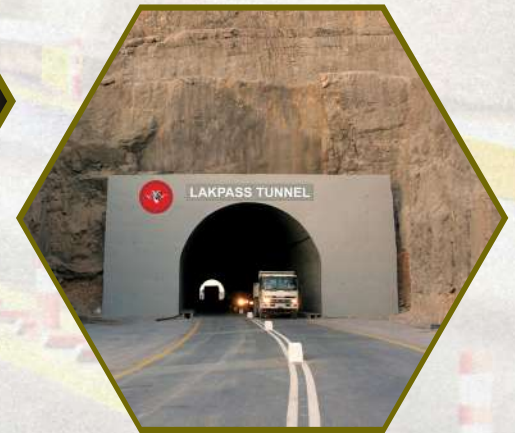
TUNNELLING

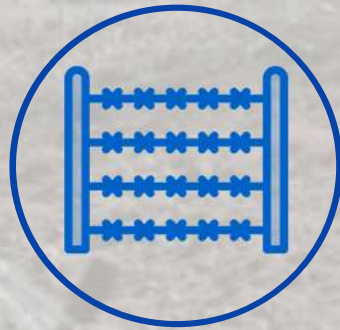


Tunnelling Institute of Pakistan (TIP), A world-class facility, 6th of its kind

Pakistan Tunneling & Trenchless Society (PTTS),
Sole representative at the largest International tunnelling forum

International Tunneling and Underground Space Association (ITA),
Membership Secured 79th position at the 49th General Assembly





FENCING



FENCING

Our workforce is well-equipped with the requisite capabilities, skills, and hands-on experience to seamlessly install fencing

FWO Successfully installed
150 km of fence and **70 km** of
guard rails on different
projects

Our dedication ensures that every project is executed with integrity, efficiency, and a relentless pursuit of excellence





INFORMATION TECHNOLOGY



INFORMATION TECHNOLOGY

TREND SETTER OF SOPHISTICATED TRAFFIC & TOLLING MANAGEMENT SYSTEM

Electronic Toll Collection & Intelligent Transportation System on all Motorways

Operations Command & Control Center (OCC) for Live Monitoring of Toll Collection & Efficient Traffic Management



MOTORWAYS & EXPRESSWAYS

INFORMATION TECHNOLOGY

M-1	Islamabad – Peshawar	155 KM
M-2	Lahore – Islamabad	367 KM
M-3	Lahore – Abdul Hakeem	230 KM
M-4	Pindi Bhattian – Multan	297 KM
M-5	Multan – Sukkur	392 KM
M-9	Karachi – Hyderabad	136 KM
M-11	Lahore – Sialkot	89 KM
M-14	Hakla – DI Khan	292 KM
E-35	Hazara Expressway	100 KM
M-16	Swat Expressway	81 KM
LRR	Lahore Ring Road	85 KM
LSF	Lahore – Faisalabad	115 KM



2339KM
Of Roads Infrastructure

BOT – 873km
NHA – 1466 km

12
Motorways & Expressways

147
Interchanges

1200+
Toll Lanes



INFORMATION TECHNOLOGY

24/7 MONITORING OF 4,700+ IT ASSETS HAVING 56,000 SENSING POINTS ON MOTORWAYS



Congestion Monitoring

Congestion status of all Motorways is monitored round the clock



Business Intelligence

Data is analyzed to fetch insights that facilitate decision making process



Network Monitoring System

Monitoring and controlling IT equipment all the time



Prompt Rectification

Issues are identified and resolved at priority through Mobile Repair Teams



SAFE CITY PROJECT

INFORMATION TECHNOLOGY

FWO, a committed contributor to the Punjab Safe Cities project, ensures community safety in Rawalpindi, Gujranwala, and Faisalabad by strategically deploying surveillance systems in over 900 areas in these three cities, leveraging robust access control measures and cutting-edge surveillance technology.

GUJRANWALA



RAWALPINDI



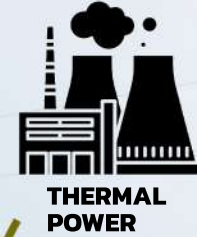
FAISALABAD



ENERGY



CONTRIBUTING TOWARDS THE ENERGY SECURITY OF PAKISTAN



HYDROELECTRICAL



HYDRO & THERMAL POWER PROJECTS

ENERGY

DIAMER BASHA DAM



KURRAM TANGI DAM



JAGGRAN - II HPP



HANZEL HPP



**THERMAL POWER
STATION
MUZAFFARGARH**



TOURISM





MARCO POLO RESORTS

HOME AWAY FROM HOME

KAGHAN

SHANGRILA

MURREE





**PROMOTING TOURISM BY
OFFERING STATE OF THE ART
TOURIST FACILITIES**



Nested among breathtaking scenic places of Pakistan



Comfort and luxury at reasonable cost



Earthy toned spacious rooms in majestic setting

3 RESORTS COMPLETED



Enriched with an epitome of beauty



Nestled in the picturesque sceneries



Glamping pods in the lap of nature



CORPORATE SOCIAL RESPONSIBILITY





CORPORATE SOCIAL RESPONSIBILITY

WE AIM TO GIVE BACK TO THE SOCIETY

EDUCATION

Construction Technology Training Institute (CTTI)



Imparted technical training to more than 35000 students since 1986

CTTI Campus Khyber Pakhtunkhwa



Imparted technical training to more than 9000 students since 2015

Army Public School & College (APS&C)



Imparted education to approximately 7000 students since 2015

HEALTH

Isolation Hospital & Infections Treatment Centre



First ever pre-fabricated 250 bedded hospital completed in record 40 days

Free Medical Camps



Regular free medical camps in Gilgit Baltistan

Trauma Centers



Establishment of Trauma Centers on Motorways as first aid responder



DISASTER MANAGEMENT

CORPORATE SOCIAL RESPONSIBILITY

Margalla Towers Rescue Operation

8 OCTOBER 2005



After an intensive rescue operation of 36 hours, FWO teams rescued people from earthquake rubble

Attabad Landslide Rescue Operation

4 JANUARY 2010



A spillway created by FWO solved the immediate threat of lake burst

Gyari Sector Avalanche Rescue Operation

7 APRIL 2012



FWO played an instrumental role in recovering the bodies of martyrs of Pakistan Army

Snow Clearance Operation Murree

9 JANUARY 2022



FWO teams mobilized to open blocked roads of Murree and helped strained people stuck in snow storm

Flood Relief Operations

AUGUST - SEPTEMBER 2022



FWO took part in flood relief & rehabilitation operations in Khyber Pakhtunkhwa, Sindh & Gilgit Baltistan



Sarsabz-o-Shadab Pakistan Campaign



Green Motorways Initiative



Progressive plantation of local trees with the aim to have one million trees lining our Motorways

OUR ESTEEMED PARTNERS



FWO
Reliability & Excellence



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