

BARSYL
we innovate

EXPERTISE IN

SIDINGS & LOGISTICS

Engineering Excellence.
Powering Logistics.



FEASIBILITY
& DPR



DETAILED
DESIGN



PMC &
SUPERVISION



INTEGRATED
LOGISTICS



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ABOUT US



Commenced operations in **1986**.



Specialized, **Rail Focused**, Indian Multinational



A **Global Consulting** organization with over three decades of specialized Railway experience.



Executed Projects in **18 countries** across **5 Continents**.

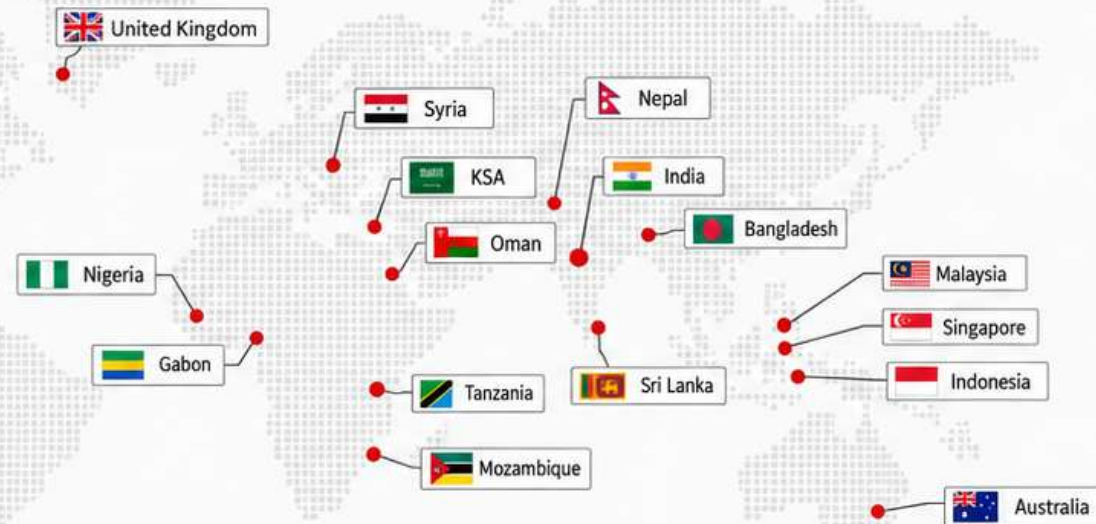


Industry Recognition:

- CEAI National Award for Excellence in Project Engineering 2024
- Best Services Company from Industries and Commerce Department - Government of Telangana – 2024
- Iconic Brand of Year – 2023
- National Award for Consumer Insight of the year 2023.
- Winners of 5th edition of Iconic Brand of the year award 2023.
- INDIA 5000 BEST MSME AWARDS – 2023.
- Leaders of Global Magazine as 10 Most successful Consultant Companies of 2022
- SME Empowering India Awards – 2021
- Rail Analysis SME of the Year- 2020
- SIDBI-ET India MSE Best Exporter Award – 2019
- Corporate Excellence Awards, CV Magazine – 2018
- INDIA 5000 Best MSME Awards – 2017
- India Small Giants, MSME's of India – 2013-2014
- BOI India SME 100 SME Award – 2012
- EPC World Award, Best Emerging Consultant – 2011
- EPC World Award, Best Railway Consultant – 2010



GLOBAL EXPERIENCE



1200+
Completed
Projects



25+
Urban Transit
Assignments



500+
Railway
Professionals

ISO 9001

BUREAU VERITAS
Certification



0008



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SPECTRUM OF SERVICES



Planning



Design



Project
Management



Advisory



FREIGHT



SUBURBAN



METRO



INTER-CITY



TRACK



STRUCTURES



SIGNALLING &
TELE-COMMUNICATION



POWER SUPPLY &
TRACTION



ROLLING STOCK

THE FOUNDERS



Late Shri. H.C. Shrivastava

Retd. Dy. Chief Engineer, IR



Late Shri. Arjun Pershad

Retd. General Manager, IR



Late Shri. T.V. Srinivasan

Retd. Chief Commercial Manage.
IR



Late Shri. M.P. Sankarnarayanan

Ex. MD, Ventra Locomotives



Late Shri. M.V. Srinivasan

Retd. Member Traffic, Indian Railway Board



Late Shri. M. Raja Rao

Retd. Chief Engineer, IR

BOARD OF DIRECTORS

BARSYL
weinnovate



SIGNATURE PROJECTS



Planning

- > DELHI-ALWAR RRTS
- > NACALA CORRIDOR, AFRICA
- > BIJWASAN RAILWAY STATION
- > COLOMBO SUBURBAN RAIL
- > MADURAI METRO
- > BHUBANESWAR METRO
- > AIRPORT RAIL, BANGALORE
- > RRTS CORRIDORS, CMRL



Design

- > MMRDA-MONORAIL ROLLING STOCK
- > GE-LOCOMOTIVE MAINTENANCE FACILITY
- > DHAKA METRO, LINE 6
- > DELHI METRO PHASE-III
- > KULaura – SHAHBAPUR, BANGLADESH
- > MAJOR AND MINOR BRIDGES, NCR
- > KRIDE-MAINTENANCE DEPOTS
- > MMRDA-MONORAIL EVACUATION PLAN
- > ETIHAD RAIL PHASE-II, UAE
- > KONKAN RAILWAY - SELF PROPELLED CAR
- > MECHI-MAHAKALI RAILWAY, NEPAL



Project Management

- > CMRL PHASE I
- > CMRL PHASE II
- > DMRC PHASE IV
- > DFCC KHURJA-DADRI
- > EMU FACTORY, KANPUR
- > SGR, TANZANIA
- > PAMBAN BRIDGE, RVNL
- > KAVACH IMPLEMENTATION
- > Vande Bharat Factory, Latur



Advisory

- > HYDERABAD METRO
- > MUMBAI MONORAIL, MMRDA
- > KL MONORAIL, MALAYSIA
- > O&M STRATEGY, CMRL
- > CAPACITY BUILDING, TANZANIA
- > CHENNAI MONORAIL



LOGISTICS — SECTORS COVERED



Mining

Coal, iron ore, bauxite & mineral evacuation sidings



Ports

Rail connectivity & in-port infrastructure for 40%+ of major Indian ports



Power

700+ km of sidings serving 50,000 MW of generation capacity



Cement

Sidings for 40%+ of Indian cement industry projects, plus overseas



Electrification

25 kV AC OHE & traction power systems for freight corridors and sidings



ICDs & Freight Terminals

Inland Container Depots, FTWZs and rail-served logistics parks



BARSYL's range of services across all sectors: Pre-bid Assistance • Pre-Feasibility & Techno-Economic Studies • DPR & Detailed Engineering • BOQs & Tender Documents • Vendor Finalisation • Construction Supervision • Technical Audits • Design Review • Contract Management QA • Commissioning Assistance



INTEGRATED — SIDING DELIVERY

From concept to commissioning



BARSYL supports industrial rail programs across the full project lifecycle, integrating planning, engineering and delivery advisory for rail-linked facilities. Our teams align traffic logic, yard planning, track design, interfaces, approvals and execution readiness into one coordinated solution.



End-to-end scope

Planning → Design → PMC



Multisector capability

Mining • Ports • Power • Cement • Logistics



Implementation focus

Safe, efficient and operations-ready



Feasibility



Alignment &
Yard Planning



DPR /
Detail Design



Bid Support



PMC &
Commissioning

MINING & BULK MATERIAL CORRIDORS

Designing mine-to-market rail systems

BARSYL
we innovate



BARSYL develops rail solutions for mine evacuation and bulk commodity flows, integrating alignment studies, yard planning, loading systems, interfaces and implementation advisory from pithead to plant, terminal or port.



**Mine-to-market
connectivity**



**Heavy-haul
yard planning**



**Loading, stockyard &
evacuation interfaces**



Traffic
Analysis



Alignment
Studies



DPR



Detailed
Engineering



PMC

Integrated engineering for rail-linked industrial infrastructure

PORT CONNECTIVITY — & TERMINAL RAIL

Strengthening rail interfaces at ports and terminals

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we innovate

Efficient last-mile rail connectivity is critical for bulk, container and liquid terminals. BARSYL develops rail access concepts, port yard interfaces and terminal circulation strategies that improve throughput, reduce dwell time and strengthen multimodal integration.



Bulk, container & liquid terminals

Integrated terminal solutions



Owner's Engineer • DPR • Detail Design

From concept to implementation



Capacity expansion & decongestion

Higher throughput, smoother flow



Rail Access



Yard Interfaces



Terminal Circulation



Capacity Planning

Integrated engineering for rail-linked industrial infrastructure

POWER & — INDUSTRIAL RAIL SYSTEMS

Reliable rail infrastructure for energy and process industries

BARSYL
weinnovate



Rail systems for power and process industries demand dependable fuel movement, robust unloading infrastructure and seamless plant interfaces. BARSYL supports greenfield and brownfield solutions for coal logistics, ash handling links and industrial rail access.



Fuel security by rail

Dependable movement
for continuous operations



Coal, ash & material interfaces

Integrated handling
and transfer solutions



Greenfield + brownfield integration

Scalable solutions for
new and existing assets



Feasibility



Plant Interface
Design



Detailed
Engineering



Construction
Support

Engineering rail connectivity for a cleaner, stronger tomorrow



ICDS, FTWZS & MULTIMODAL HUBS

Planning rail-linked logistics ecosystems



Across inland container depots, freight terminals and logistics parks, BARSYL plans rail-linked facilities that combine track capacity, cargo handling logic, gate operations and multimodal circulation to improve efficiency across the supply chain.



Rail-linked logistics parks

Integrated planning for higher throughput



Intermodal yard optimization

Efficient layout, circulation and resource planning



Gate, stacking & cargo handling flow

Seamless interface between road, rail and yard operations



Master Planning



Rail Connectivity



Terminal Layouts



Implementation Support



WHY CLIENTS — ENGAGE BARSYL

Clients choose BARSYL when projects require both transport logic and implementation-ready engineering.



Strategy & Feasibility

Demand assessment, traffic analysis, option evaluation



Engineering Depth

Geometry, yards, civil and systems interfaces



Delivery Assurance

Bid documents, PMC, technical review, commissioning support



Sector Versatility

Mining, ports, power, cement, terminals and logistics



Common mandates: Feasibility • DPR • Design • Independent Review • Owner's Engineer • PMC



PROJECT SNAPSHOTS

Selected industrial rail and logistics assignments



1



Client
MPPGCL

ATPS Siding Augmentation

Integrated feasibility for rail-siding enhancement and signaling interfaces.



Scope: layout planning • DPR inputs • approval support



2



Client
NTPC

Coal Transportation System

Feasibility planning for rail-based fuel movement to a super thermal power project.



Scope: feasibility • preliminary alignment • O&M interfaces



3



Client
MPL Logistics Hub

Private Freight Terminal

Rail consultancy for a new private freight terminal in Telangana.



Scope: demand assessment • DPR • detailed engineering



4



Client
The India Cements

Captive Siding Infrastructure

Feasibility and DPR support for rail-linked cement logistics.



Scope: alignment • yard design • approvals



PROJECT SNAPSHOTS

Selected private siding and port-connectivity assignments



5



CLIENT
TBEA Energy (India)

Proposed Freight Terminal Connectivity

Consultancy support for rail connectivity and terminal planning.



Scope: feasibility • layout plan • engineering inputs



7



CLIENT
Adani

Additional ECR Siding Development

Engineering support for a second private siding location in Bihar.



Scope: alignment • yard planning • project management services



6



CLIENT
Adani

Private Siding at Manighachi

Concept-to-detail engineering support for a railway siding in Bihar.



Scope: feasibility • conceptual plan • DPR • detailed engineering



8



CLIENT
JSW

Paradip Port Coal Connectivity

Feasibility support for coal-unloading rail connectivity linked to port operations.



Scope: feasibility • logistics interface • layout planning



PROJECT SNAPSHOTS

Selected logistics and multimodal assignments



9



CLIENT
Jaykaycem (Central)

Rail Access Study

Feasibility planning for a proposed rail project in Panna, Madhya Pradesh.



Scope: feasibility • layout plan



11



CLIENT
Tata Consulting Engineers

Coimbatore MMLP

Feasibility support for development of multimodal logistics infrastructure.



Scope: multimodal planning • rail connectivity



10



CLIENT
JSW

Murbad Port Connectivity

Feasibility, DPR and engineering support for road and rail access to port facilities.



Scope: feasibility • DPR • GADs • ESP support



12



CLIENT
Tata Consulting Engineers

Hyderabad MMLP

External rail and multimodal connectivity planning for a logistics park.



Scope: feasibility • access planning • report preparation

PROJECT SNAPSHOTS

Selected multimodal, port and cement logistics assignments

13


CLIENT

Tata Consulting Engineers


Silchar MMLP Access

Feasibility support for multimodal connectivity linked to a logistics park in Assam.



Scope: rail-linked access • multimodal planning

14


CLIENT

Jindal Paradip Port


Railway Siding & Approvals

Feasibility and engineering support for rail siding development at a port location.



Scope: layout plan • approvals • engineering coordination

15


CLIENT

Jindal Panther Cement


Proposed Rail Connectivity

Consultancy support for captive rail connectivity in Rajasthan.



Scope: feasibility • approval strategy • DPR support

16


CLIENT

Jindal Panther Cement


JKCPLF Siding Project

Detailed consultancy for rail-linked cement logistics at Jaisalmer.



Scope: feasibility • DPR • detailed design • construction support

THANK YOU

Engineering Excellence. Powering Mobility.



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