



INNOVATIVE ENGINEERING | SUSTAINABLE SOLUTIONS | DELIVERING EXCELLENCE



We are a multidisciplinary engineering consultancy company

offering Water Supply, Infrastructure, Industrial Utilities, and MEP Services. We combine engineering excellence, sustainable practices, and project management expertise to deliver reliable end-to-end solutions.



WHO WE ARE



Tryxia Engineers Pvt Ltd is a Pune-based engineering consultancy specialising in integrated water, waste and infrastructure solutions. We provide end-to-end support from planning and design to monitoring and third-party evaluation for government, public sector and private/industrial clients.

TRYXIA ENGINEERS PVT LTD

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Engineering Excellence You Can Rely On

WHY CHOOSE TRYXIA?

- Expertise across water, infrastructure, residential and industrial projects
- Client-centric solutions with international standards
- Sustainable, cost-effective engineering designs
- On-time project delivery

VISION

Our vision is to be a leading provider of sustainable and innovative infrastructure services consultancy solutions that enable access to reliable and resilient infrastructure for all.

MISSION

To deliver expert, sustainable, and cost-effective infrastructure consultancy solutions that exceed client expectations. We aim to foster resilient growth while protecting natural resources and building strong community partnerships.

OUR QUALITY COMMITMENT

Tryxia Engineers Pvt Ltd operates a Quality Management System aligned with ISO 9001:2015.

We:

- Apply robust engineering and scientific principles, use appropriate technologies, and follow recognised national and international standards in all our designs, GIS work, surveys, and evaluations.
- Emphasise data quality and traceable calculations.
- Use standard procedures for proposal and contract review, design and drawing control, survey planning, monitoring and third-party evaluation.
- Continuously improve by learning from project feedback, audits, and lessons learned.

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OUR SERVICES

WATER SUPPLY & WASTEWATER ENGINEERING

- Master planning and network design for urban, rural and industrial water supply
- 24x7 and continuous water supply system design and optimisation
- Sewerage system planning, including gravity sewers, pumping mains and STPs
- Rehabilitation, augmentation and non-revenue water (NRW) reduction strategies
- Detailed Project Reports (DPRs), feasibility studies and tender documentation

STORMWATER, DRAINAGE & RWH

- Urban and regional stormwater drainage planning
- Sustainable urban drainage systems (SuDS)
- Rainwater harvesting system design and groundwater recharge schemes

SOLID WASTE MANAGEMENT (SWM)

- SWM master plans and DPRs for towns and cities
- Design of collection systems, transfer stations and transport routes
- Planning and design of processing, composting and material recovery facilities (MRFs)
- Landfill planning and closure/rehabilitation concepts

MEP & UTILITIES

- MEP systems for buildings, plants and townships linked to water and waste infrastructure
- Pumping stations, electrical systems, control panels and utility layouts
- Coordination of civil, mechanical, electrical and plumbing designs

GIS & DATA SERVICES

- Development of GIS databases for water, sewer, stormwater and SWM assets
- Spatial analysis for planning, network optimisation and decision support
- Thematic mapping for service coverage, zoning, routing and prioritisation
- Integration of survey data, remote sensing and existing records

TOPOGRAPHIC SURVEY & BASE MAPPING

- Topographic and engineering surveys for pipelines, roads, plants and townships
- Contour mapping, profiles and cross-sections
- Survey data processing and CAD/GIS basemaps for design and approvals

PROJECT MANAGEMENT, MONITORING & THIRD-PARTY EVALUATION

- Project monitoring and quality oversight during construction
- Independent third-party technical evaluation (TPE) of designs and works
- Progress review, quality reporting and risk identification
- Support to clients in decision making, approvals and course-correction



30
YEARS OF
EXPERIENCE

300+
SCHEMES