



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

### Contact Us

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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