Rail Technologies Group International Ltd

A holding company preparing for public listing.

This investor deck highlights NGRT, our flagship subsidiary driving rail industry innovation.

NGRT NEXT GENERATION RAIL TECHNOLOGIES

REVOLUTIONISING RAILWAY TECHNOLOGY

through Disruptive Real-Time Monitoring Solutions

- Enhancing Safety • Reducing Costs • Transforming Rail Infrastructure
- Global Solutions • Patented Technology • SaaS Revenue Model

The Challenge

Rail Technologies Group International Ltd

High-Risk & High-Cost Railway Failures – Daily incidents on Global level

Rockslide / Avalanche

Broken Rail

Sandstorm

Flooding

De-Railment

Flat Wheel

Level Crossing

Maintenance work

Global Solutions • Patented Technology • SaaS Revenue Model

The Challenge

Rail Technologies Group International Ltd

High-Risk & High-Cost Railway Failures

> *"Most unfortunate railway incidents and accidents in the last 20 years could have been prevented with NGRT solutions"*

Broken Rails: Primary cause of derailments, resulting in service disruptions, costly repairs, and potential casualties

Landslides & Rock Falls: Sudden track blockages causing collisions and severe damage to infrastructure

Flooding & Wash-outs: Track foundation erosion leading to catastrophic failures and extended outages

€120+ Billion

Annual global rail maintenance spend

+90%

Cost reduction possible with preventative monitoring

€5-50M

Average cost per major railway incident

Not including human cost, reputational damage and compensation to operators

The Consequences

Rail Technologies Group International Ltd

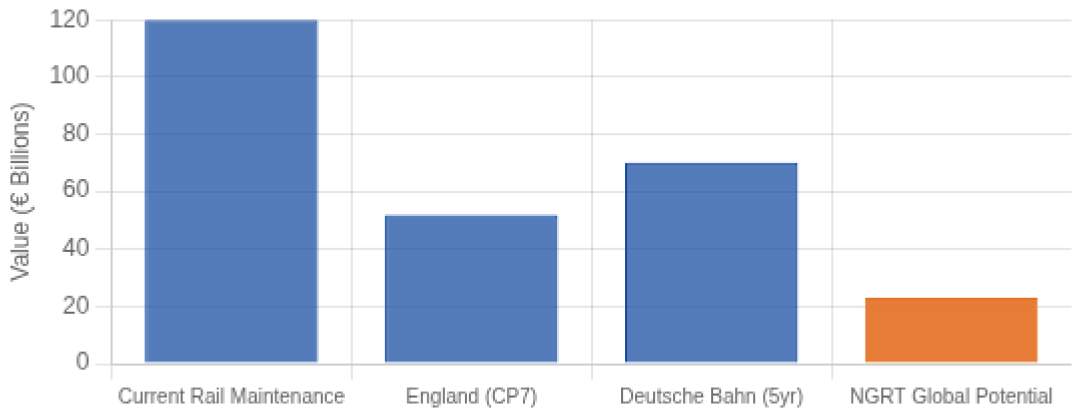
Disruption on Railway Infrastructure has HUGE costs, direct and indirect

The Opportunity

- Global rail industry expected to double by 2050, creating massive need for safety solutions.
- Unprecedented investment: £44B approved in England for CP7, €70B by Deutsche Bahn over 5 years.
- Critical gap: Little to no infrastructure monitoring systems in place globally.

> Targeting just 10% of global rail network = €2.3 billion potential revenue

Global Rail Investment Surge



Key markets: Europe, USA, and Asia
India alone represents €2.5 billion in potential revenue

NGRT Solution & Competitive Edge

Rail Technologies Group International Ltd

- Proprietary, modular, AI-powered monitoring technology
  Patent: EP17382697.5
- One system delivers 8 advanced detection functions via software activation
- Delivers >90% cost reduction vs. existing solutions
- Installs globally— India, Brazil, Nigeria, Europe— proven in diverse environments

8 Detection Modules — One Integrated System

BRD Broken Rail Detection	**RAD** Rock & Landslide Detection	**SSD** Sand & Sandstorm Detection	**FDS** Flooding Detection
DED Wheel Derailment Detection	**FWD** Flat Wheel Detection	**TDS** Train Detection	**WPS** Worksite Protection

Technology Highlights

Rail Technologies Group International Ltd

PATENTED TECHNOLOGY EP17382697.5: Machine Learning Acoustic Vibration Signalling

- Superior Range: Detects events up to 5km in both directions from a single monitoring point, covering 10KM
- All-Weather: Functions reliably in any environmental condition - rain, snow, extreme heat
- Universal: Compatible with all rail profiles, type of railway infrastructure and independent of any rolling stock types
- Instant Detection: Real-time processing from on-site, and immediate alerts to prevent accidents

How NGRT's Technology Works

5km detection range in both directions

Main Assembly – Signal Processing → **ML Software** – Acoustic Vibration → **Alerts** – Real-time Response

Competitive Advantage vs. Traditional Inspection

Feature	NGRT Solution	Traditional Diesel Inspection Trains
Cost	90% LOWER Cost-effective monitoring system	HIGH COST Expensive equipment and operation
Environmental Impact	ZERO EMISSIONS Fully electronic solution	HIGH POLLUTION Diesel fuel consumption
Coverage	CONTINUOUS 24/7 real-time monitoring	PERIODIC Scheduled inspections only

Market & Traction

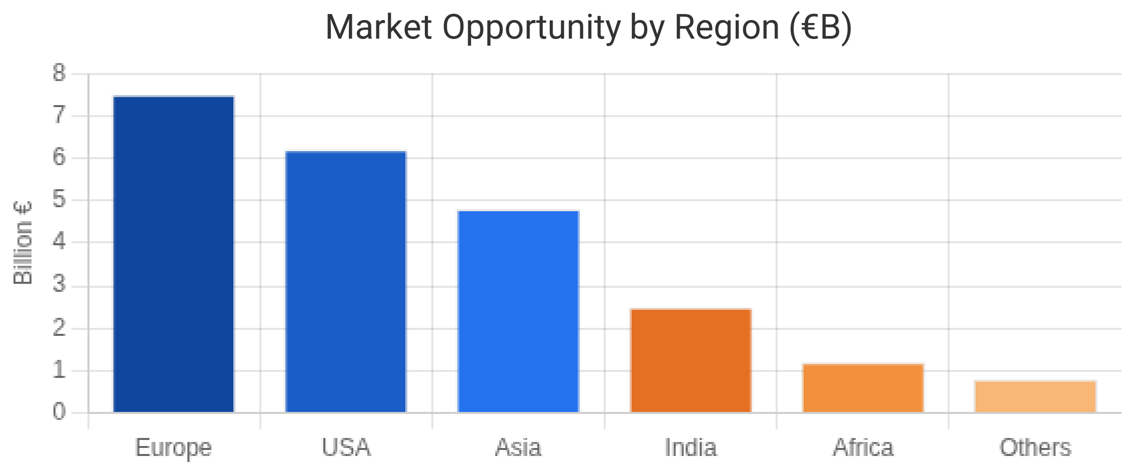
Rail Technologies Group International Ltd

- Global rail maintenance spend: €120B+ annually
- TAM: €23B global potential with current products

  India exclusive distribution: €710M agreement / €2.5B potential
- Pipeline: 97 qualified quotations from clients worth +€350M

  Plus €900M India rollout & €600M Africa potential

Largest Africa contract: €6.6M/month recurring



€3M

EU grant awarded under Horizon Green Deal

€35M

Strategic Validation (2018)

Acquisition interest from major U.S. railway supplier confirms technology value

Third-Party Endorsement