

A long-exposure photograph of a winding asphalt road in a mountainous region at sunset. The road curves from the bottom right towards the center of the frame. Bright orange and yellow light trails from vehicles are visible along the road. The landscape is filled with dark evergreen trees, and a rocky outcrop is in the lower-left foreground. In the distance, hazy mountain ranges are visible under a soft, orange-hued sky.

**TRUSTED PARTNER FOR  
FUTURE MOBILITY**



# ABOUT TEL

Established in 1982.

Part of TSF group, joint venture with BorgWarner.

Manufacturing plants at Pulivalam, Paiyanur & Vadodara.

5 million components & 2 million Turbocharger assembly annual capacity.



BORGWARNER



TURBO ENERGY



Sales FY 2023-24:  
INR 26.85 Billion

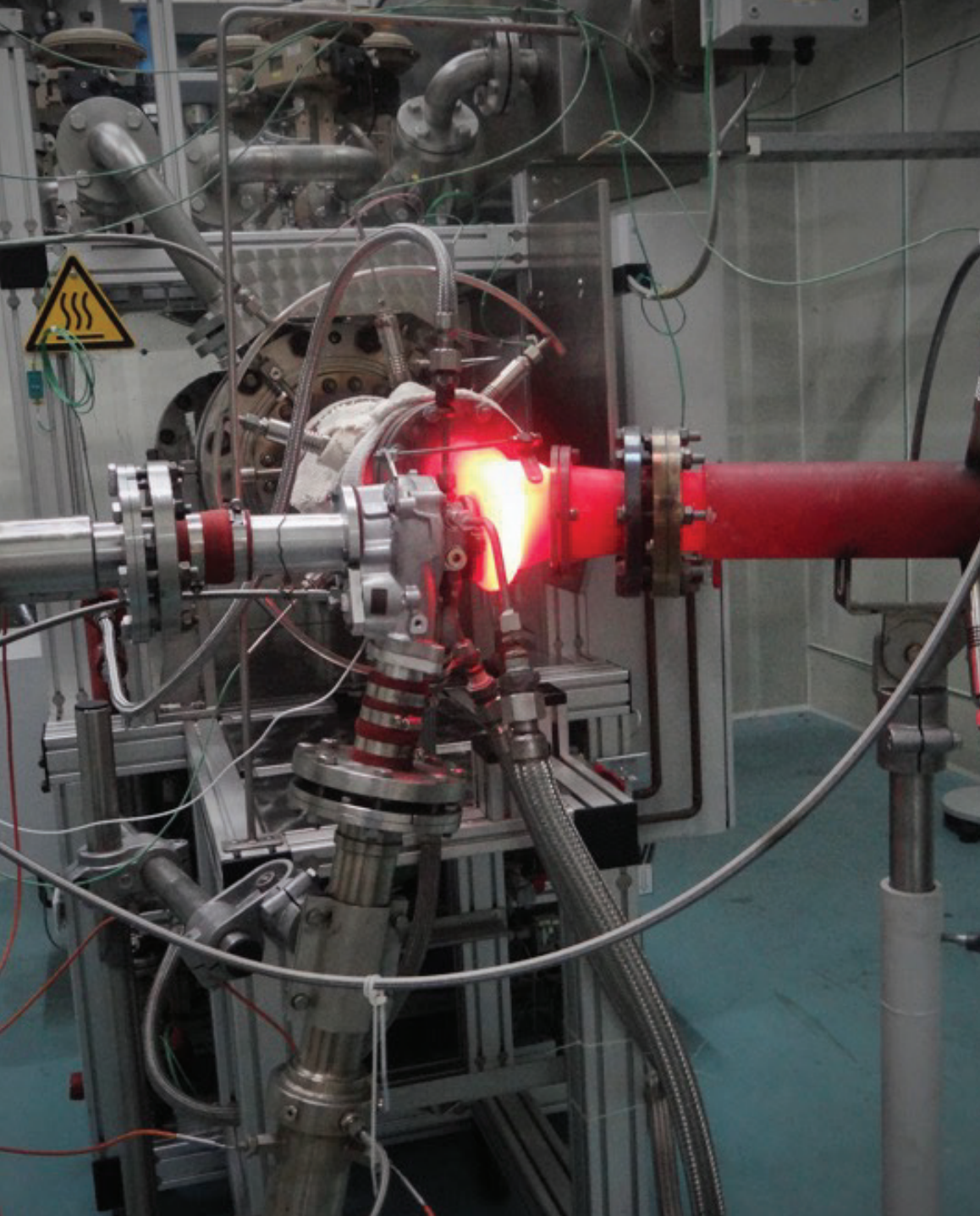
Holds market share  
of over 60% in India

State of the art engineering  
facilities, integrated with  
BorgWarner

Preferred TC supplier  
for over 35 OEMs

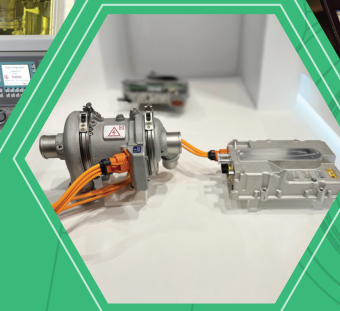
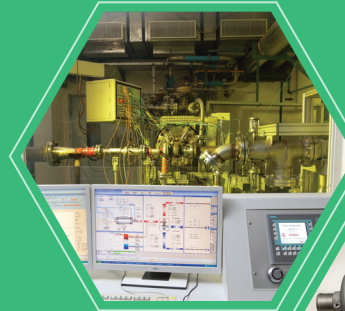
ESG compliance  
facilities





## ENGINEERING CAPABILITIES

- Gas stand test rigs for turbocharger performance evaluation & validation
- Engine testing facility
- Separate design & simulation centers
- NVH laboratory
- Wheel fatigue testing
- Electrosonics lab
- Engineering facilities recognised by Govt. of India.







## MANUFACTURING

# PULIVALAM

State-of-the art manufacturing facilities & systems for producing critical turbocharger components in-house, automated assembly & inspection lines for consistent product quality.

Driving the Industry 4.0 (Industry Internet of Things) initiative across the organization.

TEL has a full-fledged proto-shop facility in-house for faster response in developing new products.

Benchmarked processes:

- QMS: TS 16949 version 2016
- EMS: 14001 version 2012
- ISMS: ISO/IEC 27001 version 2022





## PAIYANUR

Assembly in Linear and Rotary Cells - with conveyerised pallets - Single piece flow & traceability

Core balancing machine with Automatic correction

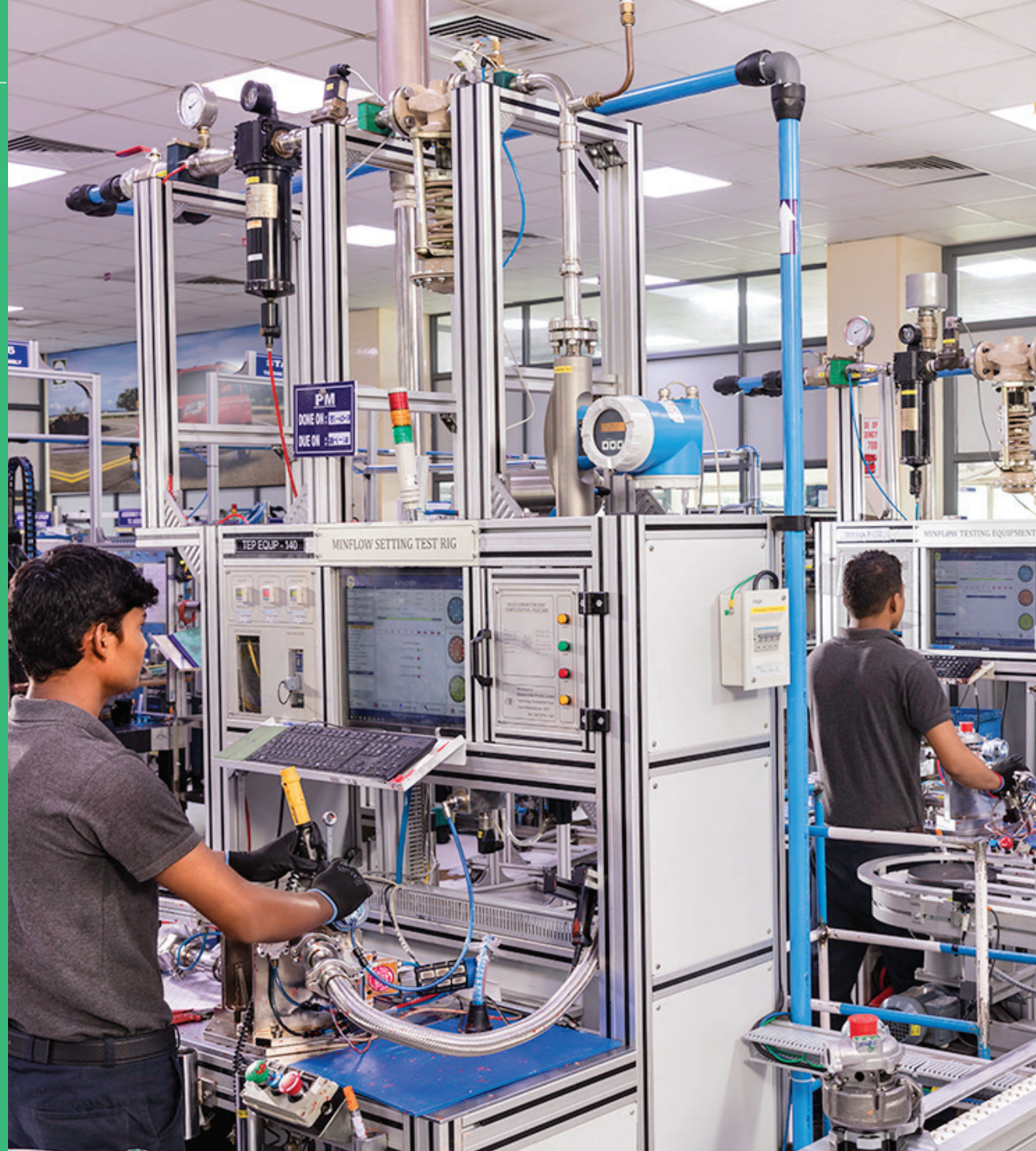
Inspection at final stage using Robot & Vision System

## VADODARA

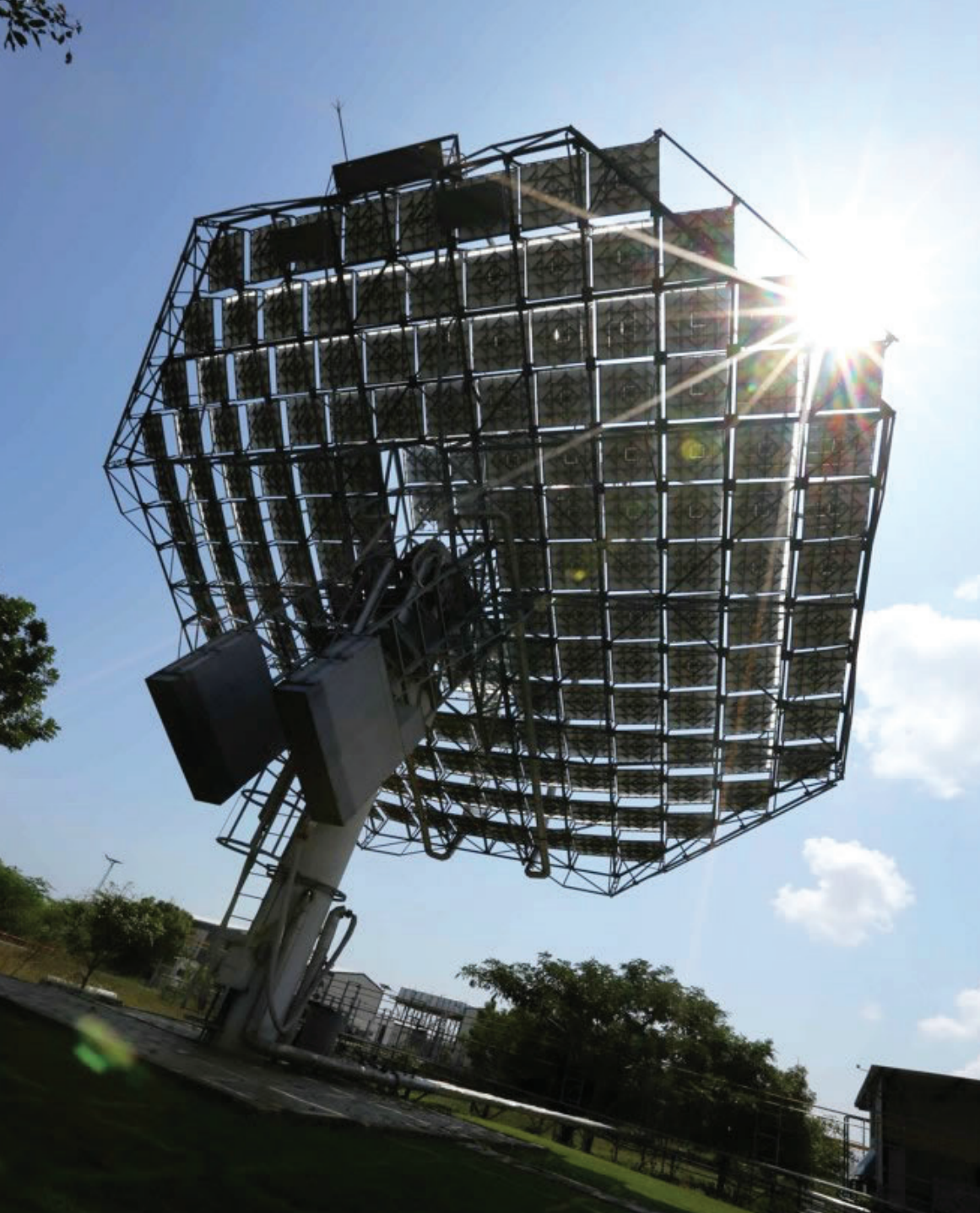
Automatic / Semi-automatic assembly lines for meeting requirements of western region customers.

Benchmarked processes:

- QMS: IATF 2016
- EMS: 14001 - 2012
- ENMS: 15001 - 2016
- ISMS: ISO/IEC 27001 - 2022



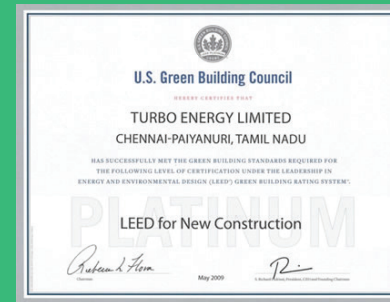




# SUSTAINABILITY INITIATIVES

## GREEN BUILDING

TEL - Paiyanur & Vadodara (Green Building), has been awarded a 'Platinum Rating' by LEED - US Green Building Council.



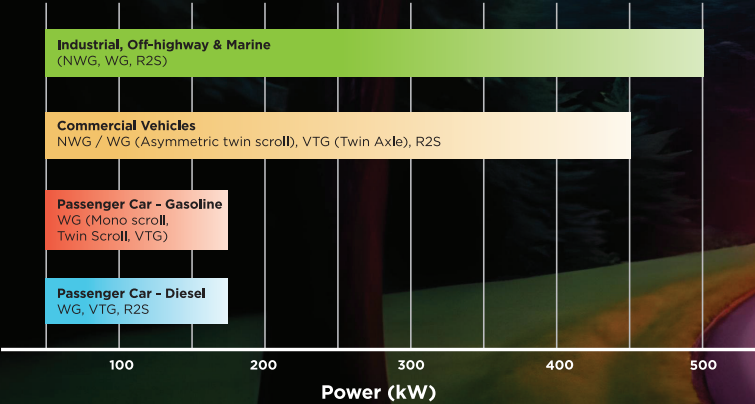
## TURBOCHARGER REMANUFACTURING

Apart from offering products that help protecting the environment, TEL offers remanufactured turbochargers for after market requirements.

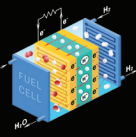




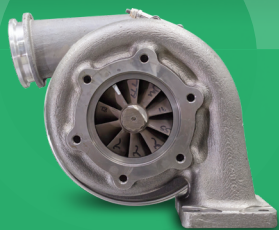
# PRODUCT RANGE & TECHNOLOGIES



Hydrogen



FCE (Fuel Cell Electric)



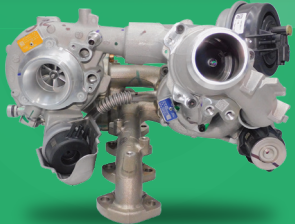
NON WASTEGATE  
(NWG)



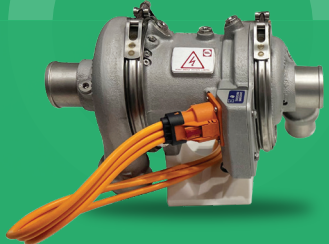
WASTE GATED  
(WG)



VARIABLE TURBINE GEOMETRY  
(VTG)



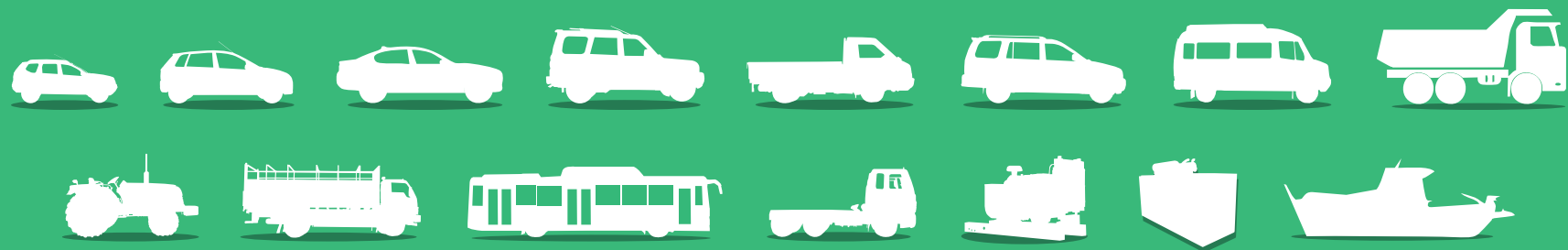
REGULATED TWO STAGE  
(R2S)



E COMPRESSOR



# EXTENSIVE PRODUCT APPLICATIONS



# LARGE CUSTOMER BASE





# LARGEST NETWORK OF AFTER MARKET SUPPORT

TEL follows the tradition of TVS in providing reliable service. An extensive network of Authorised Service Centers and Distributors' branches are available across the country.

## CUSTOMER SUPPORT ENGINEERS (CSE)

CSEs extend the following support functions throughout the country:

- Impart training on product awareness and usage
- Support in complaint investigation and product feedback
- Ensures timely resolution of warranty complaints & quality service through Authorised Service Centers (ASC)

## DISTRIBUTORS

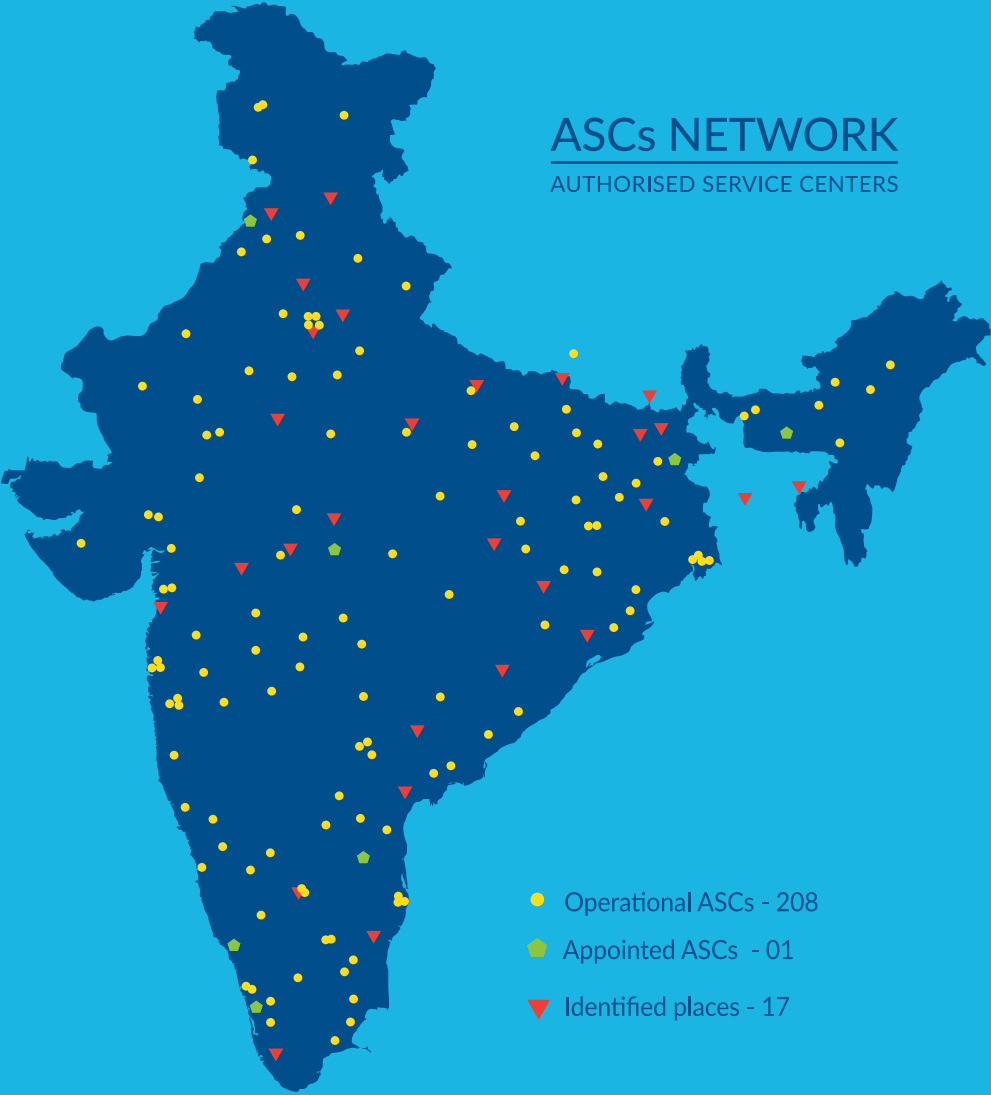
Parts support throughout the country through a network of branches

## AUTHORISED SERVICE CENTERS (ASCs)

ASCs are independent entrepreneurs established and monitored by TEL, to offer exclusive service for TEL turbochargers. They have service facilities, trained manpower and use genuine parts for providing quality, timely and cost effective service.

## UNIQUE FEATURES OF TEL's ASCs:

- Equipped with service facilities for servicing TEL range of turbochargers
- TEL trained technicians for servicing the turbochargers and for failure investigation
- Use of TEL genuine spare parts ensuring product quality
- TEL continuously monitors ASCs systems to ensure customers get the best service







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