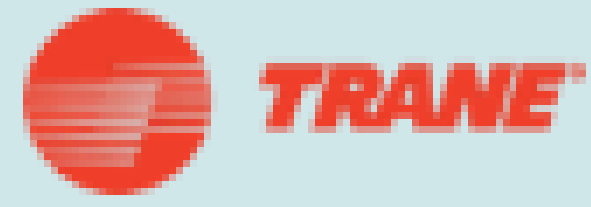




Crisis in Power Engineering Education: A National Security Concern

Minneapolis, MN October 21-22, 2022



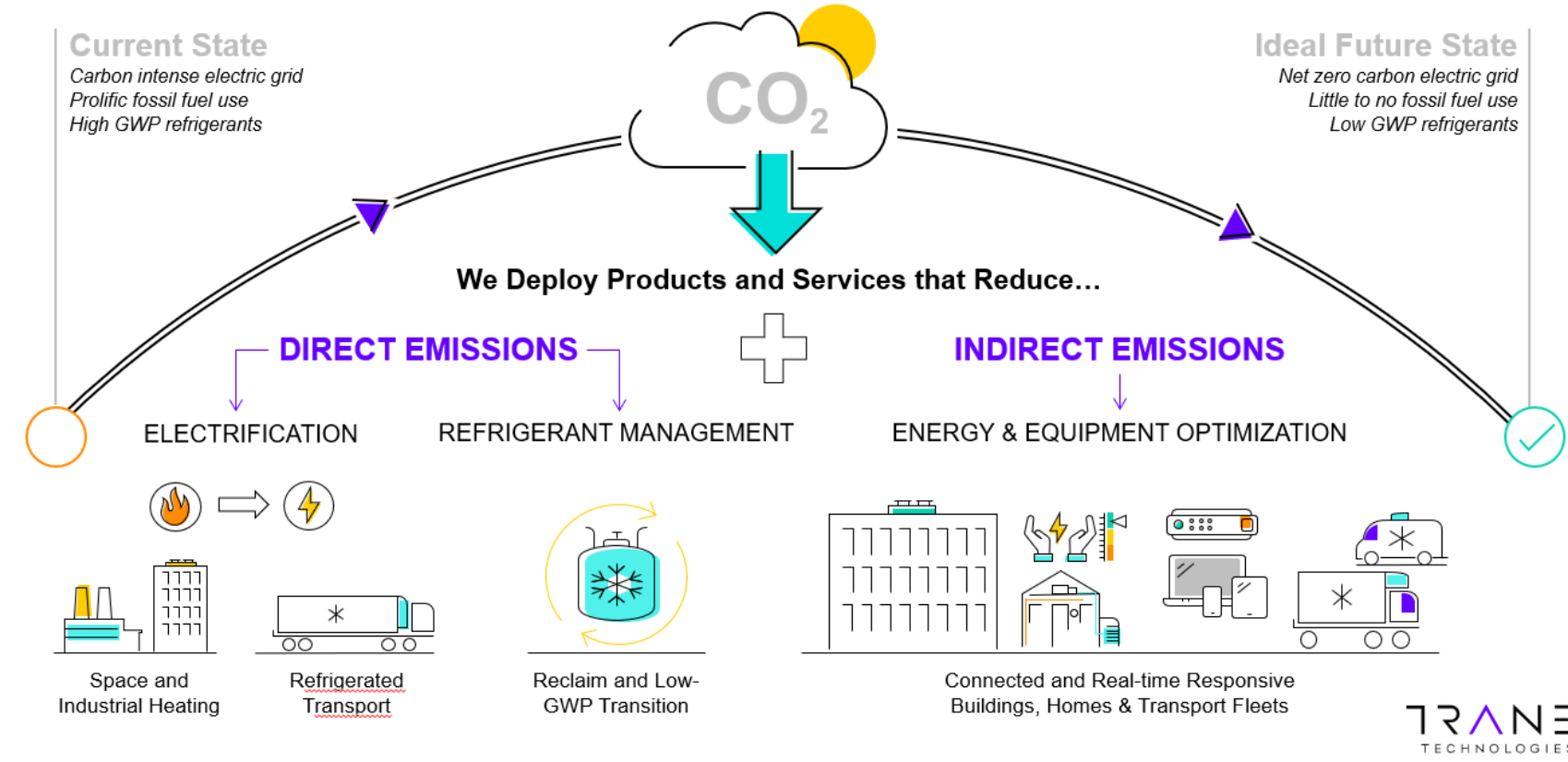
Manufacturing

Company Background

Trane Technologies is a pure-play climate company focused on the manufacturing of heating, ventilation, and air conditioning (HVAC) and refrigeration systems.



AN ENTERPRISE THAT DELIVERS DECARBONIZATION ENABLING THE TRANSITION TO A NET ZERO CARBON ECONOMY



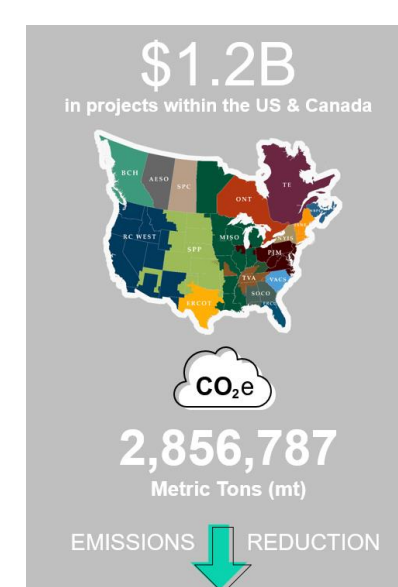
2030 Commitments

Building a sustainable future will unquestionably have many challenges, but it needs to start now. Our 2030 commitments are the backbone of our sustainability strategy. Today, with bold goals that we know are achievable, we're accelerating toward a brighter future.

Leading by Example	The Gigaton Challenge	Opportunity for All
<p>How we'll do it:</p> <ul style="list-style-type: none"> Achieve carbon neutral operations Send zero-waste to landfill Get to net positive water use Reduce absolute energy consumption by 15% Compost 100% waste 	<p>How we'll do it:</p> <ul style="list-style-type: none"> Accelerate clean technologies that heat and cool buildings in sustainable ways Increase energy efficiency in buildings, homes, and transport Reduce food loss in the global food chain Transition out of high-global warming potential refrigerants Design systems for circularity Increase access to heating, cooling, and fresh food 	<p>How we'll do it:</p> <ul style="list-style-type: none"> Promote gender parity in leadership roles Ensure our workforce mirrors the diversity of our communities Maintain world-class safety metrics Provide market-competitive wages and benefits Invest \$100 million in building sustainable futures for under-represented students Dedicate 500,000 employee volunteer hours in our communities

We believe in setting ambitious goals founded in science. That's why we've had our climate-related goals validated by the Science Based Targets initiative (SBTi) not just once, but twice.

In the last five years...



HVAC Industry Megatrends

- Electrification in Transport
- Electrification of Heating
- Decarbonization
- Product Agility

Our Brands and Products



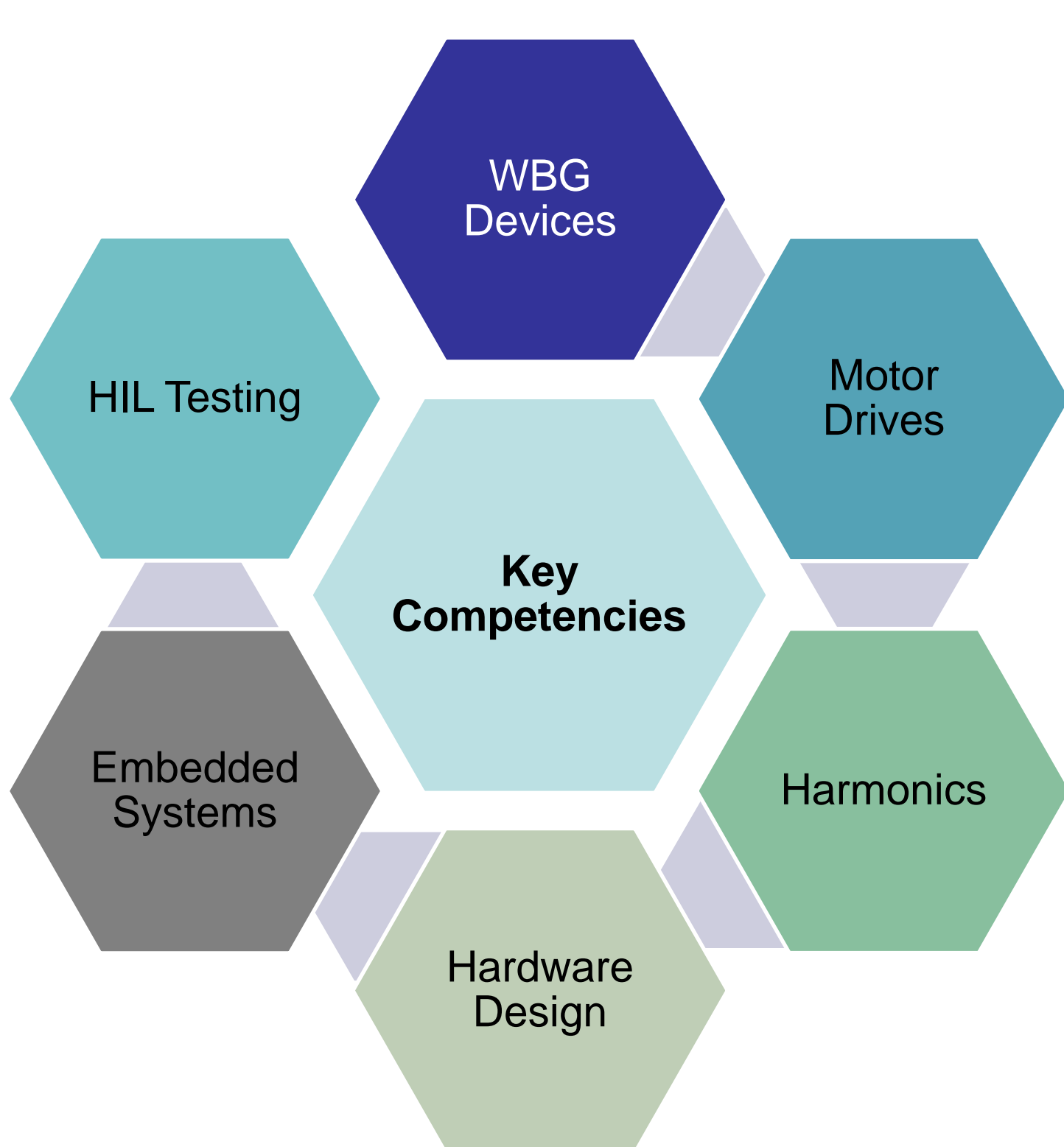
COMMERCIAL HVAC | RESIDENTIAL HVAC & SUPPLY | TRANSPORT REFRIGERATION

Power and Energy Focus

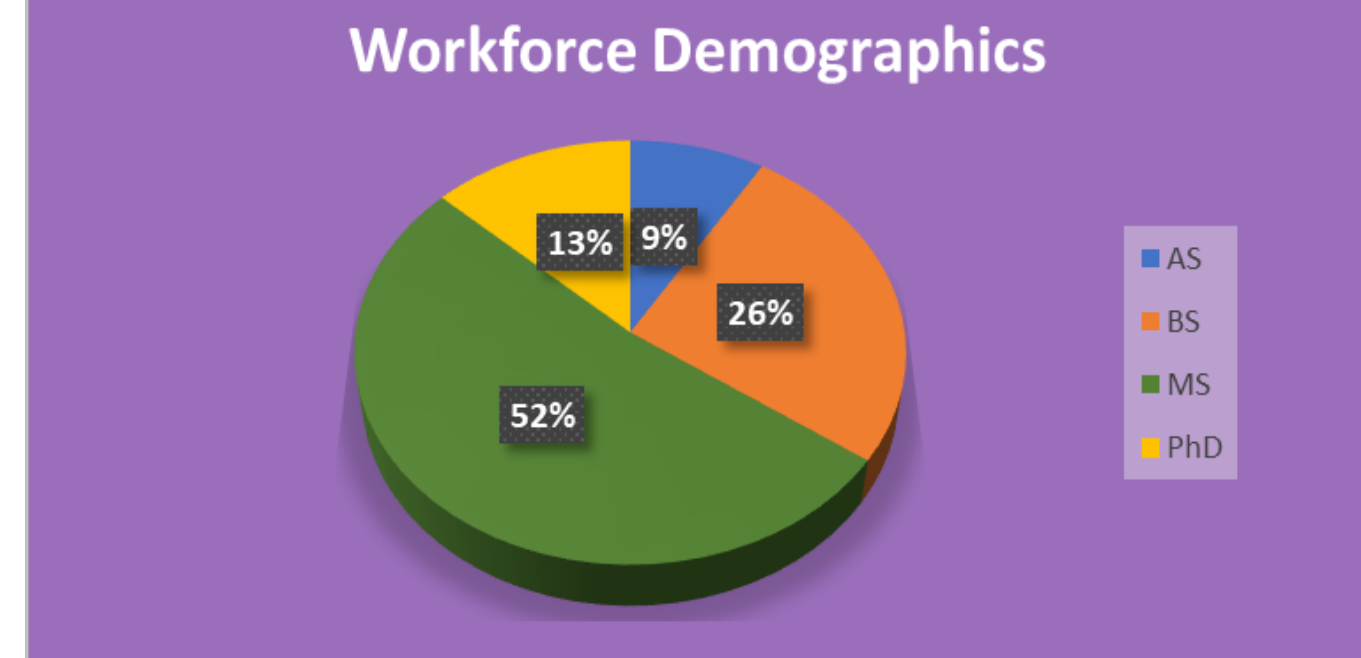
Trane Technologies has a diverse electrical engineering talent base with a rapidly growing focus in Power Electronics and Electrical Systems engineering.

- Variable Speed Motor Drives
- Passive and Active Harmonic Filters
- Permanent Magnet Machines
- Magnetic Bearings
- DC/DC Systems

Competency Demand



Power and Energy Talent Base



Salary and Benefits for EE

Trane Technology offers competitive compensation and benefits

2021 IEEE Salary and Benefits report, for the Energy and Power Engineering category:

Range \$89k - \$220k
Median: \$140k
(based on 1,100 cases surveyed)

Growth and Hiring

Visit <https://careers.tranetechnologies.com/>

- Power Electronics Engineer II** (HOT)
Location: La Crosse WI 2213 S 20th 12, La Crosse, Wisconsin, United States and 2 additional locations
Category: Engineering
At Trane Technologies™ and through our businesses including Trane® and Thermo King®, we create innovative climate solutions for buildings...
- Power Electronics Engineer I** (HOT)
Location: La Crosse WI 2213 S 20th 12, La Crosse, Wisconsin, United States and 2 additional locations
Category: Engineering
At Trane Technologies™ and through our businesses including Trane® and Thermo King®, we create innovative climate solutions for buildings...
- Senior Power Electronics Engineer**
Location: Minneapolis MN 314 W 90th St, Minneapolis, Minnesota, United States
Category: Engineering
At Trane Technologies we Challenge Possible. Our brands – including Trane® and Thermo King® – create access to cooling and comfort in...
- Tech Lead - Power Electronics**
Location: Bangalore IBC Knowledge Park, Bangalore, Karnataka, India
Category: Engineering
At Trane Technologies™ and through our businesses including Trane® and Thermo King®, we create innovative climate solutions for buildings...
- Maintenance Electronic Technician**
Location: United States, New Jersey, Trenton
Category: Global Integrated Supply Chain
At Trane Technologies we Challenge Possible. Our brands – including Trane® and Thermo King® – create access to cooling and comfort in buildings and...
- Electronics Technician Intern**
Location: La Crosse WI 2213 S 20th 12, La Crosse, Wisconsin, United States
Category: General
At Trane Technologies™ and through our businesses including Trane® and Thermo King®, we create innovative climate solutions for buildings...
- Electrical Engineer - Auxiliary Power Units**
Location: Minneapolis MN 314 W 90th St, Minneapolis, Minnesota, United States
Category: Engineering
At Trane Technologies™ and through our businesses including Trane® and Thermo King®, we create innovative climate solutions for buildings...