

PUBLIC

**HITACHI**  
Inspire the Next

## Discover Hitachi Energy

2022-10-04

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Five pillars to drive our culture and performance and make **Safety, Integrity and Quality**, part of our DNA

## 01 Organization

We **learn** from events and experience and focus on human factors

## 02 Skills

We are all competent in **Safety, Integrity and Quality**

## 03 Processes

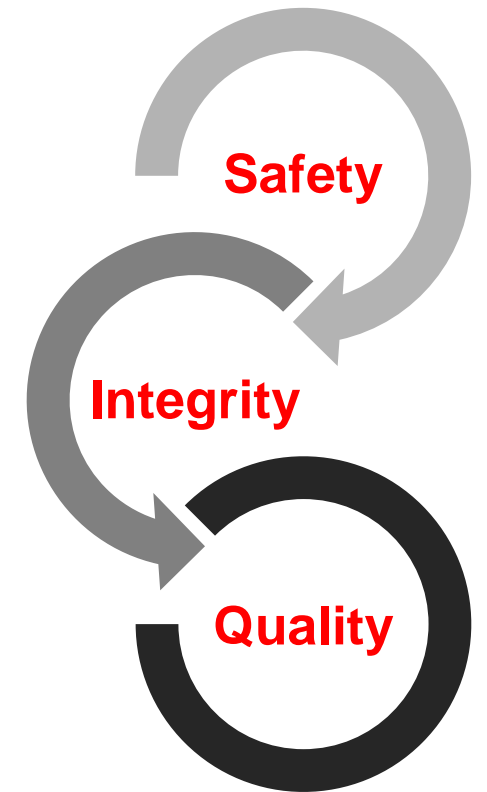
We know the rules & processes, apply them and **continuously improve**

## 04 Compliance

We act with **transparency and speed** to mitigate disruptions & liabilities

## 05 Digital

We leverage technology to efficiently **prevent, detect and resolve**





## Our Purpose

Hitachi Energy – Advancing a sustainable energy future for all.

We are advancing the world's energy system to be more sustainable, flexible and secure. As the pioneering technology leader, we collaborate with customers and partners to enable a sustainable energy future – for today's generations and those to come.



“

At Hitachi Energy, we are championing the urgency of a clean energy transition, through innovation and collaboration. There are many pathways towards a carbon-neutral future – to tackle this global challenge, we nurture diverse global teams bringing authentic passion and enduring ownership.

**Claudio Facchin**  
CEO, Hitachi Energy



Climate change extremely urgent and important to limit global warming to

**1.5°C**



World population reaches

**~10bn**

(up from 7.8bn people in 2021)



Global demand for steel is projected to

**increase**

by more than a third through to 2050



Internet of Things expands to

**24bn**

interconnected devices vs. 10bn connected devices today



Global electrification will be more than

**50%**

of total energy demand – up from around 20% today



Rapid growth in EV sales rises to

**62M**

units p.a. globally – up from 6.4M in 2021

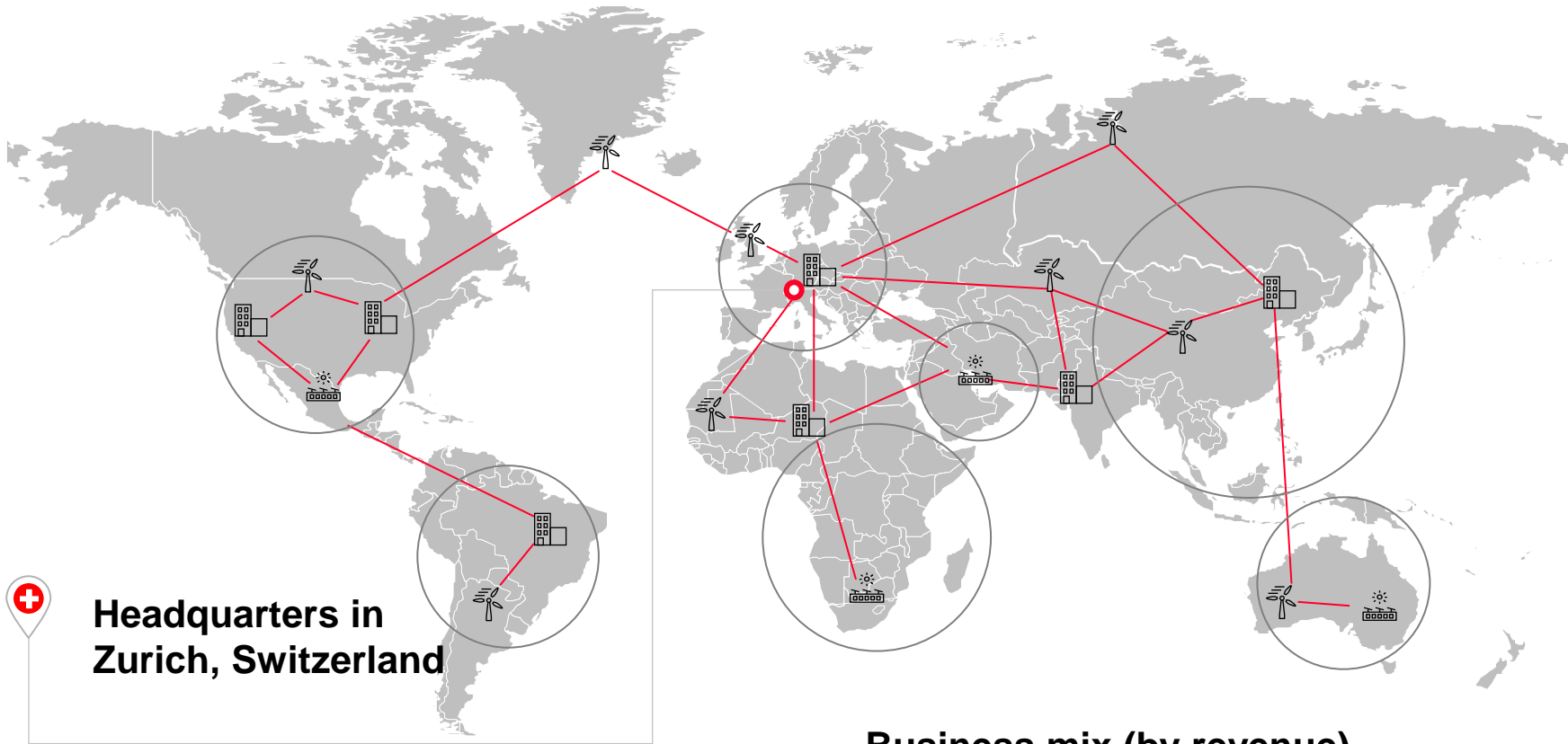


Urbanization increases with

**68%**

of world population living in cities – up from 55% in 2018





**40,000** employees

**90+**  
countries with  
200 offices

**~250**  
years' heritage  
combined

**5,500**  
sales employees  
& field engineers

**2,000**  
engineers &  
scientists in R&D

**Four Business Units**

**Grid  
Automation**

**High Voltage  
Products**

**Grid Integration**

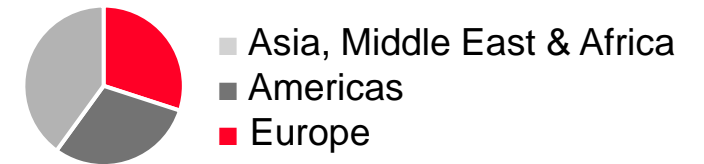
**Transformers**

**Business mix (by revenue)**

**Customers**

**Offering**

**Geographies**



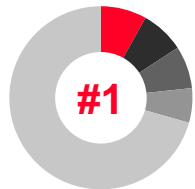
## Grid Automation (GA)



Supporting 50% of the top 250 global electric utilities

Grid Edge projects span >250 references & 800 MW

\$4 trillion+ critical infrastructure assets managed



Market share

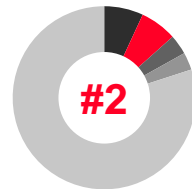
## Grid Integration (GI)



#1 in HVDC globally: 200 GW installed systems

4,000+ projects delivered the last 15 years

~15,000 systems operating globally



Market share

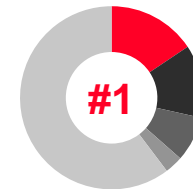
## High Voltage Products (HV)



Installed 1 in every 4 high-voltage switchgear in the world

>Half a million high-voltage circuit-breakers installed

>100 locations worldwide providing 24/7 service



Market share

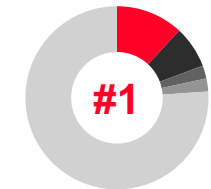
## Transformers (TR)



Complete range transformers, components & services

Voltage from medium voltage up to 1,200 kV AC & 1,100 kV DC

With ~30 service centers supporting world's largest installed base and portfolio



Market share

**Driving innovation, pioneering digital technologies and leveraging the world's largest installed base for service opportunities**

Thank you!

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