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Driving efficiency and sustainability



# Disclaimer

Any forward-looking statements that may be made about future events, at business perspective, at operational and financial projections and goals, and the growth potential of WEG in the future, constitute mere beliefs and expectations of WEG's management, based on information currently available. These statements involve risks and uncertainties and therefore depend on circumstances that may or may not occur. Investors should understand that general economic, industrial, and other operating conditions may affect WEG's future performance and lead to results that differ from those expressed in such forward-looking state.









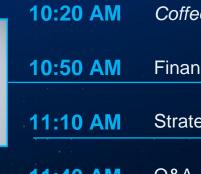


# Schedule



#### **JOÃO PAULO GUALBERTO DA SILVA** Managing Director WEG Energy

#### ANDRÉ LUÍS RODRIGUES CFO



Opening (broadcast start time) 9:00 AM

**Online Broadcast** 

Industrial motors strategy 9:10 AM 9:35 AM Alternators strategy 10:00 AM Q&A

Coffee break

Financial update

Strategic update

#### 11:40 AM Q&A

#### **Simultaneous Translation**





**RODRIGO FUMO** FERNANDES **Managing Director** WEG Industrial Motors



**ALBERTO KUBA** CEO





# Strategy Industrial Motors

#### **RODRIGO FUMO FERNANDES**

Managing Director WEG Industrial Motors







Brazıl

External Market





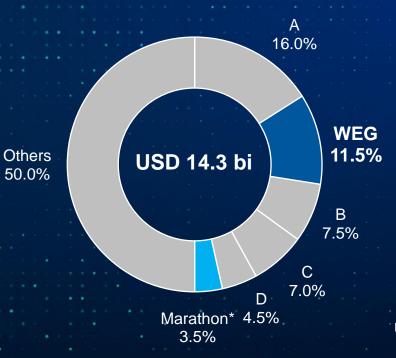
# Market Share



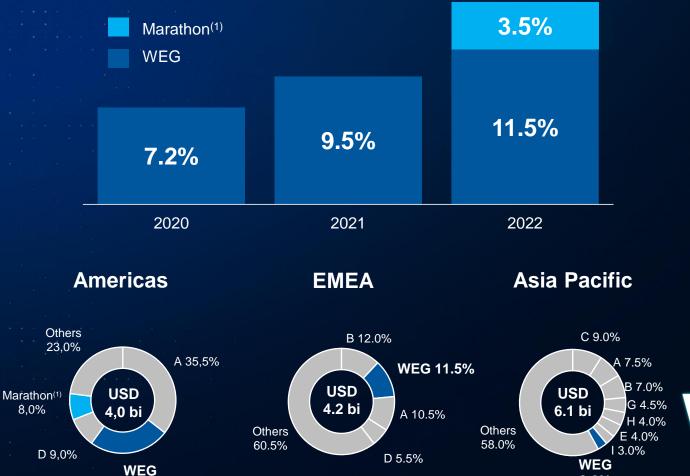
#### Market share growth

24,5%

Industrial Motors Low Voltage WEG + Marathon\*: 15%



Source: Omdia 2023 – LV Motors (1) Considers brands Marathon, Cemp and Rotor



3.0%

# Marathon Integration

**115 participants** 

### **21 presentations**

#### 3 days event in Jaraguá do Sul

#### 12 hours of factory visits







# Marathon Integration



- WEG and Marathon merge
- 2,500 employees
- Integration begins

Integration Meeting June 17, 2024

- Marathon Executives at Jaraguá do Sul
- WEG Business Structure
- Governance, Culture, Mission, and Vision
- Integration strategies

Marathon Integration Group July 03, 2024

- Marathon and WEG Executives
- Multidisciplinary group
- Permanent forum
- Identify synergies
- Operational improvements
- Gain in competitiveness





# Strategy North America

**Century-old Brand in America** Strong presence in the automotive, metallurgical, pulp and paper, and Commercial HVAC<sup>(1)</sup> sectors

#### **Synergies and Opportunities**

- Four new factories
- Drives WEG's Motion Drive strategy
- Providing complete solutions with variable frequency drivers
- Strengthens WEG's presence in important segments
- Scale gains in the synergy from Marathon Monterrey and WEG Mexico

Monterrey, Mexico

Wausau, US









# Strategy China

Recognized brand in operation since **1958**  Low voltage IEC/NEMA and medium voltage IEC motors







- Inclusion of WEG drivers and gearboxes in Marathon's supply packages
- Production of motors for export
- Knowledge and experience of the local Marathon team
- Gains in synergy between Marathon and WEG China







# Strategy India



#### Ahmedabad, India



#### Synergies and Opportunities

- Two new plants, in Kolkata and Ahmedabad
- Greater proximity to India's major industrial clusters
- Participation in important segments such as Flame Proof, Smoke Extraction, Crane Duty, Slipring, Brake Motor
- Expansion of the network of Resellers and Service Centers



Kolkata, India



# Strategy Europe



Eibergen, Netherlands

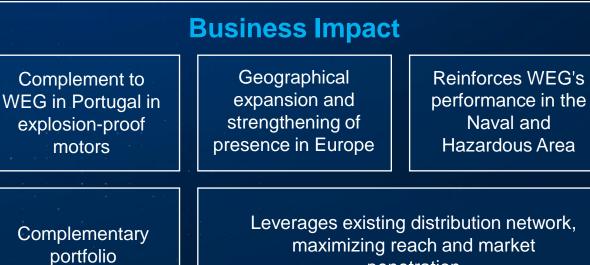


Leader in marine propulsion solutions, with more than 60 years of experience

Reference in motors for high-risk environments, such as energy and Oil & Gas

**WEG Group** 

cemp



penetration









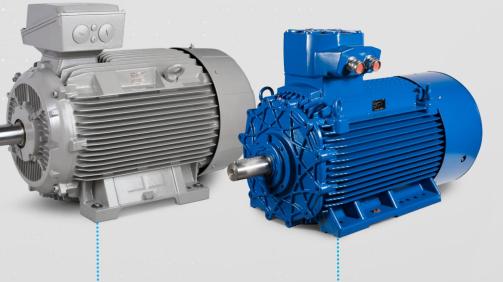


# **Marathon Products**









#### MARINE

EXPLOSION PROOF

#### **IEEE 841**

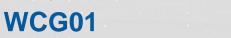
**FIRE PUMP** 

marathon



# **Products Focus on Competitiveness**





WCG50

**W51HD** 

**WCG20** 



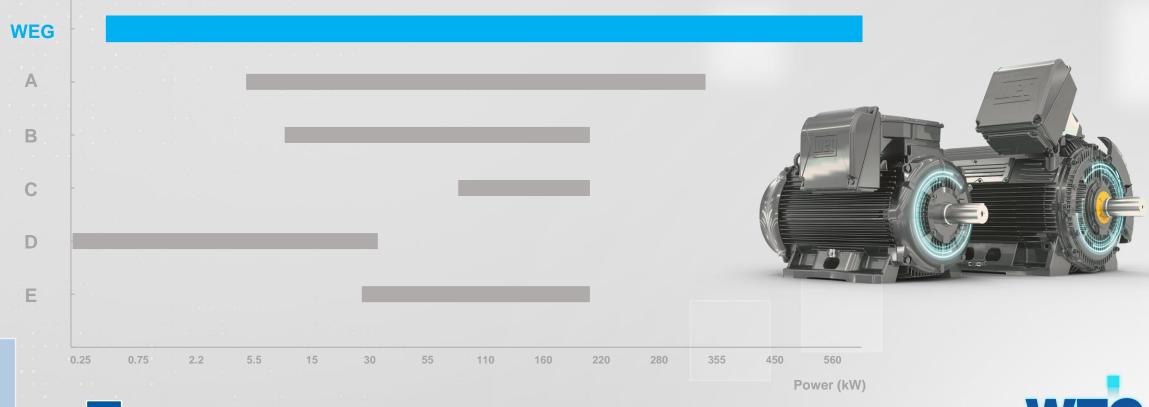
# High Technology and Sustainability IEC IE5 and IE6 Frame IEC 80 to 450 0.75kW up to 1250 kW **CFW 900**

#### W23 Sync+Ultra



# Synchronous Motors Benchmarking





W23 SYNC+ 4-pole motor comparison with main competitor's equivalent



# High Technology and Sustainability



### W80 AXgen + CFW 900

Axial Flux Technology





International release in October 2024 and for Brazil in January 2025

## **Factory Expansion Mexico**





#### **Components for Gearboxes**

2,500 m<sup>2</sup>

built area

R\$ 63 millions investment

Start of operations in 2025



# New Wire Factory Mexico





#### **Rectangular and Circular Wires**

24,000 m<sup>2</sup>

built area

R\$ 340 millions investment

Start of operations in 2029





## Wire Factory Expansion Brazil





#### **Rectangular Wires**

9,500 m<sup>2</sup>

built area

R\$ 170 millions investment

Start of operations in 2029





# Foundry Expansion Brazil





#### **Expansion and modernization**

6,000 m<sup>2</sup>

built area

R\$ 160 millions investment

Start of operations in 2027





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# Key Messages



### **Global Strategic presence**

### **Marathon Synergy**

**Growth capacity** 

### **Innovation and technology**







# Alternators Strategy

### JOÃO PAULO GUALBERTO DA SILVA

Managing Director WEG Energy



# WEG Energy



continents

in

120 countries

countries

Complete Service Network solutions For renewable energy generation

Marathon +3 factories

Wide



employees worldwide





+1,000 HP medium voltage motors delivered



132 GW

 $\left\{ \right\}$ 

Installed in power generation

5,000 Turbo and hydro generators produced



1.1 GW

Installed in wind turbines



255,000

Synchronous alternators produced

Distributors in	

in

factories

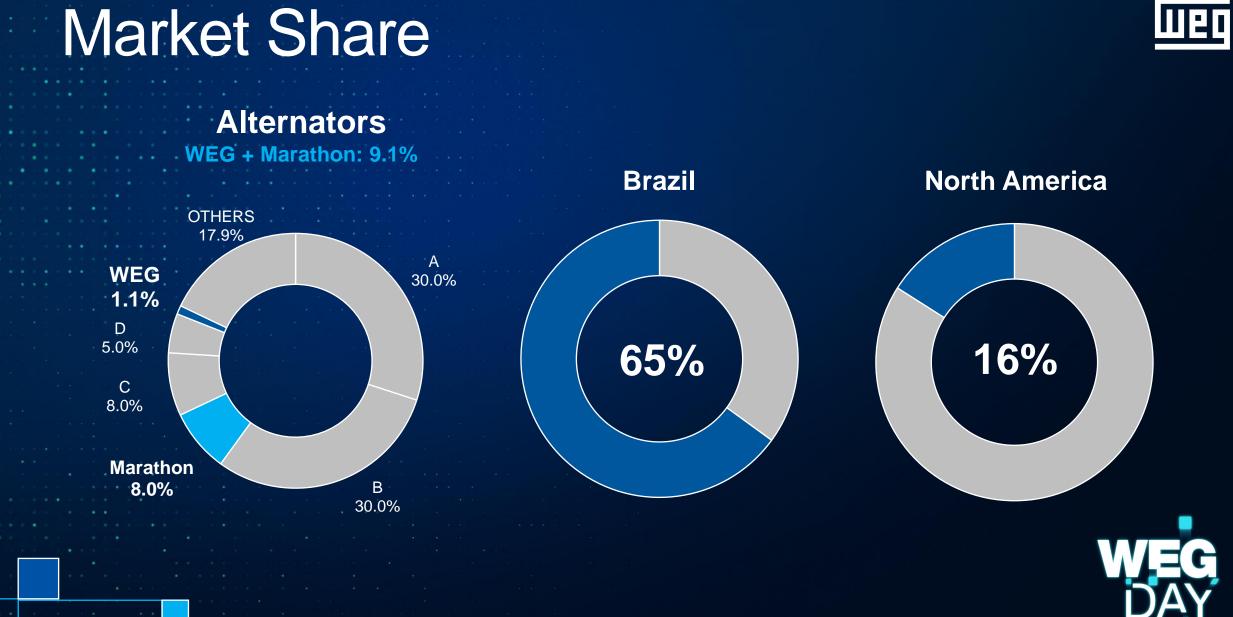
 $\mathbb{N}$ 

1,300

Steam turbines produced for thermal generation by biomass



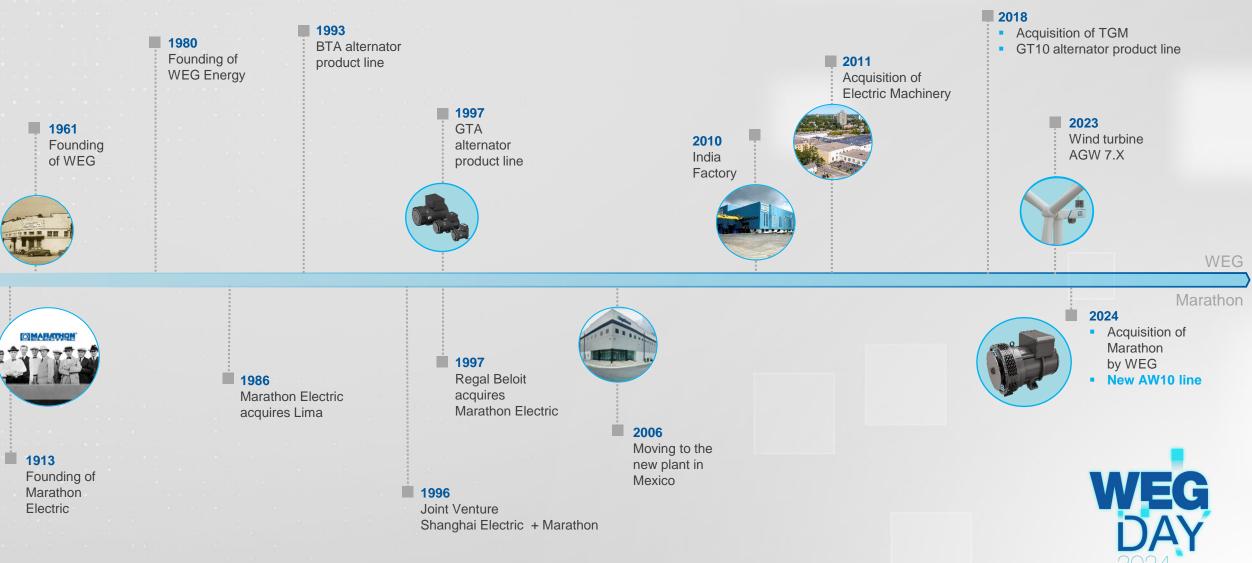




Source: Omdia

## **Timeline Alternators**





## **Global Strategy Alternators**



#### **North America Marathon**

Traditional brand with excellent reputation Regain market share Dedicated production lines in the US and Mexico Production and Engineering close to customers Vertical integration of WEG Mexico as a supplier Costs and lead times reduction

#### South and Central America WEG

Production and Engineering close to customers
Open new markets and local support
Factory dedicated to alternator business
Important logistical gains
Good brand positioning



## **Global Strategy Alternators**



#### **China Marathon**

JV 55% Marathon and 45% Shanghai Electric Production and Engineering close to customers Open new markets and local support Factory dedicated to the alternator business Important logistical gains Good brand positioning in the market

#### **Europe and Middle East Marathon**

Traditional brand with an excellent reputation

Regain customers in the medium term



# **Commercial Strategy Alternators**

#### Focus on partnerships with the main OEMs in the market







# **Integration Strategy**



Use WEG's **vertical integration** for production and supply chain improvements Cast iron from **Mexico** to support the Monterrey and Wausau structure

Suppliers of WEG units in India and China



Stamping production unit in Mexico

Production gains with stamped sheets **standardization** 

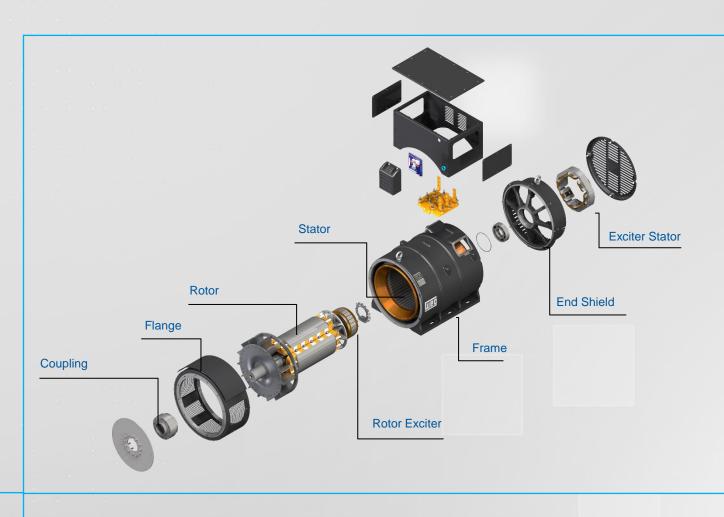




# **Integration Strategy**



Use WEG's **vertical integration** for production and supply chain improvements





# **Alternators Committee**



#### PRODUCTS

- Evaluation of new products and technologies
- Pipeline priority validation for new products

#### **SALES & MARKETING**

- **Product portfolio**
- **Sales Analytics**
- Trends and market segments



#### QUALITY

#### Product Certification Governance

### Products, Laboratories and Manufacturing Plants

#### **OTHER INITIATIVES**

- **Competition Mapping**
- **Customer Movements**
- **Best Practices/Tactical Plan Promotion**



## Global Sales 2023

Sales Channel

Others 7.0%

OEM 93.0%

> 1,000 kW 3.0%
< 300 kW 34.0%

**Product Type** 

300 to 1,000 kW 23.0%





Source: Omdia

### **Alternators Business Strategy**



Continued use in critical applications such as hospitals, airports, telecommunications Advancing AI and cloud services increases demand for Data Center applications Energy consumption grows faster than new sources of generation

More frequent blackouts due to high power usage EVs<sup>(1)</sup> growth adding demand to an already saturated grid







# Key Messages



### Marathon Business Integration

### Important market for WEG Energy

Consolidation of global presence









# Financial Update

### ANDRÉ LUÍS RODRIGUES CFO





### WEG at a Glance









### 45,000 employees

worldwide

engineers

4.

700

### 60,000

Motors produced per day

of 2023's revenue came from products launched in the last 5 years

### R\$ 228.3 Billion

in **market value** (Sep/2024)

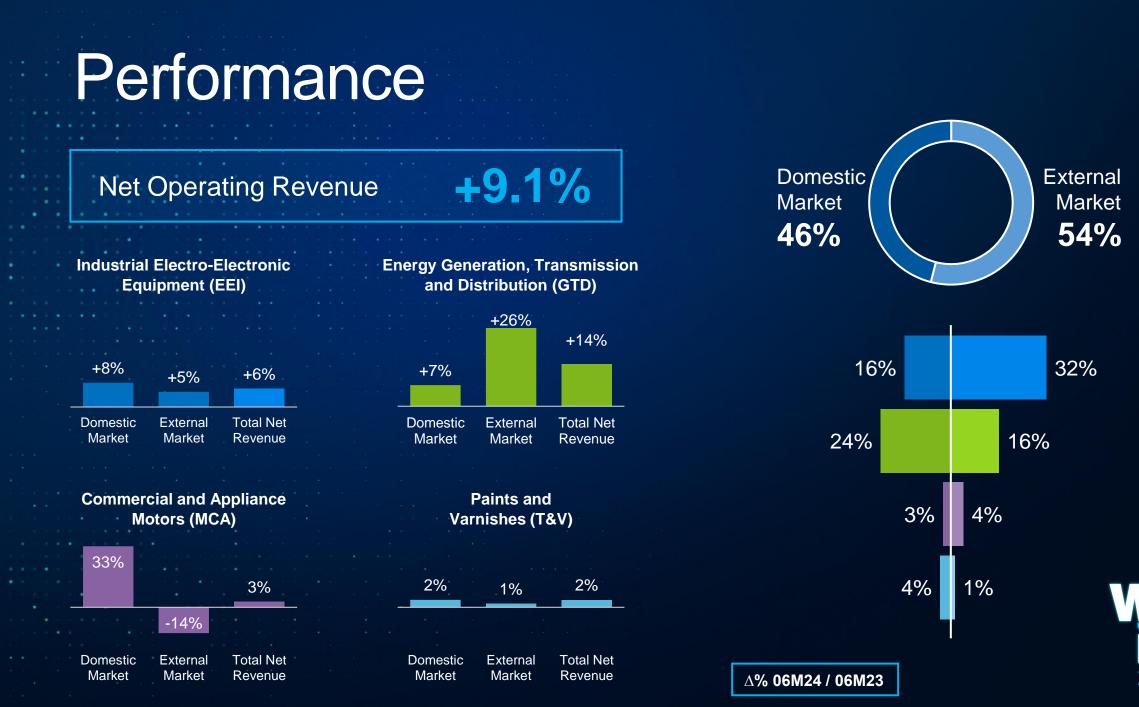


#### Stock Exchange

WEGE3 (B3) WEGZY (OTC – ADR Level 1)







## **Operating Results**







Net Revenue (R\$ Billions) — Margem EBITDA … ROIC

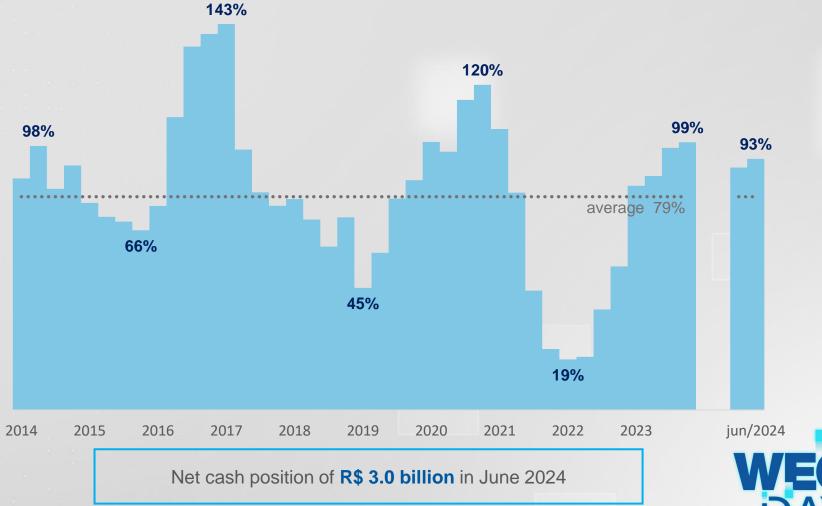


# **Cash Flow Conversion**



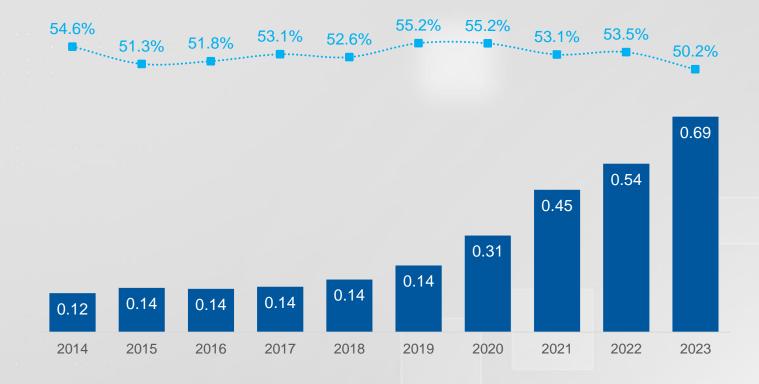


Considered **EBITDA** of the last 12 months in relation to **Operating Cash Flow** 



# Dividend Flow





Dividends per share (R\$)

Pay-out (%)



# Marathon Integration

### Administrative areas integration

# Consolidation of **activities** and process **standardization**

Implementation of the WEG Business Services (WBS) in the operations









# Integração Marathon

### Evaluation and deployment of Information Security tools

### Installation of a new Data Center

Separation and System Integration









Investments









03 ;

Weg

# **New Paint Factory Mexico**





### **Industrial Liquid Paints**

5,300 m<sup>2</sup>

built area

R\$ 100 millions investment

Start of operations in 2026





### Factory Expansion Betim



### 090

### **Power Transformers**

75,000 m<sup>2</sup>

built area

R\$ 370 millions investment

Start of operations in 2026



### Factory Expansion Gravataí





### Transformers up to 230 kV

7,300 m<sup>2</sup>

built area

R\$ 128 millions investment

Start of operations in 2026





## Key Messages



**Consistent Cash Generation** 

### Improvements as Integration progresses









# Strategy Update

### ALBERTO KUBA CEO







### Transition of Command



### Acknowledgment

- Board of Directors
- Harry Schmelzer Jr.
- Executive Board
- Employees

### **Transition process**



# Still Challenging Scenario on Main Markets



#### Europe

- Purchasing Managers' Manufacturing Index (PMI) down since 2023
- Economic activity slowing down
- Challenges in the manufacturing sector
- Consumption still weak

#### US •

- Manufacturing PMI Falling
- Moderate Industrial Production Growth
- Stability in durable goods prices
- Persistent challenges in the labor market

#### China

- Decline in Foreign Direct Investment (FDI)
- Decline in capital • goods output



# We Move Forward on Several Fronts



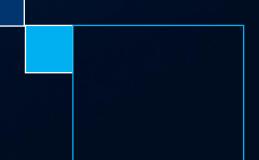
Increase international participation with the Motion Drive strategy

**Growth in sales** of projects for **Medium Voltage (MV) Motors and Drives** 

Recovery in sales of **Commercial &** Appliance Motors

Expansion and strengthening of the Transmission & Distribution (T&D) business







# **Favorable Winds to Business**



### **Investments for Energy Transition**

Energy Efficiency Operational Efficiency Renewable Energies Electric Mobility



Data Center Expansion Increased energy consumption Network availability Grid reliability





# **Energy Transition**





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BloombergNEF Energy Transition Investment Trends 2024
 Mckinsey/WEG 2024
 Article: CNBC Spencer Kimball Aug 2024

### Global investment in technologies for energy transition has reached a record \$1.7 trillion in 2023 <sup>(1)</sup>

To achieve the goals of the Paris Agreement, the average annual Investment needs to almost triple, reaching \$4.8 trillion between 2024 and 2030<sup>(1)</sup>

Estimates that the Transformer market will grow 5% p.a. by 2030, driven by renewable generation, electrification and grid modernization <sup>(2)</sup>

The Electrified Transportation Sector was the biggest driver of investments in energy transition in 2023 with US\$ 634 billion <sup>(3)</sup>



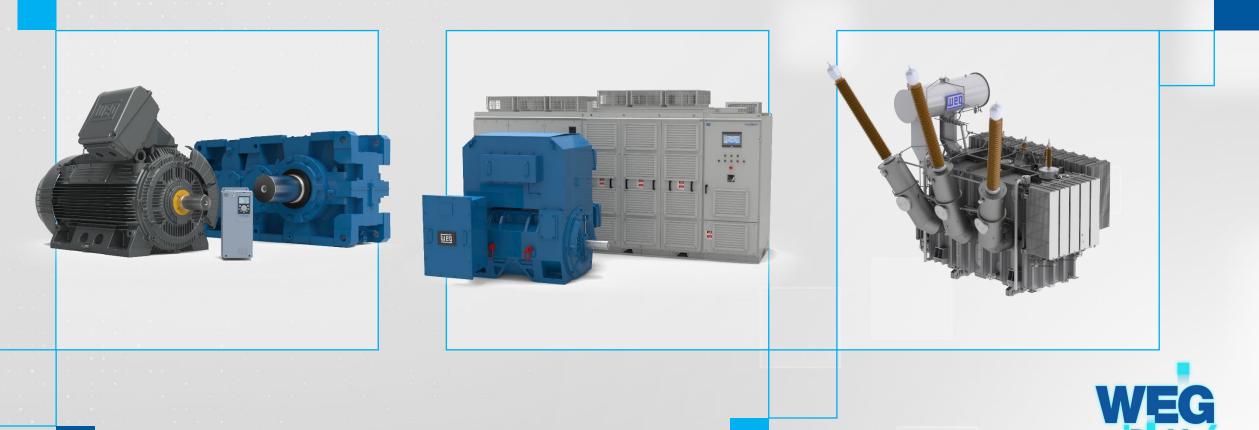




#### **Motion Drives**

#### **MV Motors & Drives**

#### **Transmission & Distribution**



**Commercial** Structure

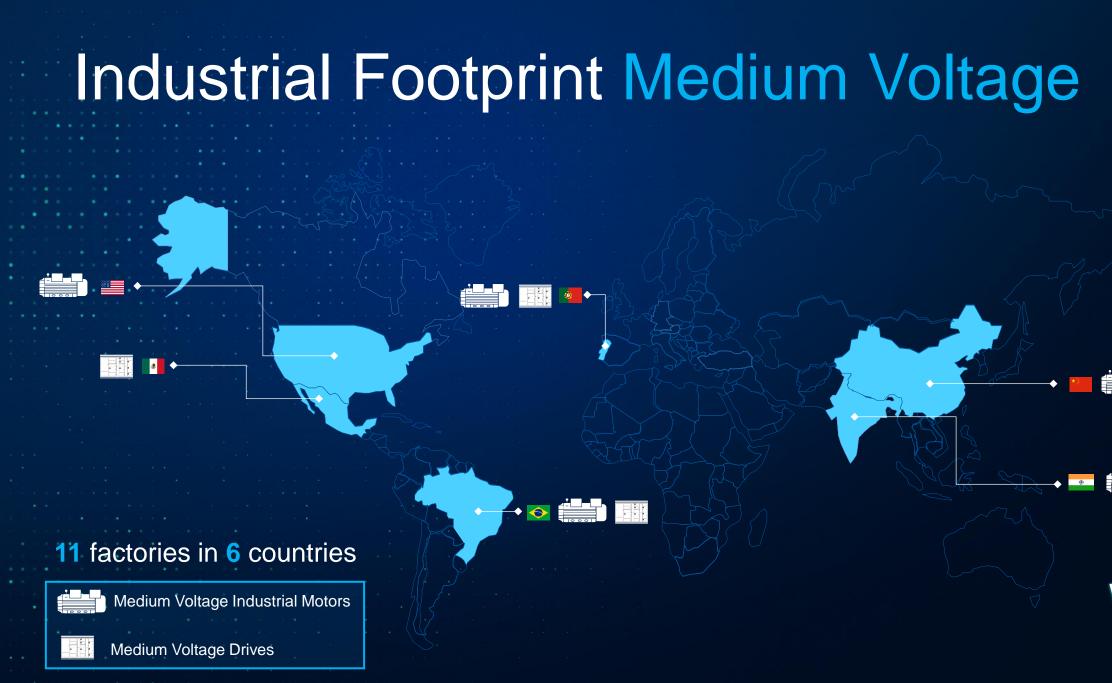


Commercial presence in 41 countries

Distributors in more than 120 countries

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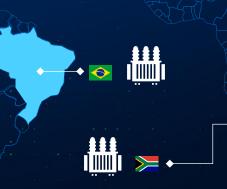
# Industrial Footprint T&D







ormers





### **Developing Business Strategy**



### **Renewable Energies**

#### **Electric Mobility**





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Weg



#### **Expansion**:

BESS<sup>(1)</sup>

Latin America

US

Market Leader (1) Battery Energy Storage Systems

Brazil

#### **Expansion**:

- US
- India

#### **Expansion**:

Latin America

Brazil

South Africa



#### **Expansion**:

- Latin America
- Europe
- Network Integrators
- Sell online
- **B2C** Promotion
- Automotive Partnerships
- Strategic Partnerships



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# **Electric Mobility WEMOB**

INMETRO



**STATION HPC (DC)** Launching November 2024

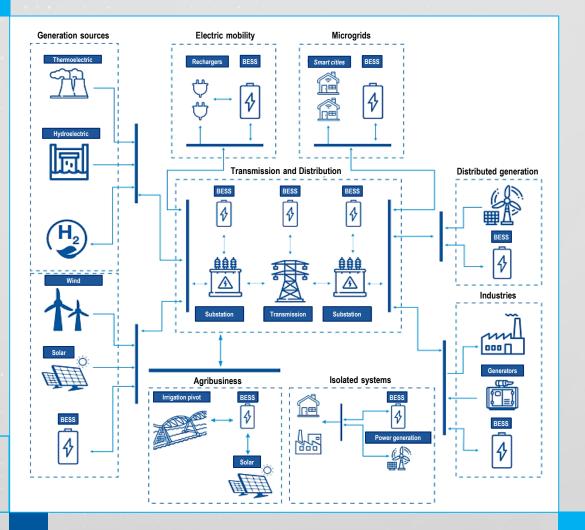


#### **BESS Composition** ..... Two-Way Converter Battery Bank + Management System . . . . . . . . . . . . . . . . SISTEMA DE ARMAZENAMEN DE ENERGIA ESSU Auxiliary Automation and **Systems Control System** Air conditioning Fire system Metering Panels Transformer **Direct Current /** Medium Voltage / Alternating Current Low Voltage



## **BESS Connection Points**





**Connection** at all points in the electrical system

**Configuration** per connection point

Compatible with **generation** sources



# **BESS Portfolio**

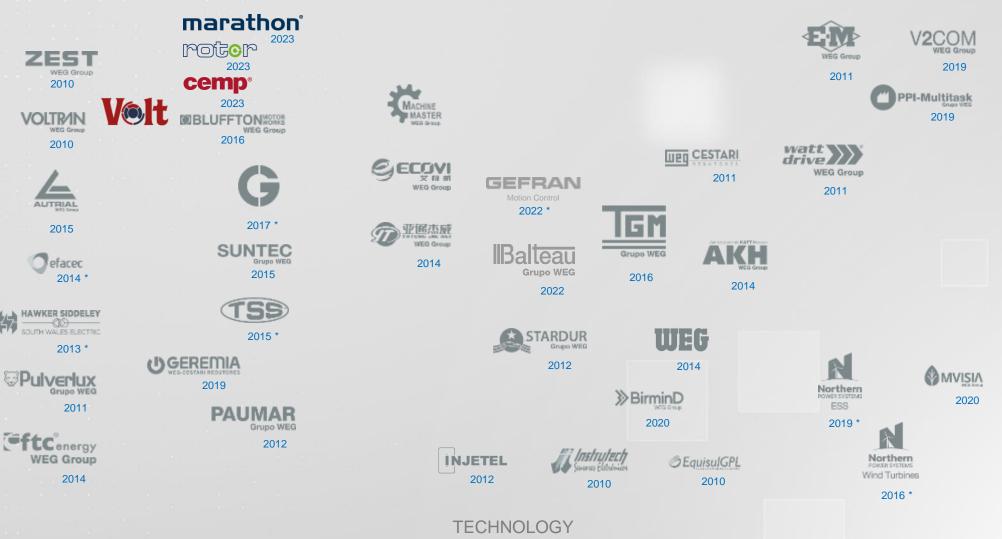




# **M&A Strategy**







## WEG Carbon Neutral Program



### **WEG Carbon Neutral Program**

Reduce GHG emissions by 52% by 2030 Achieve Net Zero by 2050

#### Scope 1

- Electrification of natural gas boiler
- Use of biofuel
- Use of electric vehicles
- Process optimization to reduce energy consumption

#### Scope 2

- ~90% Renewable Energy consumed in Brazil in 2024
- ~75% of the group's global electricity demand in 2024 from renewable sources

**Projects developed to reduce emissions** (2023)Mapped Approved Potential opportunities projects **Reduction (tCO2e)** 32,000 809 610 RESULTS -25% **Effective reduction of** emissions in 2 years

# **ESG** Achievements





DP SCORING BREAKDOWN	
A LEADERSHIP A- UED B	CDP Score
MANAGEMENT B- C AWARENESS C-	
DISCLOSURE	D D-





### Key Messages



**Accelerate Internationalization** 

Potential opportunities with Energy Transition and Use of Al



Expansion of the Electric Mobility and BESS portfolio

Advancing **ESG** projects







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Driving efficiency and sustainability

