

FEBRUARY 2024

# STRENGTHENING TODAY, SHAPING TOMORROW





#### **Forward Looking Statements**

This presentation contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. All statements, other than statements of fact, that address activities, events or developments that we or our management intend, expect, project, believe or anticipate will or may occur in the future are forward-looking statements including without limitation our statements regarding inflationary pressure on Garrett's business and management's inflation mitigation strategies, financial results and financial conditions, industry trends and anticipated demand for our products, Garrett's strategy, anticipated supply constraints, anticipated developments in emissions standards, trends including with respect to production volatility and volume, Garrett's capital structure, new product development and capital deployment plans for the future including expected R&D expenditures, anticipated impacts of partnerships with third parties, and Garrett's outlook for 2024. Although we believe for ward-looking statements are based upon reasonable assumptions, such statements involve known and unknown risks, uncertainties, and other factors, which may cause the actual results or performance of Garrett to be materially different from any future results or performance expressed or implied by such forward-looking statements. Such risks and uncertainties include but are not limited to those described in our annual report on Form 10-K for the year ended December 31, 2023, as well as our other fillings with the Securities and Exchange Commission, under the headings "Risk Factors" and "Cautionary Note Regarding Forward-Looking Statements." You are cautioned not to place undue reliance on these forward-looking statements and business decisions may differ from those envisaged by our forward-looking statements.

#### **Non-GAAP Financial Measures**

This presentation includes the following Non-GAAP financial measures which are not calculated in accordance with generally accepted accounting principles in the United States ("GAAP"): constant currency sales growth, EBITDA, Adjusted EBITDA, Adjusted EBITDA margin, and Adjusted free cash flow. The Non-GAAP financial measures provided herein are adjusted for certain items as presented in the Appendix containing Non-GAAP Reconciliations and may not be directly comparable to similar measures used by other companies in our industry, as other companies may define such measures differently. Management believes that, when considered together with reported amounts, these measures are useful to investors and management in understanding our ongoing operations and analysis of ongoing operating trends. Garrett believes that the Non-GAAP measures presented herein are important indicators of operating performance because they exclude the effects of certain items, therefore making them more closely reflect our operational performance. These metrics should be considered in addition to, and not as replacements for, the most comparable GAAP measure. For additional information with respect to our Non-GAAP financial measures, see the Appendix to this presentation and our annual report on Form 10-K for the year ended December 31, 2023.

# **Today's Presenters**





Sean Deason
SVP & Chief
Financial Officer

23 Years Industry Experience

**4** Years at Garrett



Pierre Barthelet
SVP Strategy &
Advanced Technologies

25 Years Industry Experience

**22** Years at Garrett / Honeywell

## **Garrett: Global Leader and Innovation Powerhouse**



#### **Key Statistics**

# >50%

Business<sup>1</sup>

\$3.9B

Global #1

Turbo Player

2023 Revenue

 $\sim 9,700^{2}$ **Employees** 

\$100M+

**Annual Investment** in Electrification

> 5 R&D Centers

Win Rate of New

~\$2B Market Capitalization

~1,300

Engineers

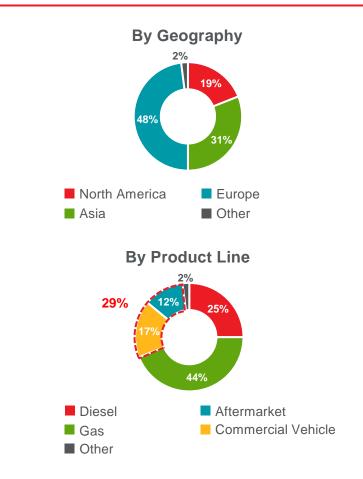
~1,300

Patents Issued or Pending

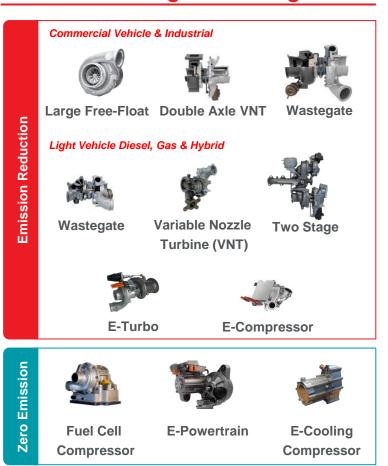
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State-of-the-art Manufacturing Facilities

#### 2023 Revenue Breakdown



#### **Technologies Offering**



<sup>1</sup> Reflects Garrett win rate on total turbo industry opportunities

<sup>2</sup> Includes approximately 7,600 permanent employees and 2,100 temporary and contract workers globally as of 12/31/2023

## Leader in Turbo, a more resilient industry than ICE



#### Turbo tech: longer tail than ICE

#### Light Vehicles turbo penetration on Internal Combustion Engines (%)<sup>2</sup> 57% 57% 56% 55% 2023 2024 2025 2026 2027 Commercial Vehicles Turbocharged Engines (M engines)<sup>2</sup> 6.9M 6.9M 6.7M 6.4M 6.3M 2023 2024 2025 2026 2027

• Increasing Turbo tech. content with tighter emission standards

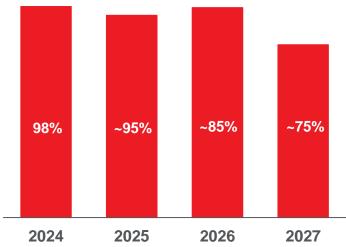
#### **Garrett leadership expansion**

- #1 Turbo Industry Leader
- >50% new business win rate on average since 2018
- Broadest portfolio of Turbo technologies for Light Vehicle and Commercial Vehicle
- Expanding range further in Industrial with Large Frame Turbo for Power Generation and Marine

#### Long term visibility on booked sales

>80% cumulative OEM sales already
 secured 4 years in advance

#### Projected OEM Sales Already Awarded<sup>1</sup>



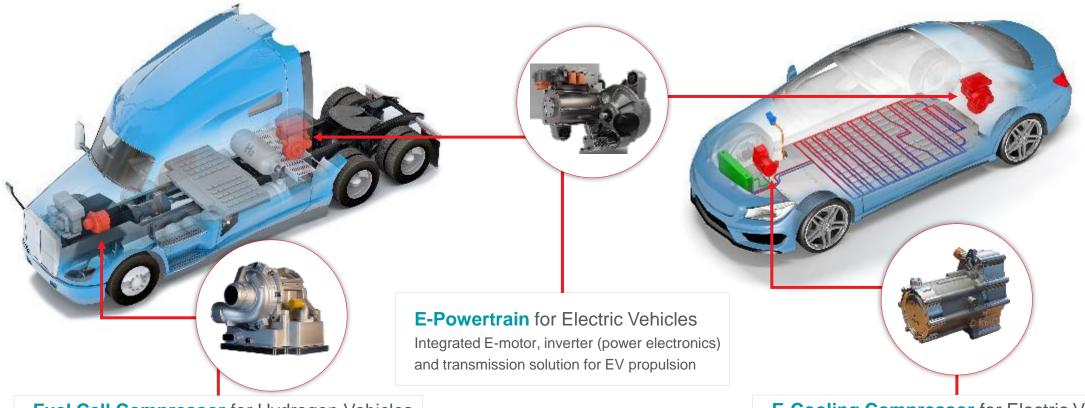
 29% of total sales from Commercial Vehicles, Industrial & Aftermarket in 2023, and growing

## **Garrett Technologies for Zero Emission Vehicles**



## **Hydrogen Fuel Cell EV ("FCEV")**

#### Battery EV ("BEV")



**Fuel Cell Compressor** for Hydrogen Vehicles
Feeds the fuel cell stack with the air needed to generate

Feeds the fuel cell stack with the air needed to generate electricity

**E-Cooling Compressor** for Electric Vehicles Crucial component in EV thermal management; circulates refrigerant fluid to cool the battery, E-Powertrain and cabin

## **Garrett's Robust & Differentiated Zero Emission Pipeline**



#### **Garrett Technology Advantage...**

#### ... Delivering High Customer Value

## Fuel Cell Compressor



- Unique high-speed motor & controls electronics technology
- Best in class aerodynamics, including turbine expander
- IP protected oil-less foil bearing & high-speed balancing
- Broadest portfolio for fuel cell applications 40-300kW+

- √ Reducing total cost of ownership
- ✓ Increasing vehicle range
- ✓ Increasing vehicle/fleet productivity
- √ Proven durability, 7 years in the field

#### **E-Powertrain**



- Driving major technology step with high-speed motor enabling
   2-3x industry standard of 15k rev/min
- 40%+ reduced weight & packaging space benefit
- Proven system integration experience

- ✓ Increasing vehicle range & performance
- √ Freeing up space for better modularity across vehicle platforms
- ✓ Enabling installation in constrained applications

# E-Cooling Compressor



- ✓ Build on broad experience with fuel cell compressors
- √ High-speed motor & controls electronics technology
- ✓ Best in class aerodynamics & IP protected oil less bearing
- √ System optimization & controls key to success

- ✓ Enabling ultra fast charging & high-speed driving
- ✓ Enhancing cabin comfort
- √ Easing installation (no oil lines)
- ✓ Quite operation

## Fuel Cell Compressor (FCC)... Results so far



First Generation launched in 2016, on the Honda Clarity



x2-3

**ASP multiplier** vs. Turbo Light Vehicle/Commercial Vehicle Waste Gate



**2** new Series Production Contracts awarded in 2023









>500

Prototypes Delivered in 2023

15+

**Customers Engaged** 

PORTFOLIO: 4 FC COMPRESSOR FAMILIES

FCC15 for cars & light commercial vehicle

FCC22 for buses & medium-duty trucks

FCC25 for heavy duty trucks

FCC32 for heavy duty trucks, off highway & industrial applications

## High Speed E-Powertrain... Results so far







**3** Pre-development Contracts Won in 2023





15+ Customers Engaged









PORTFOLIO: 3 E-POWERTRAIN FAMILIES

130kW for small SUVs, compact sedan

**250kW** for SUV, Premium, Light Commercial Vehicles

~400kW for High Performance & Pick-up

x5-10

ASP multiplier vs. Turbo Light Vehicle/Commercial Vehicle Waste Gate

## E-Cooling Compressor... Results so far







## WINNING BUSINESS

7 Pre-development Contracts Won in 2023





20+ Customers Engaged







PORTFOLIO: 3 E-COOLING COMPRESSOR FAMILIES

**15-25kW** for Light Vehicles

25-35kW for Commercial Vehicles

**40-60kW** for industrial usage

x1-2

ASP multiplier vs. Turbo Light Vehicle/Commercial Vehicle Waste Gate

# Track Record of Attractive Profitability and Cash Flow Generation Garrett



#### **Garrett financial framework**

#### Leading to solid profitability and cash flow resilience across cycles



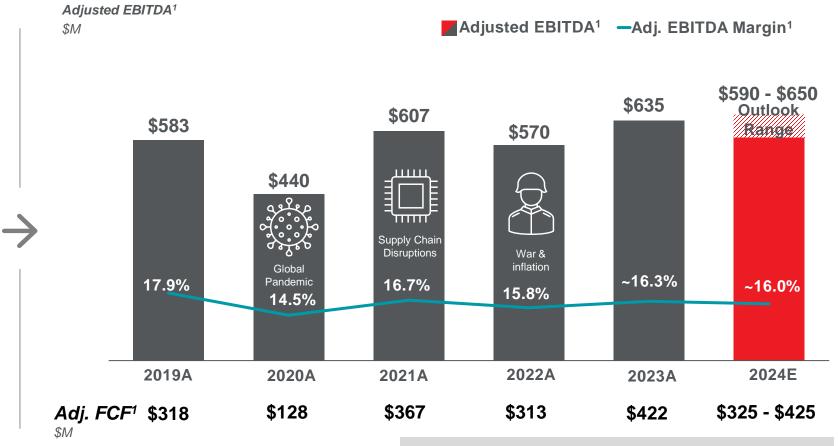
High product profitability driven by sustainable technology differentiation



Flexible, low-cost structure insures financial performance through macroeconomic conditions



Capital "light" operating model drives low capital intensity and strong cash flow generation



Margin stability despite Fx and raw material inflation

<sup>&</sup>lt;sup>1</sup> See Appendix for reconciliations of the Non-GAAP measures

# Technology-driven mission provides long term profitable growth Garrett



#### **Applying Our Financial Framework...**



#### < 5% R&D as % of Net Sales

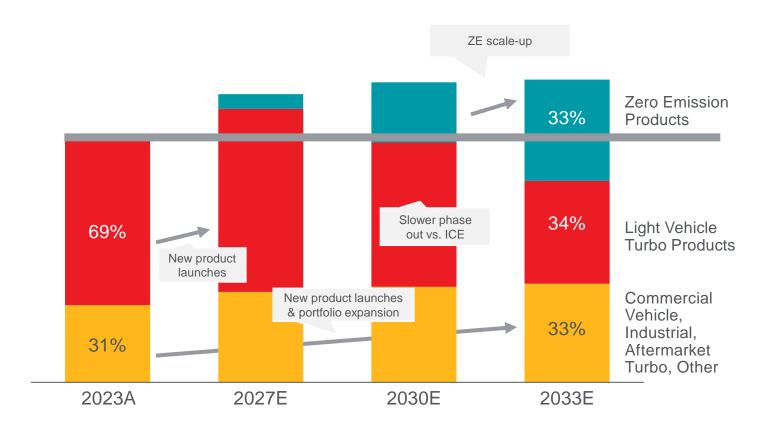
> 20x **Working Capital Turns** 

60% Free Cash Flow Conversion<sup>1</sup>

< 2xNet Leverage Ratio<sup>1</sup>

#### ...While Growing Beyond LV Turbo

Garrett Sales<sup>2</sup>



<sup>&</sup>lt;sup>1</sup> See Appendix for reconciliations of the Non-GAAP measures <sup>2</sup> Source: Management estimates

## **Investor Takeaways**



Industry Leadership

**#1 Turbo player**, leader in a technology-driven industry, consolidating and **more resilient than ICE** overall; Still investing in new Turbo technology and expanding to industrial app's

Healthy Cash generation

**Resilient** & **highly profitable** business, with proven performance through business cycles; **\$1.7B to 2.1B** adjusted free cash flow<sup>1</sup> for the next 5 years while funding **ZE**<sup>2</sup> transition

Focused ZE<sup>2</sup> strategy

Focused R&D investments, on 3 key ZE<sup>2</sup> product lines: Fuel Cell Compressor, E-Powertrain, E-Cooling Compressor, targeting a fast-growing, 30B\$ industry by 2030

**Tech** differentiation

New ZE<sup>2</sup> product lines, addressing unmet customer needs; sustaining high margins through difficult to replicate technology, while providing optionality beyond mobility

Talent & Culture

**Experienced leaders** with proven track record of success; **strong intrapreneurial culture** centred on creating and delivering **breakthrough innovation** at scale

# **APPENDICES**



# **Income Statement**



(\$ in millions)				
Net sales				
Cost of goods sold				
Gross profit				
Selling, general and administrative				
expenses				
Other expense, net				
Interest expense				
Loss on extinguishment of debt				
Non-operating income				
Reorganization items, net				
Income before taxes				
Tax expense				
Net income				
Less: preferred stock dividend				
Less: preferred stock deemed dividend				
Net income available for distribution				

Q4 2023
\$945
756
189
69
2
55
0
(5)
0
\$68
16
<b>\$52</b>
\$0
\$0
<b>\$52</b>
16 <b>\$52</b> \$0 \$0

Q4 2022	
\$898	
737	
161	
52	
0	
11	
0	
(38)	
1	
\$135	
23	
\$112	
(\$40)	
\$0	
<b>\$72</b>	

0.42022

FY 2023

**\$3,886**3,130
756

247

159 0 (2) 0 **\$347** 86 **\$261** (\$80) (\$232) **(\$51)** 

FY 2022	
\$3,603	
2,920	
683	
216	
2	
8	
5	
(47)	
3	
\$496	
106	
\$390	
(\$157)	
\$0	
\$233	

# **Balance Sheet Summary**



(\$ in millions)

(\$ in millions)		
Assets	December 31, 2023	December 31, 2022
Cash and cash equivalents	\$259	\$246
Restricted cash	1	2
Other	1,146	1,183
Total current assets	1,406	1,431
Property, plant and equipment-net	477	470
Deferred income taxes	216	232
Other	428	504
Total assets	\$2,527	\$2,637
Total current liabilities  Long-term debt  Other	1,374 1,643 245	1,375 1,148 230
	245	
Total liabilities	\$3,262	\$2,753
Equity (deficit)		
Common stock, par value	0	0
Additional paid-in capital	1,190	1,333
Retained deficit	(1,922)	(1,485)
Accumulated other comprehensive income (loss)	(3)	36
Total deficit	(735)	(116)
Total liabilities and deficit	\$2,527	\$2,637

# **Summary of Cash Flows**



(\$ in millions)	Q4 2023	
Net income	\$52	
Net cash provided by operating activities	135	
Net cash used for investing activities	(7)	
Net cash used for financing activities	(37)	
Effect of foreign exchange rate changes on cash, cash equivalents and restricted cash	6	
Net decrease in cash, cash equivalents and restricted cash	97	
Cash, cash equivalents and restricted cash at beginning of the period	163	
Cash, cash equivalents and restricted cash at the end of the period	\$260	

Q4 2023	Q4 2022	FY 2023	FY 2022
\$52	\$112	\$261	\$390
135	137	465	375
(7)	(13)	(55)	(91)
(37)	(46)	(403)	(482)
6	9	5	(18)
97	87	12	(216)
163	161	248	464
\$260	\$248	\$260	\$248

# Reconciliation of Cash Flow from Operations to Adjusted Free Cash Flow



(\$ in millions)	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Net cash provided by operating activities								
(GAAP)	\$73	\$104	\$61	\$137	\$92	\$164	\$74	\$135
Expenditures for property, plant and								
equipment	(29)	(23)	(26)	(13)	(8)	(25)	(24)	(26)
Net cash provided by operating activities less expenditures for property, plant and equipment (Non-GAAP)	\$44	\$81	\$35	\$124	\$84	\$139	\$50	\$109
Chapter 11 Professional service costs	2	1	1	1	0	0	0	0
Capital structure transformation costs	0	0	0	0	1	1	5	1
Cash payments for repositioning	2	1	1	0	2	2	5	2
Cash proceeds from cross currency swap	0	0	0	0	0	0	0	19
Factoring and P-notes	(10)	(60)	83	7	1	(2)	(3)	6
Adjusted free cash flow (Non-GAAP)	\$38	\$23	\$120	\$132	\$88	\$140	\$57	\$137

FY 2022	FY 2023
\$375	\$465
(91)	(83)
\$284	\$382
5	0
0	8
4	11
0	19
20	2
\$313	\$422

# Reconciliation of Net Income to Adjusted EBITDA and Full Year Consolidated EBITDA1



(\$ in millions)	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023	FY 2022	FY 2023
Net income - GAAP	\$88	\$85	\$105	\$112	\$81	\$71	\$57	\$52	\$390	\$261
Interest expense, net of interest income	(4)	8	(9)	11	27	24	47	54	6	152
Tax expense	37	20	26	23	27	30	13	16	106	86
Depreciation	22	21	21	20	21	22	23	24	84	90
EBITDA (Non-GAAP)	\$143	\$134	\$143	\$166	\$156	\$147	\$140	\$146	\$586	\$589
Reorganization items, net	1	1	0	1	0	0	0	0	3	0
Stock compensation expense	2	3	3	3	3	5	4	2	11	14
Repositioning costs	1	2	1	0	7	1	6	(1)	4	13
Foreign exchange loss on debt, net of related hedging loss	0	0	0	0	0	0	0	(1)	0	(1)
Loss on extinguishment of debt	0	5	0	0	0	0	0	0	5	0
Discounting costs on factoring	1	0	1	0	1	1	1	1	2	4
Other non-operating income	(2)	(7)	(2)	(30)	(1)	(2)	(1)	(2)	(41)	(6)
Capital structure transformation costs	0	0	0	0	2	18	2	0	0	22
Adjusted EBITDA (Non-GAAP)	\$146	\$138	\$146	\$140	\$168	\$170	\$152	\$145	\$570	\$635
Unrealized Foreign exchange (gain) loss	(1)	(1)	1	(3)	7	(4)	(3)	6	(4)	6
Interest Income	2	3	1	2	1	1	2	1	8	5
Other expenses <sup>2</sup>	3	4	6	5	11	6	3	0	18	20
Consolidated EBITDA <sup>1</sup>	\$150	\$144	\$154	\$144	\$187	\$173	\$154	\$152	\$592	\$666
Net sales	\$901	\$859	\$945	\$898	\$970	\$1,011	\$960	\$945	\$3,603	\$3,886
Net income margin	9.8%	9.9%	11.1%	12.5%	8.4%	7.0%	5.9%	5.5%	10.8%	6.7%
Adjusted EBITDA margin	16.2%	16.1%	15.4%	15.6%	17.3%	16.8%	15.8%	15.3%	15.8%	16.3%

<sup>&</sup>lt;sup>1</sup> As defined in our credit agreement

<sup>&</sup>lt;sup>2</sup> Relates to qualifying expenses such as costs of public company registration, listing and compliance, facility start-up and transition costs and other non-recurring expenses as defined under our credit agreement.

# Reconciliation of Long-Term Debt to Net Debt and Related Ratios



(\$ in millions)	Q4 2022	Q3 2023	Q4 2023
Long-term term debt	\$1,148	\$1,622	\$1,643
Short-term term debt	\$7	\$7	\$7
Deferred finance costs	\$31	\$48	\$46
Gross Debt	\$1,186	\$1,677	\$1,696
Cash and cash equivalents	\$246	\$162	\$259
Net Debt	\$940	\$1,515	\$1,437
Consolidated EBITDA LTM (Non- GAAP)	\$592	\$658	\$666
Gross Debt to Consolidated EBITDA LTM	2.0x	2.5x	2.5x
Net Leverage Ratio <sup>1</sup>	1.6x	2.3x	2.2x

<sup>&</sup>lt;sup>1</sup> Net leverage ratio defined as Net Debt divided by Consolidated EBITDA

# Full Year 2024 Outlook Reconciliation of Net Sales Growth to Net Sales Growth at Constant Currency



0004 F. II V. - - III ...

	2024 Full Year Low End	2024 Full Year High End
Net sales (% change)	(2%)	2%
Foreign currency translation	0%	0%
Full Year 2024 outlook Net Sales Growth at Constant Currency	(2%)	2%

# Full Year 2024 Outlook Reconciliation of Net Income to Adjusted EBITDA



(\$ in millions)	2024 Full Year Low End	2024 Full Year High End
Net income - GAAP	\$230	\$275
Interest expense, net of interest income *	146	46
Tax expense	78	93
Depreciation	92	92
Full year 2024 outlook EBITDA (Non-GAAP)	\$546	\$606
Stock compensation expense	18	18
Repositioning costs	26	26
Full Year 2024 Outlook Adjusted EBITDA (Non-GAAP)	\$590	\$650

<sup>\*</sup> Excludes the effects of marked-to-market fluctuations from our interest rate swap contracts

# Full Year 2024 Outlook Reconciliation of Cash Flow from Operations to Adjusted Free Cash Flow



(\$ in millions)	End	End
Net cash provided by operating activities (GAAP)	\$370	\$470
Expenditures for property, plant and equipment	(87)	(87)
Net cash provided by operating activities less expenditures for property, plant and equipment (Non-GAAP)	\$283	\$383
Cash payments for repositioning	26	26
Cash proceeds from cross currency swap	15	15
Capital structure transformation costs	1	1
Full year 2024 outlook Adjusted Free Cash Flow (Non-GAAP)	\$325	\$425

2024 Full Year Low 2024 Full Year High











## Successful Innovation Shift to Electrification Technologies



Turbomachines for Air Compression



High precision design & assembly, high speed balancing, and ability to operate in harsh environments across multiple use cases



Withstands temperatures up to 1,900°F

Operating with tolerances of 7x thinner than hair

High-Speed Motors



Best-in-class power density, producing the same amount of power in a smaller, more compact form



E-Turbo motor can rotate in excess of 200,000 revs per minute

Operates at 10x typical automotive E-motor speeds

Power Electronics



Unique, compact design for high speed / high power motor control, operating in harsh environments (vibration, temperature)



High voltage 400-800V electronics in a compact design Industry-leading 30,000 Hertz switching frequency

Software



Use on-board digital twins to optimize energy efficiency of all vehicle types in real-time



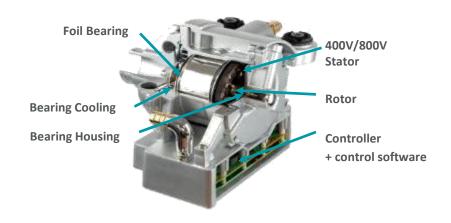
Up to 30x smaller memory footprint

Up to 6x faster execution time vs. closest competitor

# Fuel Cell Compressor (FCC): efficient and durable



### **High-Speed Air Compressor system...**



A **high-speed** electric motor (>150krpm), enclosed in an **ultra-compact** form factor, and controlled by **high voltage** inverter

...Bringing Best-in-Class efficiency and durability

To drive 100 km a Fuel Cell Electric Vehicle consumes

... 1 kg of Hydrogen

...**60** m<sup>3</sup> of air

The Fuel Cell Compressor plays the critical mission of providing that compressed air, determining the efficiency of the entire system, from light vehicle to heavy duty trucks (40kW to 300kW)

**V** 

-10%

Power Consumption

40%

Downsizing Fuel Stack

-30%

**Weight Reduction** 

220-800V

Power architecture compatible

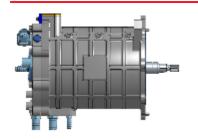
**2**x

More durable

# High Speed E-Powertrain: Higher Power, Smaller Package



#### Designed to re-set the benchmark...



## **IPM Motor**

True high-speed 35krpm



#### Gearbox

Gear ratio 24:1



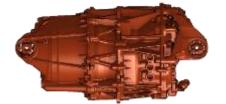
Inverter 800V >15kHz

# E-Powertrain Technology **Garrett High**

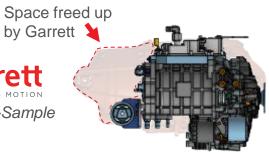
Existing

### ...via Best-in-Class Power Density









-50%

**Packaging Size** Reduction

**-40%** 

Weight Reduction -35%

**Speed E-Powertrain** 

Rare Earth (magnet & copper) **Content Reduction** 

60%

**Continuous to Peak Power Ratio** 

**Best In Class** 

**Energy Efficiency** 

# E-Cooling Compressor: step change in cooling & heating power



## A new refrigerant compressor technology...

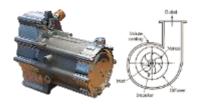
## **Industry standard**



# Volumetric scroll compressor 10 kRPM. oil lubricated

Cooling performance (a) @ higher ambient T °C Heating performance (b) @ lower ambient T °C

## Garrett

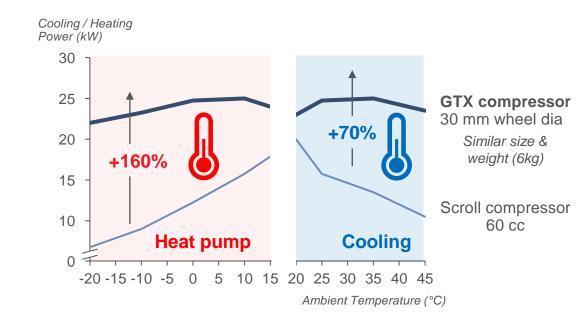


#### **Centrifugal compressor**

160 kRPM, oil-free foil bearings

Cooling performance 7 @ higher ambient T °C Heating performance 7 @ lower ambient T °C

### ... bringing breakthrough in performance



>20%

Reduction in fastcharging time No de-rating

During intensive driving

3**x** 

Faster cabin cool-down

2x

smaller for same cooling/heating power

-10dB

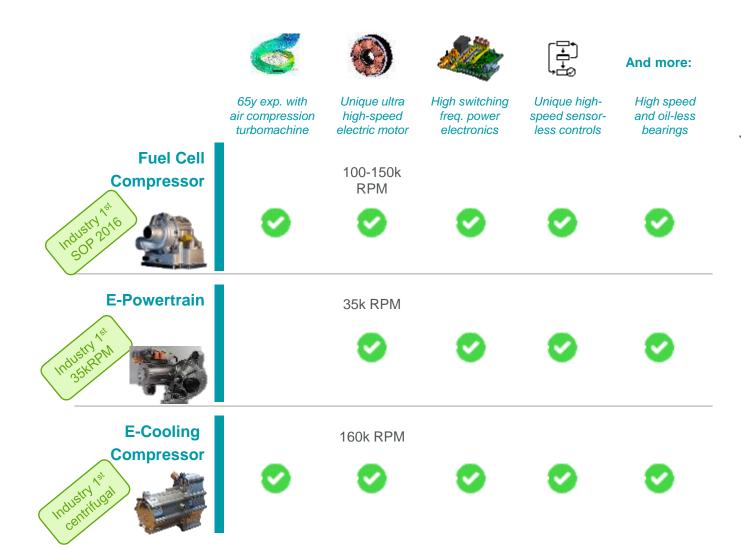
Low vibration and low noise

Oil less

No mounting limitations

# Founded on unique set of capabilities & IP difficult to acquire







#### **Industry status**

Patchy portfolio, higher power consumption, heavier & bulkier design, limited field experience

Lower speed (~15k RPM) motor implies heavier & bulkier product w/ integration challenges

Low speed (<10k RPM)
volumetric compressors
noisy & losing efficiency
in hot or cold conditions



#### Why so difficult to catch up?

- Need multi-domain optimization
   & IP protected critical tech. bricks
- Portfolio breadth to support the variety of applications & field experience (Garrett 10y and 3 gen. know-how, widest portfolio)
- Major technology step required to manage challenges with superhigh-speed vibration, cooling, high-speed balancing, highspeed sensor-less controls, ...
- Need high speed centrifugal air compression building blocks for design & manufacturing
- Garrett leveraging field experience & established portfolio of Fuel cell Compressor