

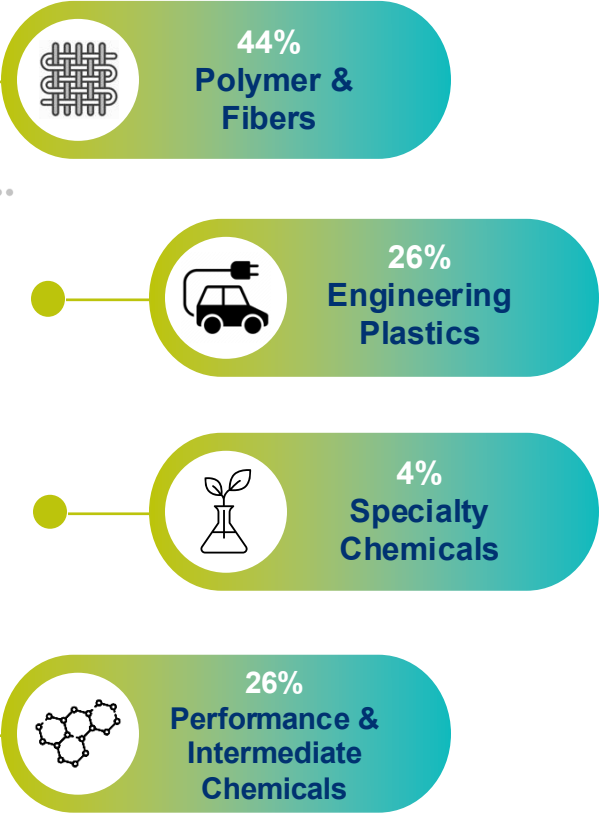
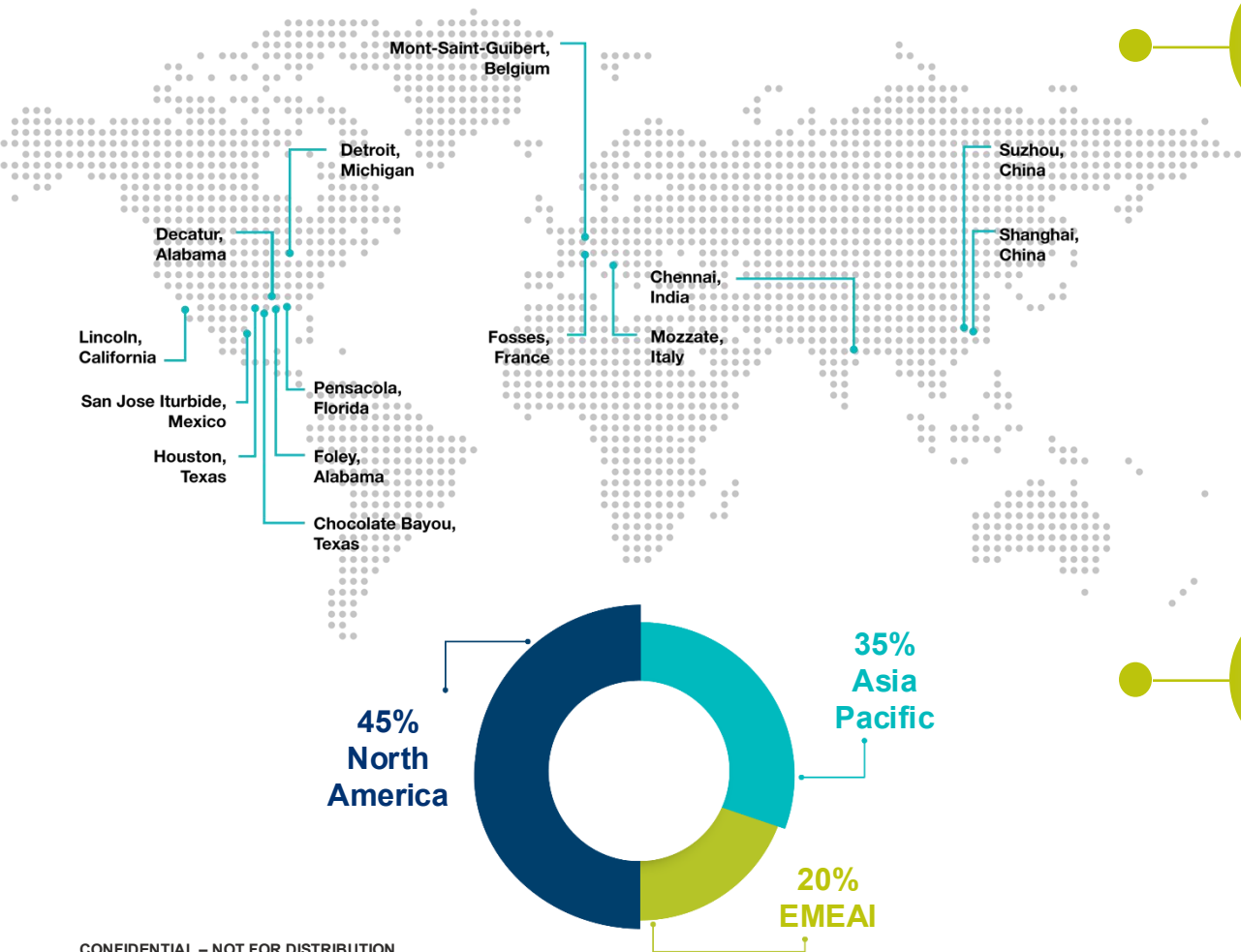


Ascend Performance Materials

2025



We create performance materials that improve the quality of life today and inspire a better tomorrow



2023 Key Metrics

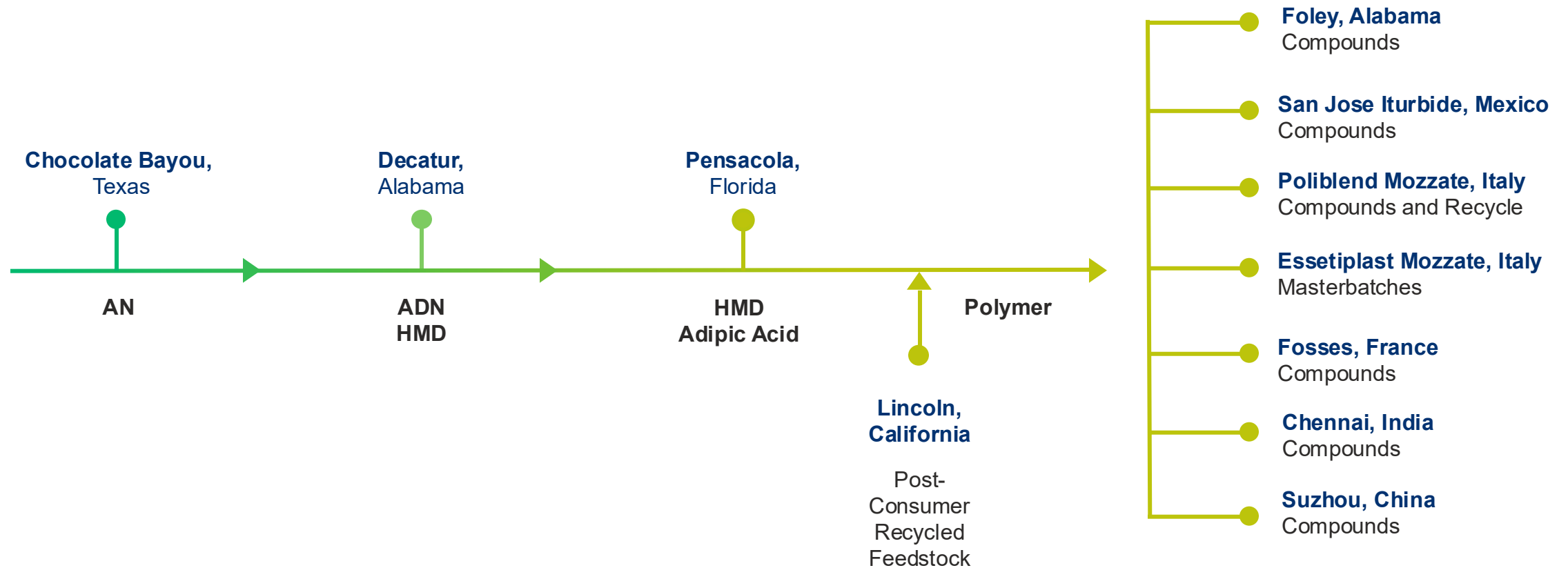
~\$2.5 billion revenue

2700+ employees

90% reduction in GHG emissions by 2030

0.15 TRIR top-decile safety

Global excellence, local service



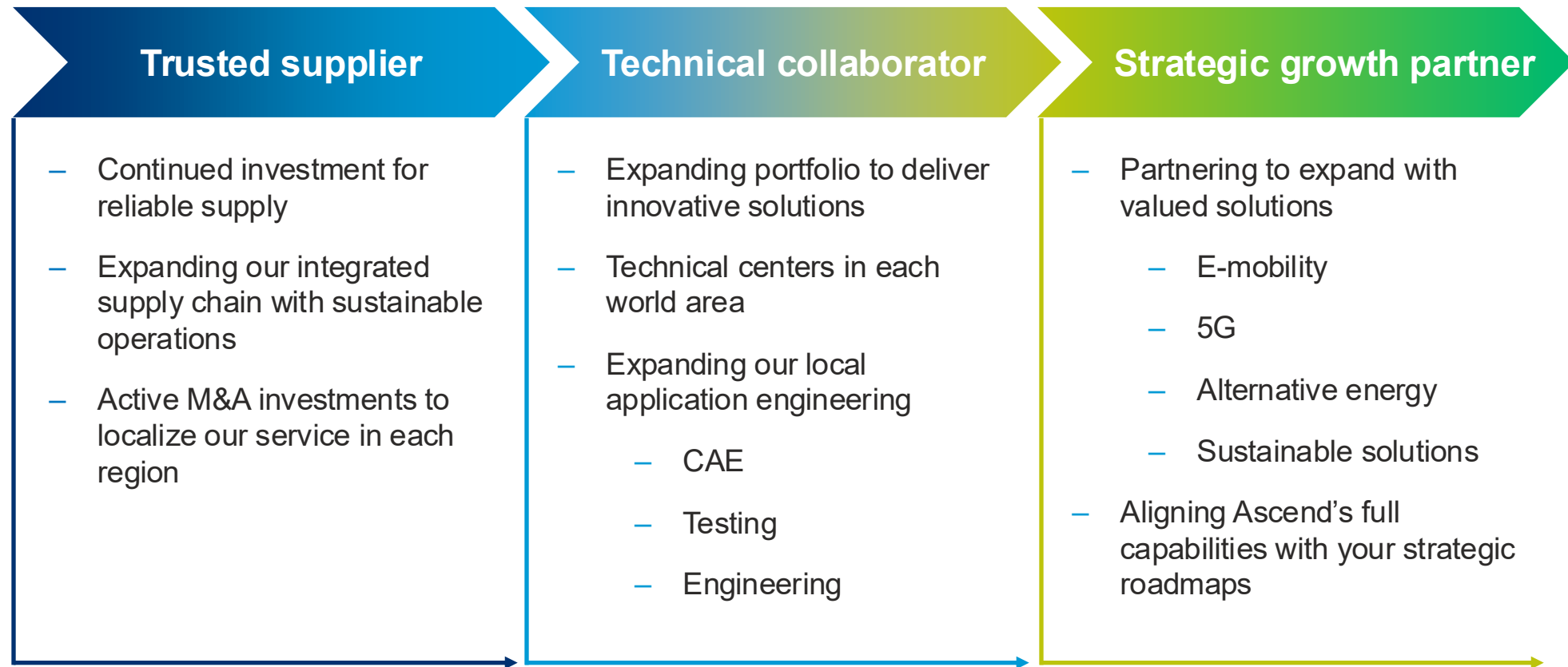
We are a values driven company



Ascend is committed to growth and building long-term partnerships



Our investments



We have a broad portfolio of specialty solutions for diverse applications



PA66 and PA6 resins and compounds.



Flame-retardant PA66, PA6 and PA66,6 resins and compounds.



Specialty polyamides including long-chain, copolymers, amorphous nylon and medical grades.



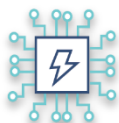
Antimicrobial technology to protect textile, nonwoven and health care applications with zinc.



Certified circular polyamides including post-consumer and pre-consumer recycled materials.



Mobility



Electrical & Electronics



Consumer & Industrial



Cable Management



Specialty Chemicals



Healthcare



Textiles & Safety Systems

We partner with industry leaders to bring innovative, sustainable solutions today





Ascend has the unique ability to tailor the polymer backbone for your most demanding application



Broad portfolio of high-performance materials to help you innovate faster



Continued investment in product and application development capabilities

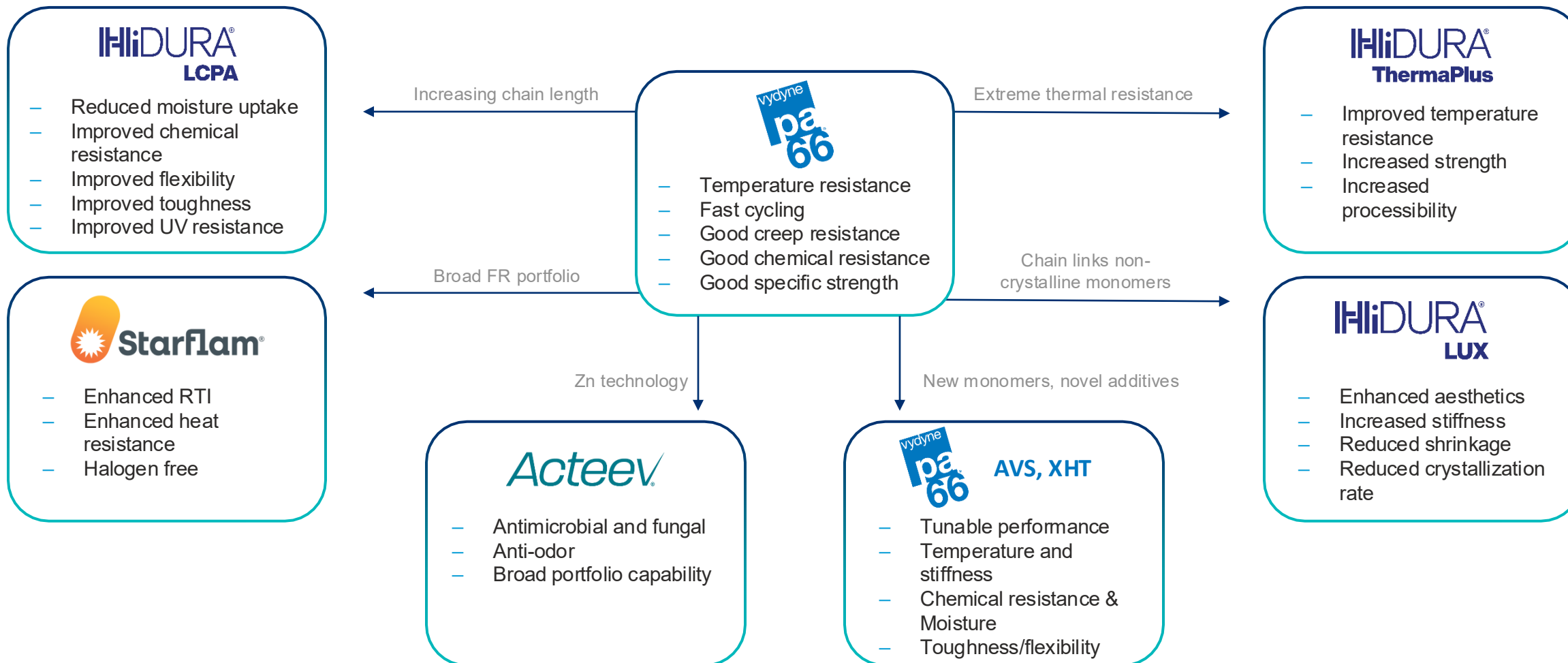


Global product and application experts



Innovation centers in the US, Asia and Europe

Dedicated to advancing polyamide solutions



Application development and technical support

Full material, process and simulation support

Years of industry experience and CAE support for tooling to help you optimize your system design.

Material knowledge and systems expertise to help you reduce material usage, improve cycle times and improve part performance.

Computer-aided engineering support

Design engineering

Mold flow analysis

Computational fluid dynamic

Finite element analysis

NVH testing

Thermal cycling simulation



Material, science and process support

Material properties

Thermal aging data

Part testing

Onsite molding trials



Strategic partnership in action

2023 Cadillac Lyriq AC
Compressor Bracket (EV)



Challenge

GM needed a solution for structural noise in their new electric vehicle. Current tools used to dampen NVH max out at around 300 Hz, but EV frequencies are 10x higher with no engine to mask the noise.



Engagement

Ascend's dedicated e-range team developed a new reactor chemistry and methods to validate FEA-predicted resonance, durability and maximum load. Using Computer-Aided Engineering (CAE), our team worked with GM to achieve best results.



Solution

The Vydine AVS platform was developed to dramatically dampen high-frequency EV vibration without adding weight or complexity.

80%

Reduction
audible noise to
occupant

90%

Reduction in
excitation at
bracket

\$\$

Weight reduction
and cost down vs
aluminum

Awards

Plastics Industry Ringier Technology
Innovation Award winner

SPE Automotive Innovation Awards
finalist

Strategic partner support

Gap analysis



Strategy & Roadmap

- ☒ Technology Review
- ☐ Next-gen Concepts
- ☐ Recommend Capability Partners
- ☐ Value Ideation Proposal
- ☐ Sustainability Target Alignment

Innovation

- ☐ Dedicated Technical Team Member
- ☐ Testing Resources
- ☐ Full CAE Support
- ☐ NPD Support
- ☐ Prototype Development

Scale




- ☐ Specify Materials
- ☐ Recommend Suppliers
- ☐ Part Testing
- ☐ Onsite Molding Trials

Service

- ☐ Senior Customer Support by Region
- ☐ Warehousing & Inventory Planning
- ☐ Forecasting

Aligning our sustainability strategy with our customer's roadmap



ASCEND STRATEGY	CUSTOMER ROADMAP ALIGNMENT
 <p>Transform <i>the worlds largest integrated PA66 resin chain to the</i> lowest carbon footprint</p>	<ul style="list-style-type: none">• <i>Path to continue reducing our overall carbon footprint to meet your sustainability goals</i>• <i>Avoid requalification or re-engineering with alternate solutions</i>
 <p>Expand <i>our broad engineering product portfolio with</i> recycled and biobased solutions</p>	<ul style="list-style-type: none">• <i>Future-proof compliance with emerging regulations like the European End of Life Vehicle Directive</i>• <i>Long-term, high-performance supply from Ascend's integrated feedstock</i>
 <p>Leverage <i>Ascend's unique carbon offsets with</i> strategic partners</p>	<ul style="list-style-type: none">• <i>Meet your sustainability goals faster by insetting Ascend's carbon offsets into what you are currently buying</i>• <i>Bridge gap while requalifying recycled materials</i>

Our sustainability journey



90%
GHG ↓

Ahead of goal to **reduce GHG emissions** by 90% by 2030



\$250M

Over \$250M investments to **reduce our operations footprint**



CO₂

All compounding sites are **carbon neutral**



Increased usage of **renewable energy** like solar at chemical sites



Implemented a **design for sustainability new product development** process

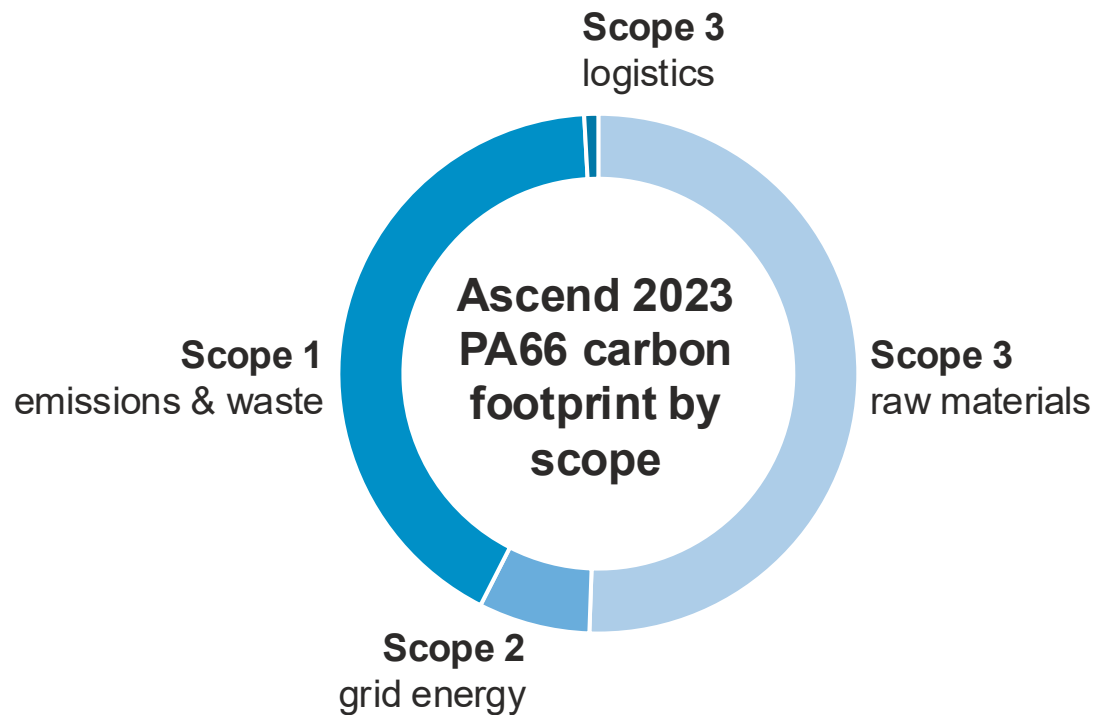


Purchased a carpet recycling facility for integrated long-term supply of reliable post-consumer recycled materials

We are aggressively attacking our PCF with a long-term strategy to lead the industry



Ascend uses a third-party to validate PCF



Key reduction initiatives:

Scope 1: emissions & waste

- Emissions abatement
- Energy efficiency
- Waste reductions

Scope 2: grid energy

- Renewable power
- 2030 goal of >90%

Scope 3: raw materials

- Pre- and post-consumer recycled polymer
- Bio-based raw materials
- Lower carbon feedstocks

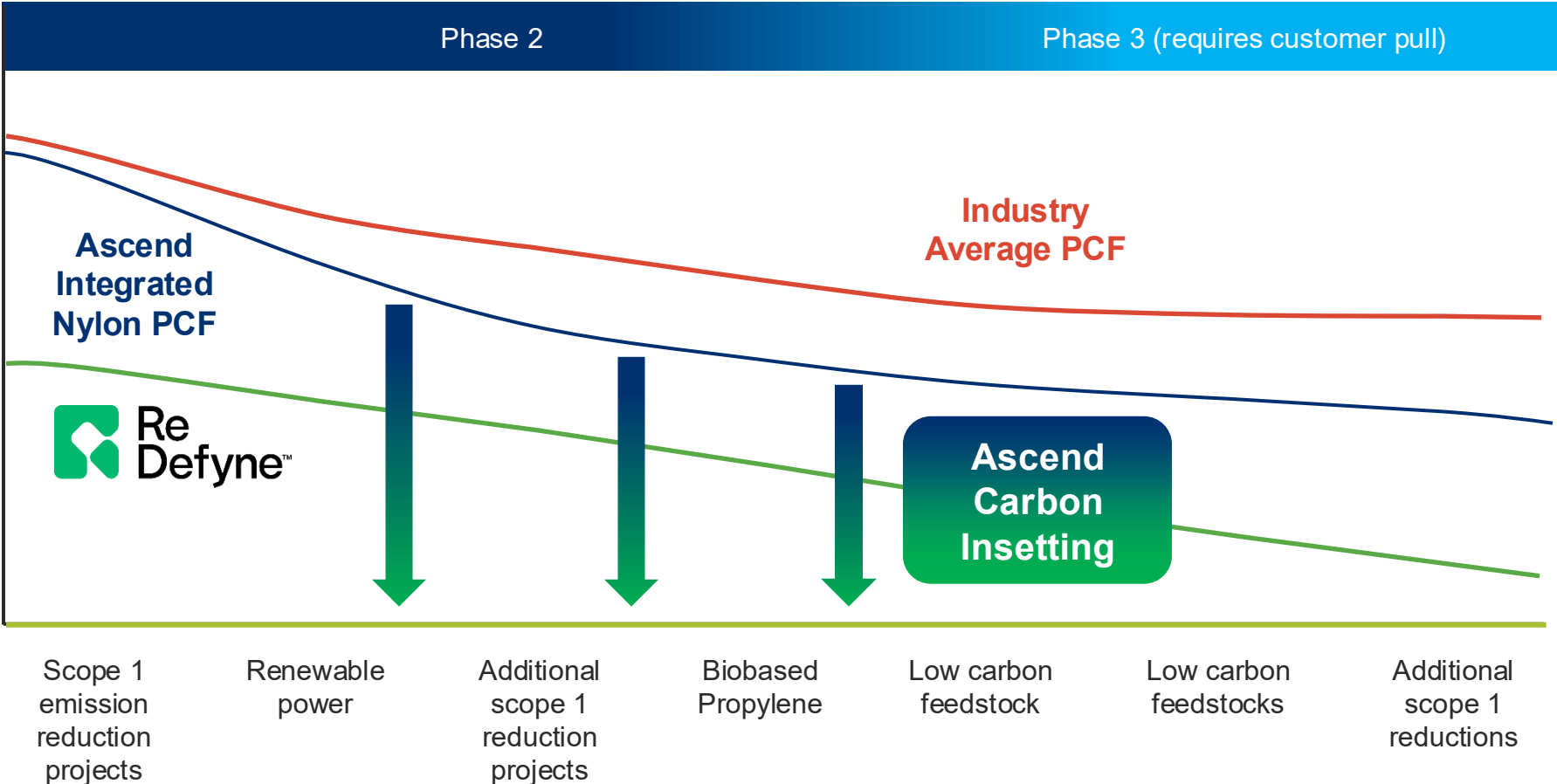
Scope 3: logistics

- Logistics & facilities optimization
- Packaging reduction

We are aggressively attacking our PCF with a long-term strategy to lead the industry













Ascend uses a third-party to validate PCF



Sustainable product solutions



		Low Carbon by insetting	
Description	Engineering polymer compounds with mechanically pre- and post-consumer recycled content	Engineering polymers with low carbon footprints via Ascend offsets	Engineering polymers made with mass balance and measurable bio-derived feedstocks
Benefit	Low carbon footprint driven by waste recovery/ circularity	Low supplier scope 3 carbon footprint without qualification or further testing	Circularity and slight reduction in carbon footprint by using fewer fossil fuels
Impact to product performance/specification	Some	None	None
Certifications applicable	 	 	
GHG reductions			

2030 Sustainability Vision



Safety is a priority for everyone

Ascend & contractors total recordable injury rate (TRIR)

0.19 ZERO

2030 VISION

Our operations support and are powered by renewable energy

Scope 2 emissions reductions (market based)

Scope 2 emissions reductions (market based)

44% > 90%

2030 VISION

Waste is reduced

Waste reduced from disposal

Year	Percentage
2010	33%
2030 VISION	40%

People grow professionally

Personal career development plan

40% 100%

2030 VISION

Employees in mentorships

Goal 50%

Employees in mentorships

Goal 50%

51%

OF SALARIED EMPLOYEES

Achieved

2030 VISION

The infographic features a blue background with a white dotted line at the bottom. A large white number '51' is followed by a percentage sign. Below the number, the text 'OF SALARIED EMPLOYEES' is written in white. To the left, the word 'Achieved' is written in a large, white, serif font. Above it, the text 'Employees in mentorships' is written in a smaller, white, sans-serif font. To the left of 'Achieved', the text 'Goal 50%' is written in a smaller, white, sans-serif font. At the bottom right, the text '2030 VISION' is written in a white, sans-serif font, with a small white dot above it.

Emissions are minimized*

Scope 1 emissions reduction

Category	Percentage
U.S. on the right path	76%
2030 VISION	90%

Our communities are supported

Employee participation in Ascend Cares

A horizontal bar chart with a blue background. A dotted line represents the 2030 vision target at 100%. A solid bar shows that 46% of respondents agree with the statement. The text '2030 VISION' is placed at the end of the dotted line.

Category	Percentage
Agree with statement	46%
2030 VISION	100%

Suppliers help meet our targets

Major supplier spend assessments complete

Category	Percentage
Current	90%
2030 VISION	95%

Water is used responsibly

Consumed water reduction

Goal 5%

Goal 5%

Achieved **13%**

2030 VISION

All charts display progress up to the end of 2024.
All 2030 Vision targets are against a 2018 baseline.

*In the interim, we intend to use the voluntary carbon market to monetize a portion of our greenhouse gas emissions reductions, allowing us to reinvest to further our sustainability goals.

Advancing sustainability. Together.



We are committed to reducing the environmental footprint of our products across the board and providing you sustainable solutions to meet your goals faster.

“

We are a company of problem solvers...Essentially, we set the future up as a challenge and work toward solving it piece by piece.

”



Phil McDivitt
President and CEO

As a strategic partner you can expect



Next-generation innovation

Our unique ability to tailor the polymer backbone gives you access to innovative solutions for even the most demanding challenges



Technical partnership

Our team of dedicated industry experts understand your challenges and get you to market faster with the right solution



Meaningful sustainable solutions

We are committed to reducing our environmental footprint and redefining sustainable performance



Global excellence, local service

We continue to expand our operations and technical service globally. As the world's largest fully-integrated PA66 resin producer, we offer world-class quality and reliability



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