



innovation day

scaling innovation, accelerating commercialization

September 17, 2026

opening video

forward-looking statements

This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. Ashland has identified some of these forward-looking statements with words such as “anticipates,” “believes,” “expects,” “estimates,” “is likely,” “predicts,” “projects,” “forecasts,” “objectives,” “may,” “will,” “should,” “plans” and “intends” and the negative of these words or other comparable terminology. Ashland may from time to time make forward-looking statements in its annual reports, quarterly reports and other filings with the U.S. Securities and Exchange Commission (SEC), news releases and other written and oral communications. These forward-looking statements are based on Ashland’s expectations and assumptions, as of the date such statements are made, regarding Ashland’s future operating performance, financial, operating cash flow and liquidity, as well as the economy and other future events or circumstances. These statements include but may not be limited to statements with respect to Ashland’s portfolio and manufacturing optimization activities; financial potential of Ashland’s innovation portfolio strategy and technology platforms; expectations regarding market demand and opportunities; and Ashland’s capital allocation strategy.

Ashland’s expectations and assumptions include, without limitation, internal forecasts and analyses of current and future market conditions and trends, management plans and strategies, operating efficiencies and economic conditions (such as prices, supply and demand, cost of raw materials, and the ability to recover raw-material cost increases through price increases), and risks and uncertainties associated with future events, including the following: the impact of acquisitions and/or divestitures Ashland has made or may make (including the possibility that Ashland may not realize the anticipated benefits from such transactions); Ashland’s ability to execute on, and expand, its product and technology platform offerings, capture market share and profitably sell such products; the performance of Ashland’s products and technology platforms relative to those of Ashland’s competitors; Ashland’s substantial indebtedness (including the possibility that such indebtedness and related restrictive covenants may adversely affect Ashland’s future cash flows, results of operations, financial condition and its ability to repay debt); severe weather, natural disasters, public-health crises, cyber events and legal proceedings and claims (including product recalls, environmental and asbestos matters); the effects of announced or future tariff increases; the ongoing Ukraine-Russia and Israel-Hamas conflicts on the geographies in which we operate, the end markets we serve and on our supply chain and customers, and without limitation, risks and uncertainties affecting Ashland that are described in Ashland’s most recent Form 10-K (including Item 1A Risk Factors) filed with the SEC, which is available on Ashland’s website at <http://investor.ashland.com> or on the SEC’s website at <http://www.sec.gov>. Various risks and uncertainties may cause actual results to differ materially from those stated, projected or implied by any forward-looking statements. Ashland believes its expectations and assumptions are reasonable, but there can be no assurance that the expectations reflected herein will be achieved. Unless legally required, Ashland undertakes no obligation to update any forward-looking statements made in this presentation whether as a result of new information, future events or otherwise.

Regulation G: Adjusted Results

The information presented herein regarding certain unaudited adjusted results does not conform to generally accepted accounting principles in the United States (U.S. GAAP) and should not be construed as an alternative to the reported results determined in accordance with U.S. GAAP. Ashland has included this non-GAAP information to assist in understanding the operating performance of the company and its reportable segments. The non-GAAP information provided may not be consistent with the methodologies used by other companies. All non-GAAP information has been reconciled with reported U.S. GAAP results under Appendix B: Non-GAAP Reconciliation of this presentation.

agenda

9:00 am

welcome and innovation recap

Guillermo Novo | Chair & CEO

9:45 am

specialty additives

Dago Caceres | SVP & GM

Ling Li | Sr. Director R&D

9:05 am

advancing our technology platforms

Guillermo Novo | Chair & CEO

Osama Musa | SVP & CTO

10:00 am

growth & portfolio expansion potential

William Whitaker | SVP & CFO

9:15 am

personal care

Jim Minicucci | SVP & GM

Galder Cristobal | Sr. Director R&D

10:15 am

closing remarks

Guillermo Novo | Chair & CEO

9:30 am

life sciences

Alessandra Faccin | SVP & GM

Sean McMahon | Dir. Injectables & Bioprocessing

Kapish Karan | Dir. R&D OSD

10:20 am

Q&A session

today's presenters

enterprise



Guillermo Novo
Chair & CEO



William Whitaker
SVP & CFO



Dr. Osama Musa
SVP & CTO

personal care



Jim Minicucci
SVP & GM



Galder Cristobal
Senior Director R&D

life sciences



Alessandra Faccin
SVP & GM



Sean McMahon
Director Injectables &
Bioprocessing



Kapish Karan
Director R&D OSD

specialty additives



Dago Caceres
SVP & GM



Ling Li
Senior Director R&D

welcome & innovation recap



welcome to our 2026 innovation update

advancing the technology, expanding customer collaborations,
and expanding commercialization

1

tangible progress clear performance drivers and value proposition

2

customer collaboration customer commitment and engagement

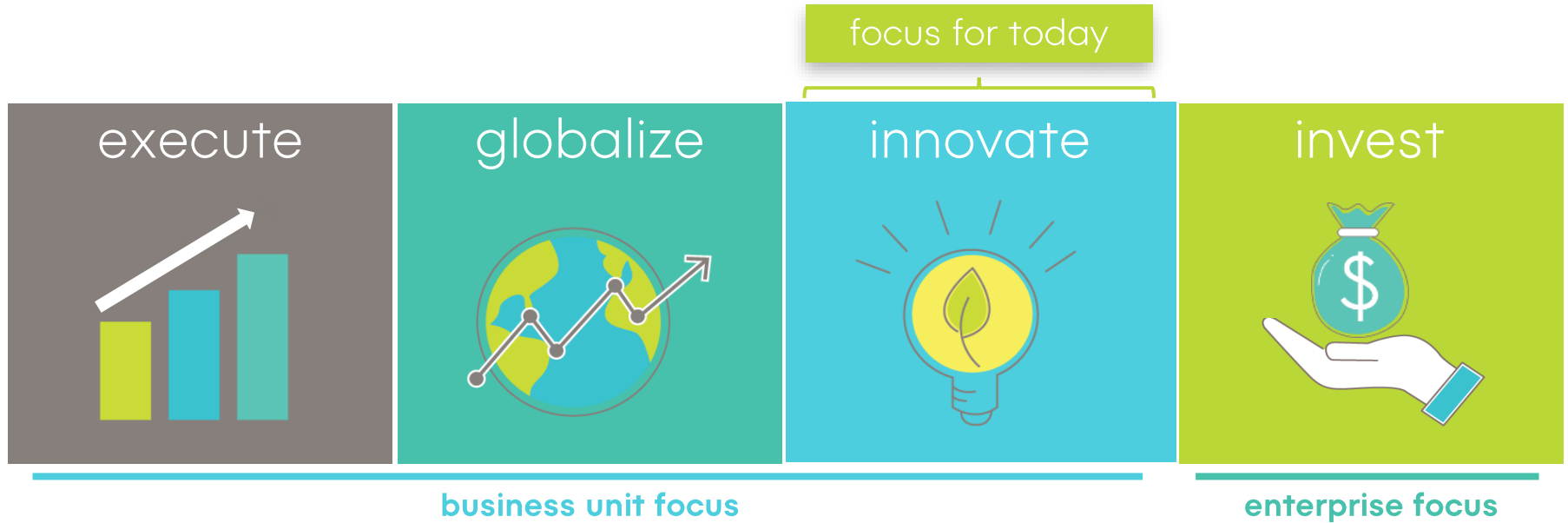
3

advancing commercialization commercial launches and customer commitments

4

scalable impact large markets, multiple markets

our strategic priorities - innovation at the forefront

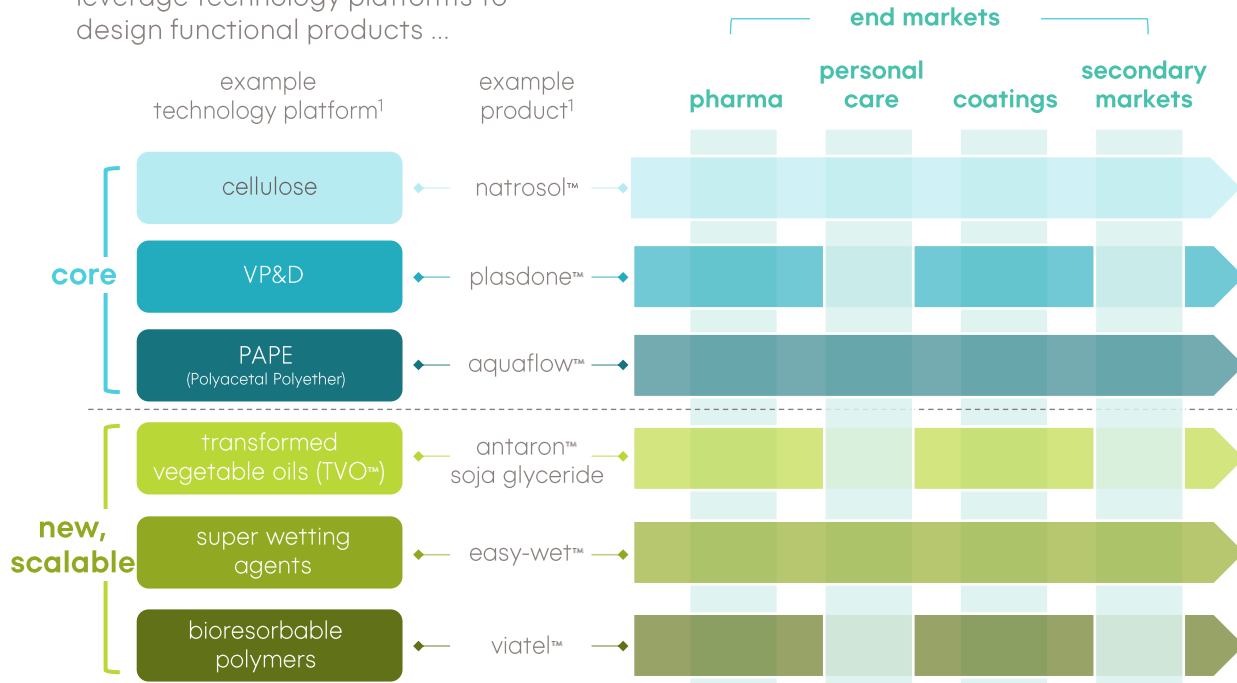


sustainably shaping and growing the portfolio

expanding our toolbox to drive growth

platform model to build 'scale'

leverage technology platforms to
design functional products ...

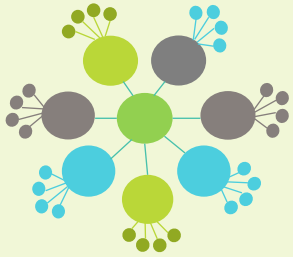


revitalizing our portfolio

- differentiated
- relevant value propositions
- scalable
- tunable
- sustainable

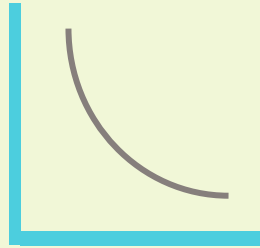
innovate: roadmap to sustainable material transition

performance



technology performance
& breadth

cost



economies
of scale

sustainability



sustainability profile
& relevance

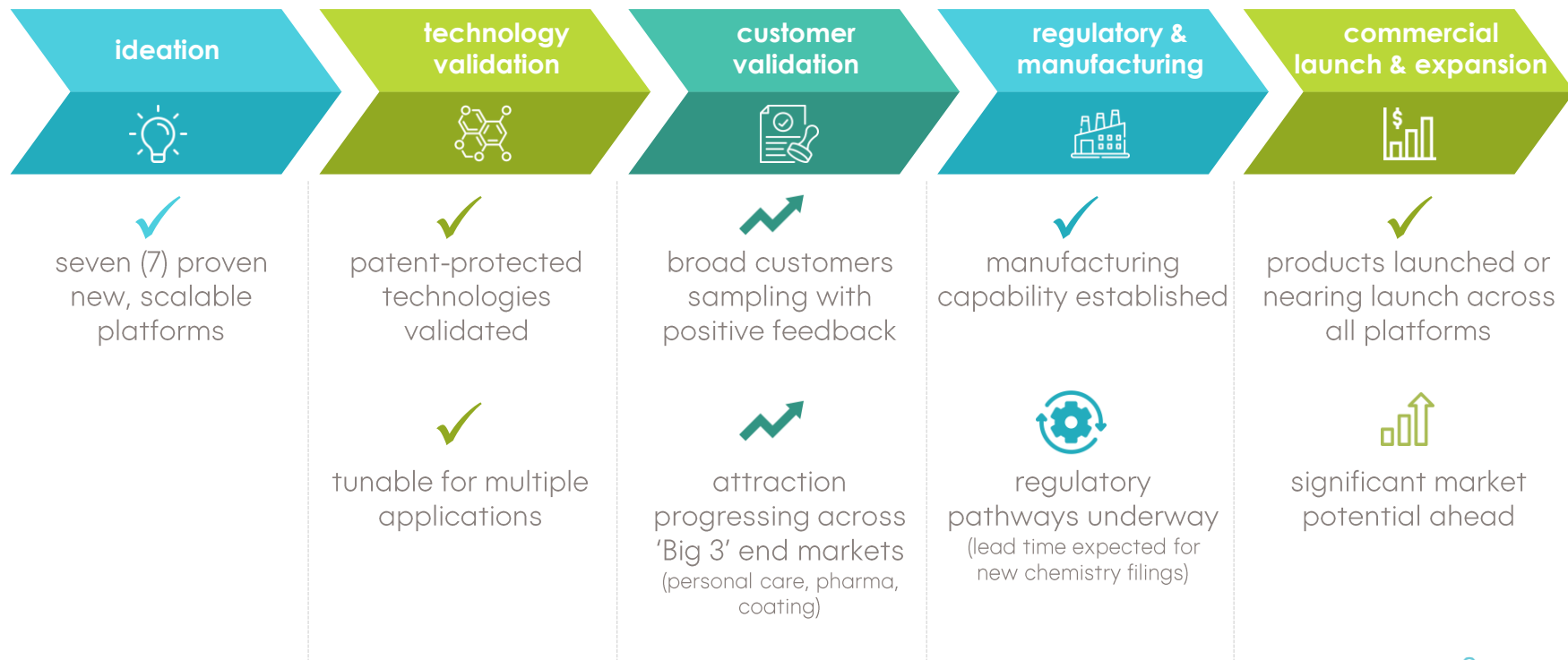
collaboration



partnership to drive
development & investment

scaling new sustainable technology platforms

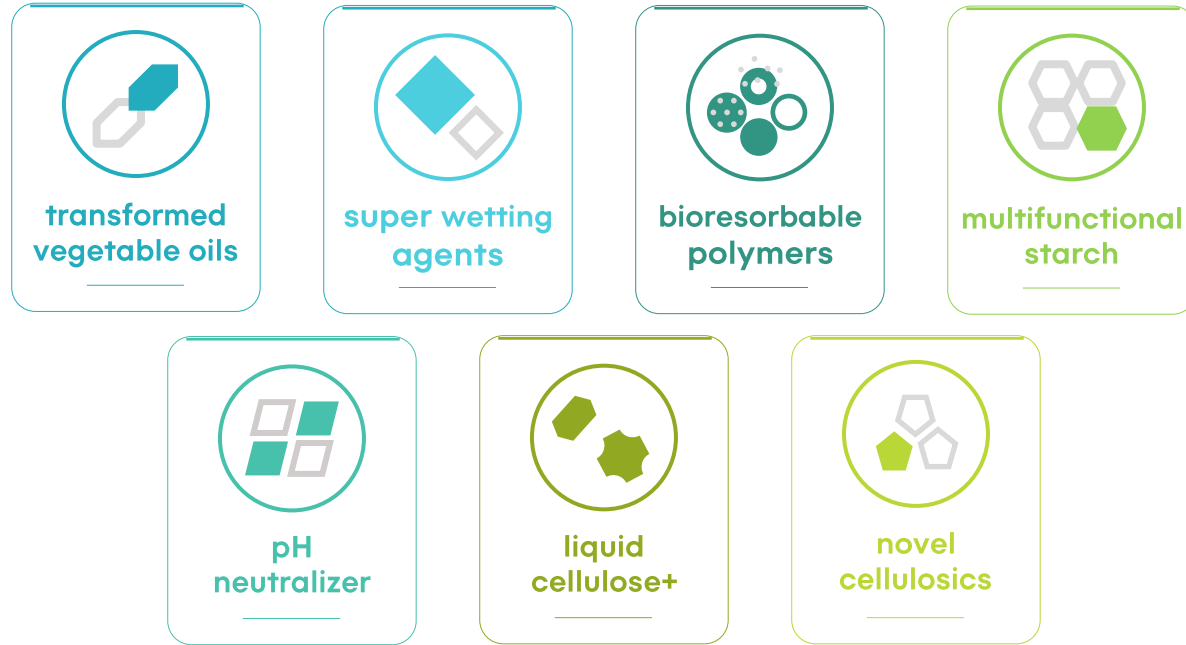
technology platforms accelerating commercialization





advancing our technology platforms

scalable technology platforms



execution

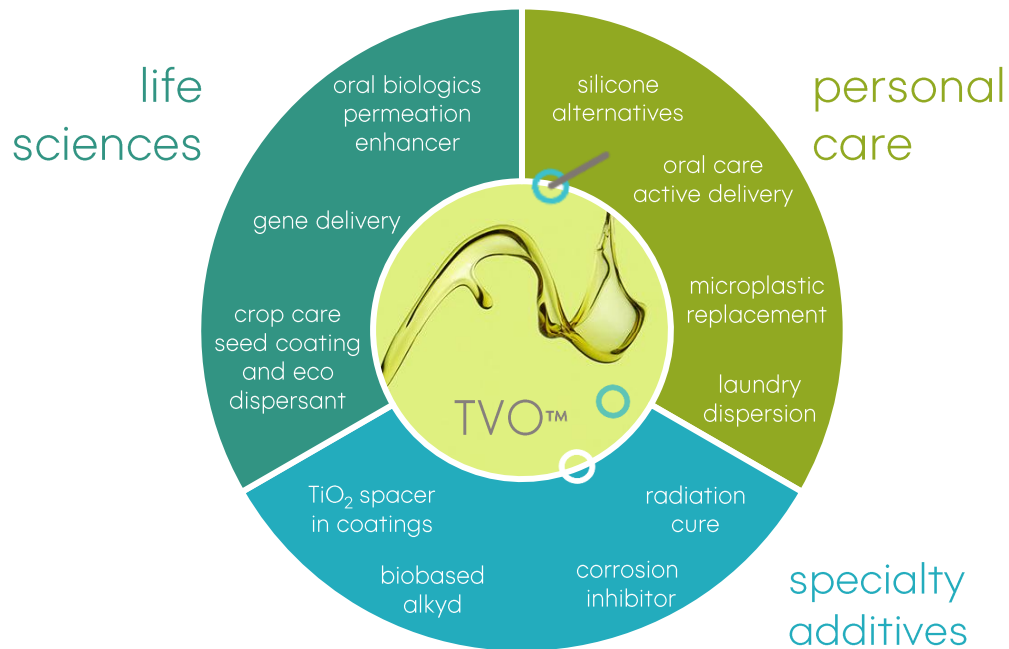
- strong customer engagement
- positive beta-site validation
- commercialized scalable technologies

commercial

	22	product launches
	11	since May 2025
	52	patents filed to date

seven scalable technology platforms delivering differentiated solutions across multiple markets

transformed vegetable oil (TVO™) platform



technology

- filed 33 patents



manufacturing

- developed green process with 100% yield, no solvent, no catalyst, no waste



commercial

- launched 6 new products
- expanded regulatory approvals to US / EU / China
- sampled >100 customers

mature, scalable platform technology with broad applications across multiple markets

multifunctional starch in personal care



renewable & plant derived

sourced from abundant, renewable feedstocks



multifunctional performance

delivers thickening, film forming, stability, and sensory benefits



formulary flexibility

effective across a wide range of pH, ionic conditions, and systems



sustainable by design

biodegradable, eco-friendly, and supports reduced environmental impact



technology

- o filed 2 patents



manufacturing

- o completed first production scale up



commercial

- o launching in skin care in 2026
- o launching in hair care in 2027
- o received customer orders
- o achieved global regulatory clearance

high performing, nature-derived suspending polymer for diverse personal care applications

super wetting agents



technology

- filed 7 patents for multiple markets



manufacturing

- engineered green process with 100% yield, no solvent, no catalyst, no waste



commercial

- launched 7 commercial products
- developed high-value customer relationships



coatings



crop care



bioprocessing



hair care



oral care



scaling commercial adoptions across markets

upcycling sugarcane bagasse

the world produces roughly 700 million metric tons of bagasse each year

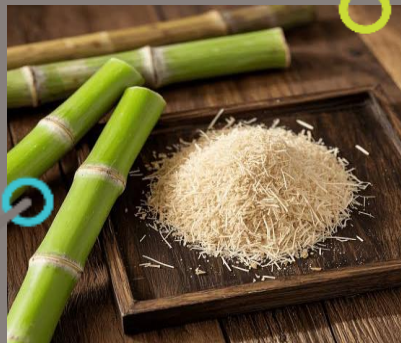
uses

- energy cogeneration at sugar mills
- paper, packaging, tableware, building materials
- animal feed
- unused, goes to waste



cost advantage to upcycle waste?

10-30% of bagasse (70-210 million tons)
goes unused and goes to waste
(rotting - produces methane, open air-field
burning – air pollution)



diversified regional sources

- Brazil (largest producer)
- India & China (large producers)
- Americas and Asia-Pacific

new cellulosic raw material

>50% ↓

cost reduction (\$/kg)

bagasse vs
traditional cellulosic raw
materials (wood & cotton)

novel categories based bagasse

- | | | |
|-------|------|--------|
| • HEC | • MC | • HPC |
| • CMC | • EC | • HPMC |

innovation is within the transformation

from sugarcane bagasse to new-to-the-world materials

1 **unlock** sugarcane bagasse potential



converting sugarcane bagasse into valuable polysaccharide-rich materials

2 **transform** consistent building blocks



purifying and transforming bagasse-derived biomass into reliable, scalable, materials

3 **engineer** new-to-the-world performance



engineering high-performance film formers and rheology modifiers



4 patent applications filed



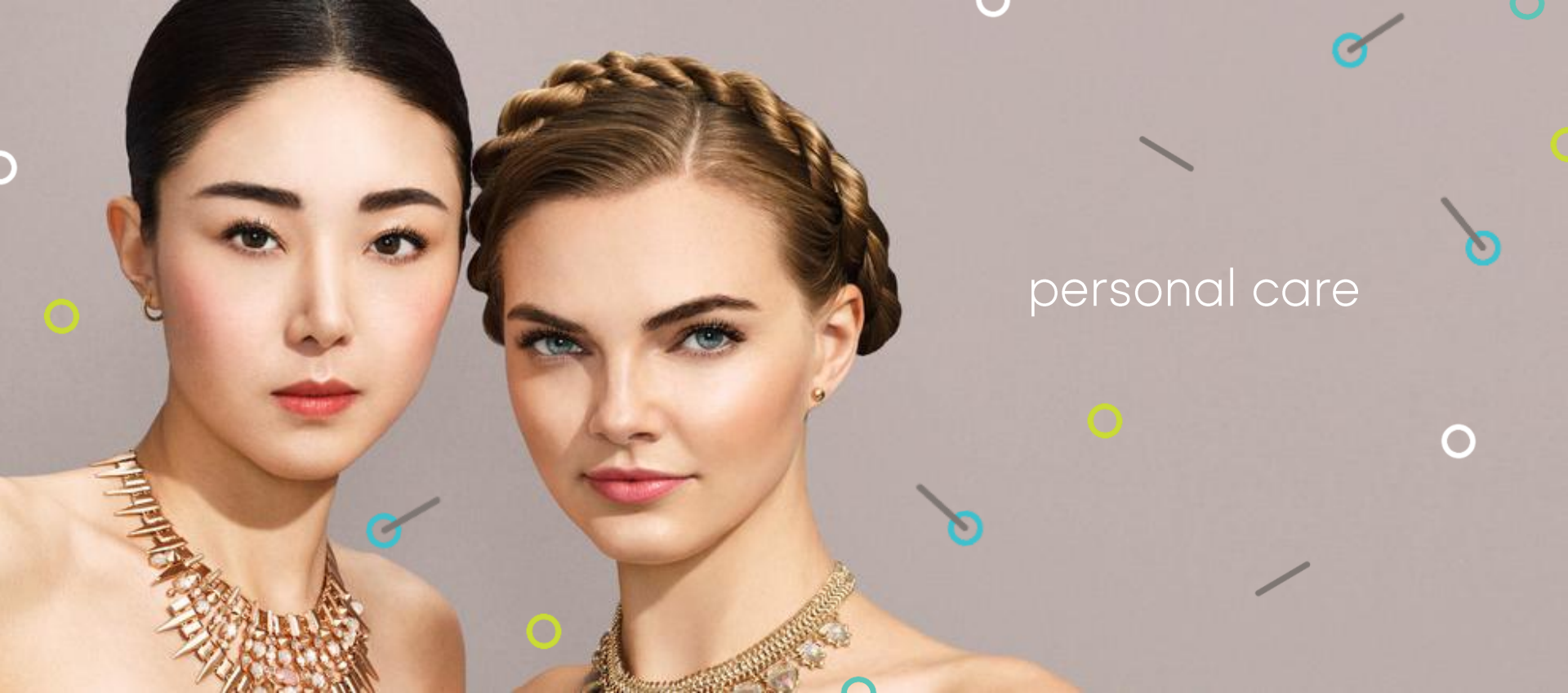
nature-derived thickeners & film formers



tunable hydrophilic-hydrophobic properties



existing manufacturing assets



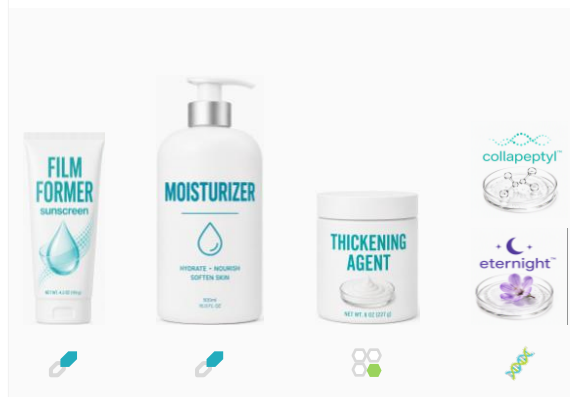
personal care

industry-leading innovation portfolio

select examples

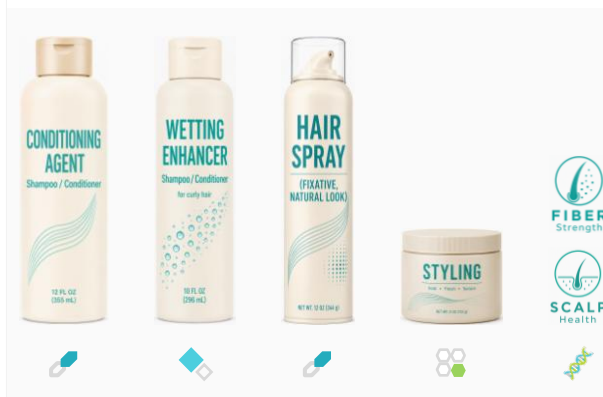
skin

protect | stabilize | renew



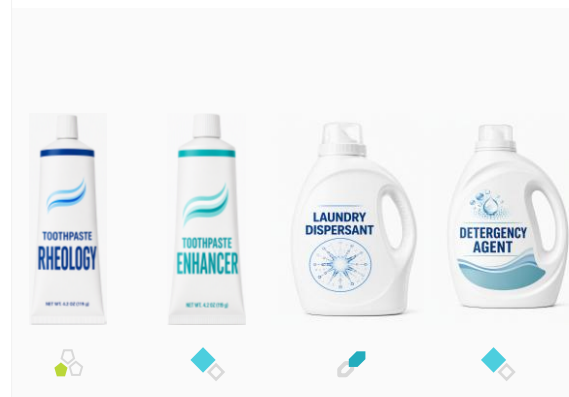
hair

condition | style | treat



oral | home

clean | disperse | boost



breakthrough,
scalable platforms



transformed
vegetable oils
(TVO™)



multifunctional
starch



novel
cellulotics



super
wetting agents



biofunctional
actives

scalable, innovative technology opportunities

	trends	market potential ¹	status
 transformed vegetable oils silkhance™ TVO™ for hair conditioning	effortless detangling synthetic-free healthy, shiny hair	\$850M 2-3% CAGR	consumer testing
 multifunctional starch stabileze™ s for skin rheology	innovative textures powdery elegance clean beauty	\$300M 2-3% CAGR	launching commercially

silkhance™ TVO™: next-generation in hair conditioning agents

conditioning agents

- o \$850M addressable market (silicones)
- o deliver lubricity during & after treatment
- o soften, smooth, & tame hair fibers

silkhance™ TVO™ differentiation

- o breakthrough molecular design that *does what silicones do & more*
- o buildup-free, frizz *control* that lasts, even under high humidity
- o provides easier *styling* (added benefit)
- o biodegradable, natural, *drop-in solution*

Ashland innovative solutions

rigorously tested – delivering superior conditioning



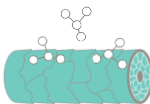
molecule



application



post-application
(added benefits)



- ✓ amine-functionalized
- ✓ true deposition



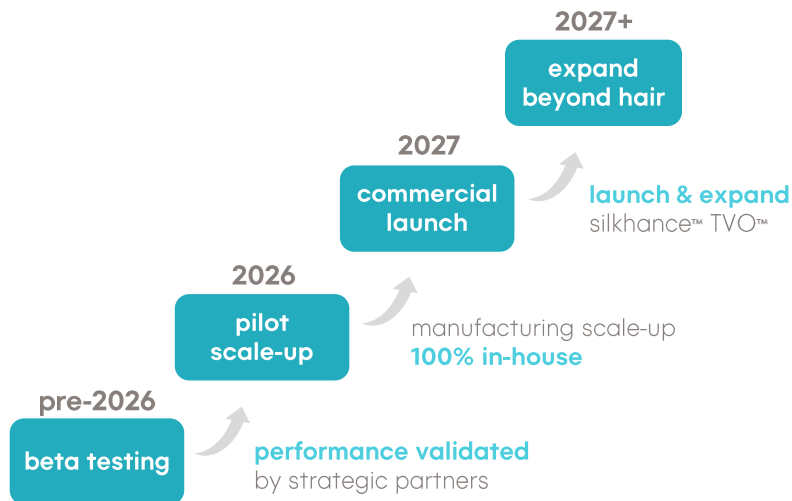
- ✓ lubricity
- ✓ smooth feel



- + scalp health
- + styling property

silkhance™ TVO™: next-generation in hair conditioning agents

technology development progress



customers & commercialization

\$30-150M

step-change commercial opportunities per market leading customer¹

FY27 

launch silkhance™ TVO™ & incorporate into customer brand rollouts

IP | regulatory 

patent filed. INCI name & CAS number confirmed

>\$400M

market expansion beyond hair care into skin care, color cosmetics & antiperspirant / deodorant¹

stabileze™ S: superior thickening agents [multifunctional starch]

skin leave-on rheology agents

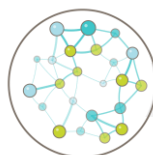
- o \$300M attractive market expansion¹
- o multifunctional: thickening + stabilization
- o viscosity control, spread, & texture

stabileze™ S differentiation

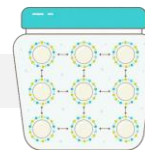
- o versatile thickening like acrylates, plus superior sensory feel
- o cold-processable, easy to formulate
- o proprietary starch chemistry
- o naturally-derived, non-microplastic

Ashland innovative solutions

mode of action delivering superior performance



crosslinked
starch network



stabilization &
suspension



luxurious
feel



serum



lotion



butter

from light to luxe with one ingredient

<2,000

viscosity (cps)

>500,000

stabileze™ S: superior thickening agents [multifunctional starch]

technology development progress



- patent-protected platform
- global regulatory clearance
- market-ready solution

customers & commercialization

150+

customers beta sampled with performance differentiation confirmed



industrial production in place with US tolling partner

CY26

on-track for **commercial launch** with first commercial PO received

>\$100M

expand beyond skin **into hair styling**; positive initial customer feedback¹

key takeaways



transformed
vegetable oils

hair conditioning

breakthrough product launching in 2027 with fully scalable in-house production

\$850M expansion opportunity in currently served hair segment¹



multifunctional
starch

skin rheology

2026 launch delivers **unmatched versatility** & sensory experience

scaling in hair care with proven performance in hair styling applications

additional technology platform advancements



transformed vegetable oils (TVO™)

- o broadest project pipeline across personal care segments
- o **new hair spray fixative** opportunity launching FY27



super wetting agents

- o platform validated in **hair** care wetting applications
- o **oral & home** care market expansions



biofunctional actives

- o rapid customer adoption of **collapeptyl™ & eternight™** globally
- o advancing longevity and hybrid molecule platforms



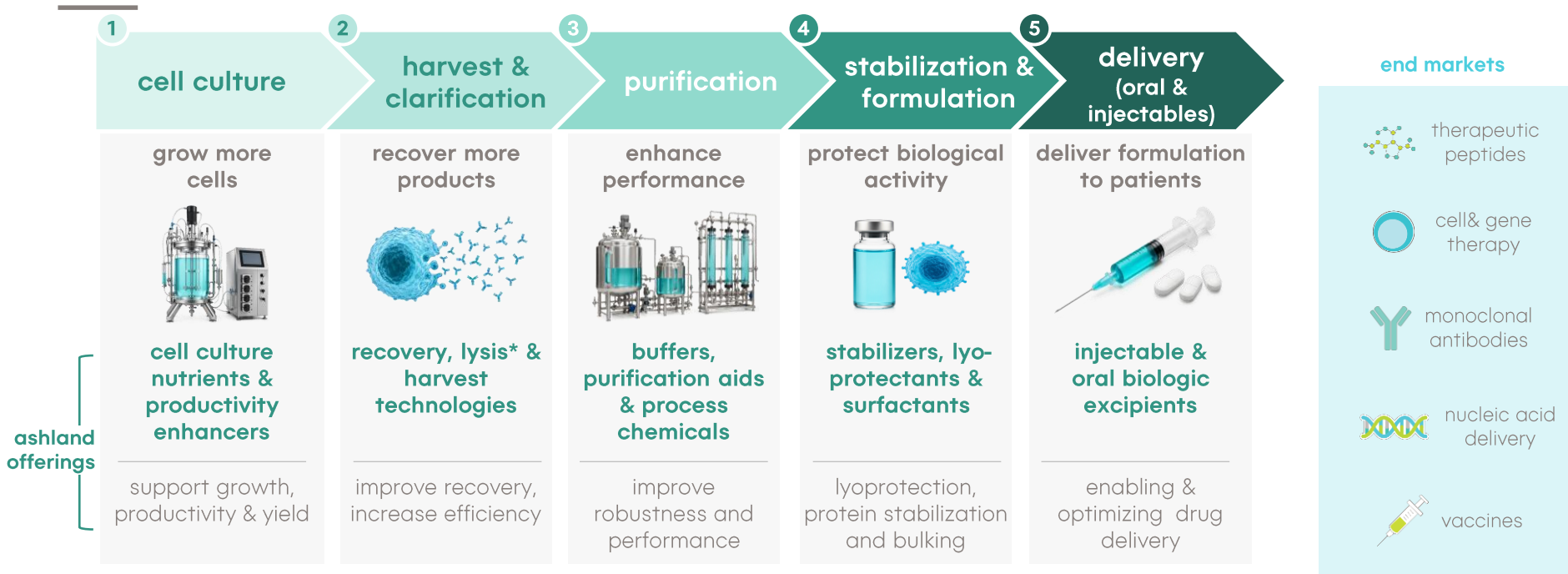
life sciences

scalable, innovative technology opportunities

	trends	market potential ¹	traction
 pharma bioprocessing	biologic drugs capacity (proteins, peptides, cell & gene therapies)	\$600M 10%+ CAGR	launches manufacturing readiness sales pipeline & customer adoption
 injectable drug delivery	strong injectable API pipeline	\$750M 7% CAGR	
 oral biologics & GLP-1 delivery	diabetes and weight loss management	\$270M 20-35% CAGR (12% 15-Yr)	

builds on strengths in oral solids and injectables to access an additional \$1.6B high-growth biologics market

differentiated solutions along the biologic journey



differentiation with proprietary technologies | scalable platforms | commercial traction



bioprocessing: purification-led growth platform

large growing market

>\$5B
global market¹

10%+
CAGR

\$600M

Ashland solutions address

growth drivers

- rising biologics & biosimilars
- cell & gene therapies
- higher purity & regulatory rigor
- supply chain & regional manufacturing

ashland purification platform

purification center of excellence (CoE)



Columbus,
Ohio



located in the world's
largest bioprocessing
market



proven purification
infrastructure &
expertise



supports N. American
& European
customers with a
reliable supply



enables faster
qualification &
commercial scale-up

progress & traction

stated strategy (2025)

product
development

purification-led
strategy Columbus

route-to-market

new growth area

accomplishments (2026)

✓ +2 vialose™
launches + pipeline

✓ CoE #1
bioprocessing
market

✓ global channel
network

✓ \$1M+ in sales

injectables: long-acting, biologics and advanced therapies

high-growth injectable markets

- long-acting injectables (LAI's)
- biologics & advanced therapies
- cell & gene therapy carriers

value we deliver

- **extended-release** formulations
- solubility & **stabilization** of biologics
- best-in-class **purity**
- faster development & approval
- strategic **manufacturing footprint**

market entry strategy

2027



advanced drug delivery



innovation driven

2026



dermal fillers & devices



volume expansion

2022



stabilizers & solubilizers



biologics driven growth

2018



long-acting injectables



large pipeline converting to sales

N. America & Europe

access to the largest injectable & bioprocessing markets

Ireland & USA

strategically expanded manufacturing footprint

comprehensive enabling solutions for injectables

traction in high-purity injectables

customers & commercialization

7



high-purity commercial
launches 2022-26

>\$100M



commercial
opportunity
pipeline

+400%



sales **growth**
in last 5 years with
attractive margin

expansions +

new launches,
expanded facilities &
growing applications

bioresorbable polymer platform (sub-part of injectables)

stated strategy (2025)

200 customer programs¹

top pharma companies

game-changers
(\$2.5–\$20M / program)

accomplishments (2026)

✓ drugs going to market

✓ multiple \$1M+ orders

✓ first \$5M order from a
single program

Ashland advantage



proprietary
purification
technologies



dual-sites
manufacturing
(Europe & N. America)



long-acting
injectable
portfolio

differentiated high-purity business delivering strong margins, commercial traction and future growth

oral biologics & GLP-1

attractive market opportunities

>\$100B



diabetes &
weight-loss
market (2030)¹

RYBELSUS®

wegovy®

"in a pill"
oral GLP-1
emergence

>70%



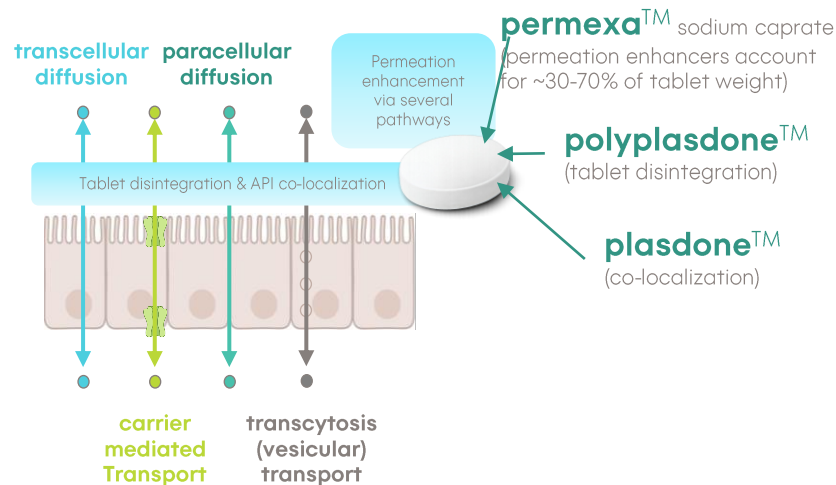
customer projects
in **early stage**
pre-formulation

unmet customers needs

- patient adherence & comfort
- maximize bioavailability of large molecules
- improved tablet processing, formulation & stability

Ashland innovative solutions

permeation enhancers & co-localization excipients for improved bioavailability and efficient material handling



Ashland VP&D chemistries provide more synergy with permeation enhancers and peptides than cellulosic chemistries

oral biologics & GLP-1 commercialization

technology development progress



permexa™ sodium caprate*

customer feedback & commercialization

40+



top-tier pharma company
sample requests
(pre-launch)

FY26



permexa™ sodium caprate
launch and start supply
of commercial GMP
volume

FDA



first oral peptide with
sodium caprate
approved July 2026

\$2-30M

game changer
opportunities at maturity,
anchored in disease areas
with large patient
populations

building the leading excipients franchise for oral biologics and GLP-1 delivery

key takeaways



**pharma
bioprocessing**

scalable growth platform delivering first \$1M+ sales in 2026
Columbus (USA) center of excellence for purification



**injectable
drug delivery**

>\$100M sales pipeline | strong margin | fast growing sales
7 launches | +2 large facility expansions | purification know-how



**oral biologics &
GLP-1 delivery**

launch of permexa™ permeation enhancer with **>40 companies engaged**
VP&D technologies in multiple GLP-1 formulations

Life Sciences is advancing innovation and delivering growth across the biologics value chain

specialty additives



scalable, innovative technology opportunities

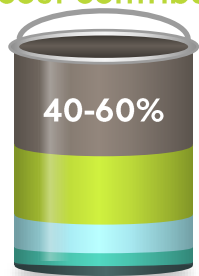
	trends	market potential ¹
 TVO™ TiO₂ spacer for paint	• breakthrough hiding performance • step change cost reduction	\$1B 2-3% CAGR
 TVO™ for radiation cure coatings	• radiation cure technology • door opener to new applications	\$400M 7-8% CAGR



TVO™ TiO₂ spacer for premium paints

attractive market opportunities

cost contribution



- TiO₂
- binder
- additives
- fillers
- water

Titanium dioxide (TiO₂) is the biggest cost lever in premium paints

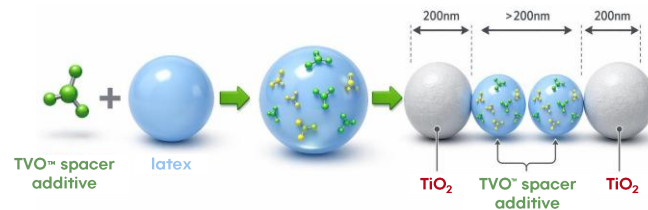
- \$5.3B addressable market (high- & semi-gloss/eggshell)¹
- > 50% carbon footprint contribution

unmet customer needs

- premium, one coat hiding at significantly lower cost
- highly flexible and robust novel chemistry that beats incumbents

Ashland innovative solutions

TVO™ TiO₂ spacer enables the spacing of TiO₂ and improves the hiding efficiency



TVO™ TiO₂ spacer enables tuning a broad variety of binder chemistries

example: U.S. semigloss paint is ~16 wt% TiO₂ and contributes **46% paint cost** and **54% carbon footprint**

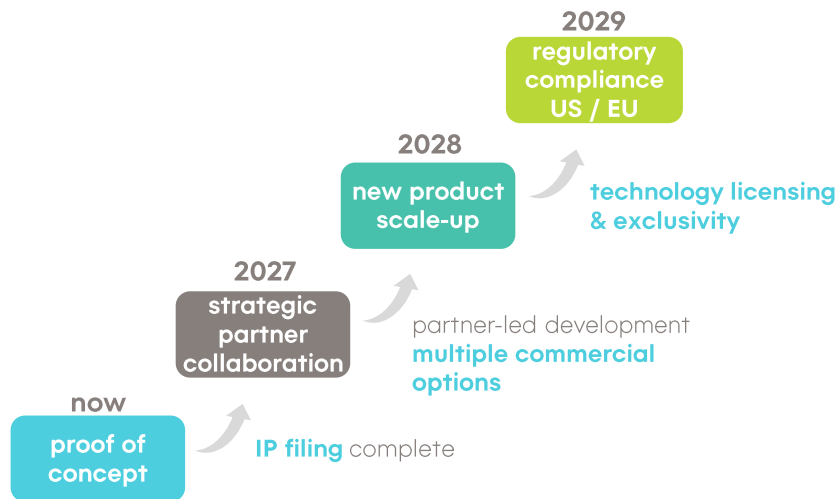
TVO™ TiO₂ spacer reduces 20% TiO₂ in semigloss paint

- formulation cost reduction ~10%
- carbon footprint reduction ~12%



TVO™ TiO₂ spacer commercialization

technology development progress



customer feedback & commercialization

affordable one-coat hide

higher coverage with fewer coats, reducing labor costs

10+

regional and global **partners** with strong pull; provides scale and diversification

IP

two (2) **patents** filed covering composition, application & formulation

>\$1B

market expansion **beyond core coating** additives business¹



TVO™ radiation cure for coatings

attractive market opportunities

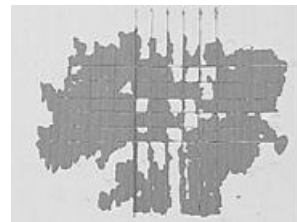
- one tunable chemistry unlocks multiple high-growth radiation-cure segments
- priority applications EV battery and coil coatings (addressable market > \$400M)¹

unmet customer needs

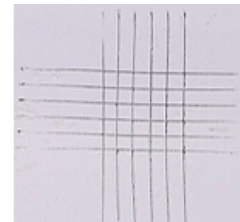
- fast cure and strong metal adhesion combined with added-value performance benefits
- durable and robust coating performance under harsh exposure

Ashland innovative solutions

delivers stronger adhesion and gloss retention



competitor bio-based aluminum panel



Ashland bio-based TVO™ aluminum panel

gloss after UV

gloss 67%

retention **74%**

competitor bio-based

gloss 85%

retention **94%**

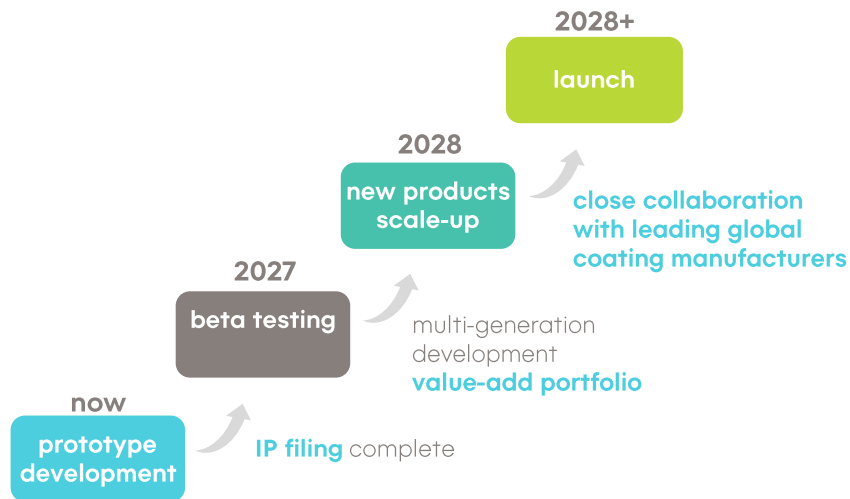
Ashland bio-based TVO™

+ 20-point higher gloss retention
after 15 weeks (2500 hours) UV exposure



TVO™ radiation cure commercialization

technology development progress



customer feedback & commercialization

>\$400M

new addressable market in radiation cure coatings¹



global market leaders
actively engaged



IP
patent filed covering composition of matter and application

2028+

launch **with leading coating** manufacturers across Asia, EU and US

key takeaways



TVO™ TiO₂ spacer for paint

- deliver affordable, superior performance
- >\$1B addressable market¹



TVO™ for industrial coatings

- radiation cure technology opening doors to high-performance
- \$400M metal coatings addressable market¹

momentum - additional technology platforms commercial launches



pH neutralizer

- first novel chemistry since late nineties
- 2 products launched



liquid cellulose⁺

- eliminates 30-50% cellulose handling cost
- 3 products launched



superwetting agents

- strong regulatory drive creates market pull
- 5 products launched

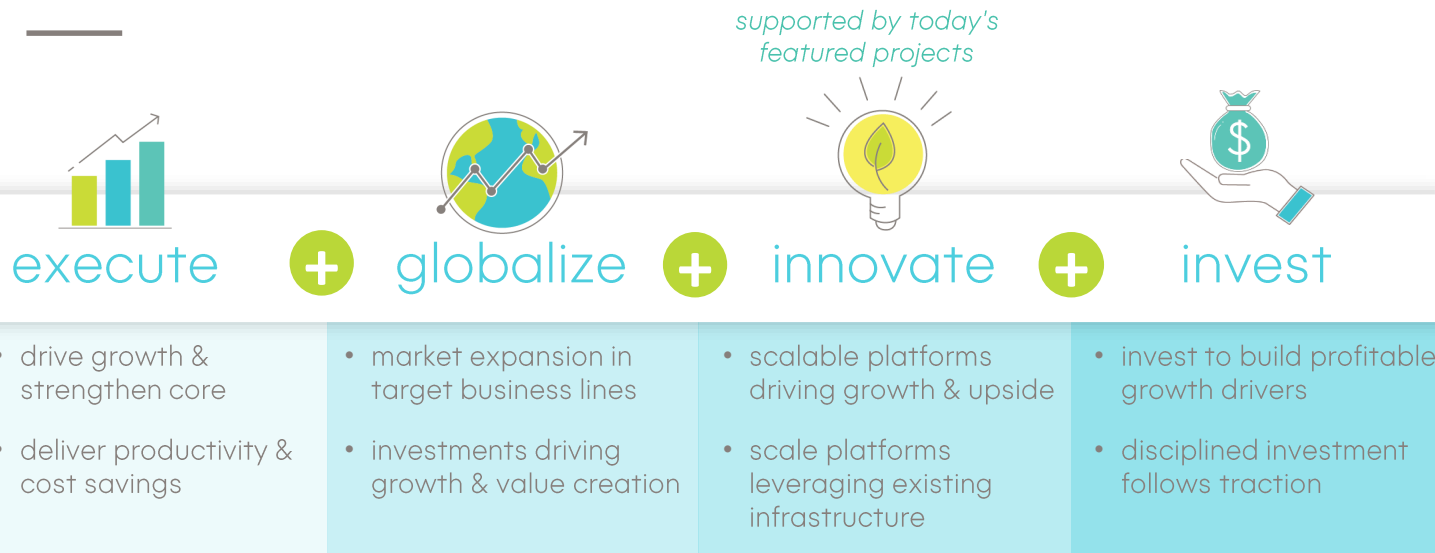




growth & portfolio
expansion potential



multiple levers to deliver financial targets



creating value through multiple levers | advancing the growth ambition

long-term financial targets

+200 - 300 bps

above market growth

>25%

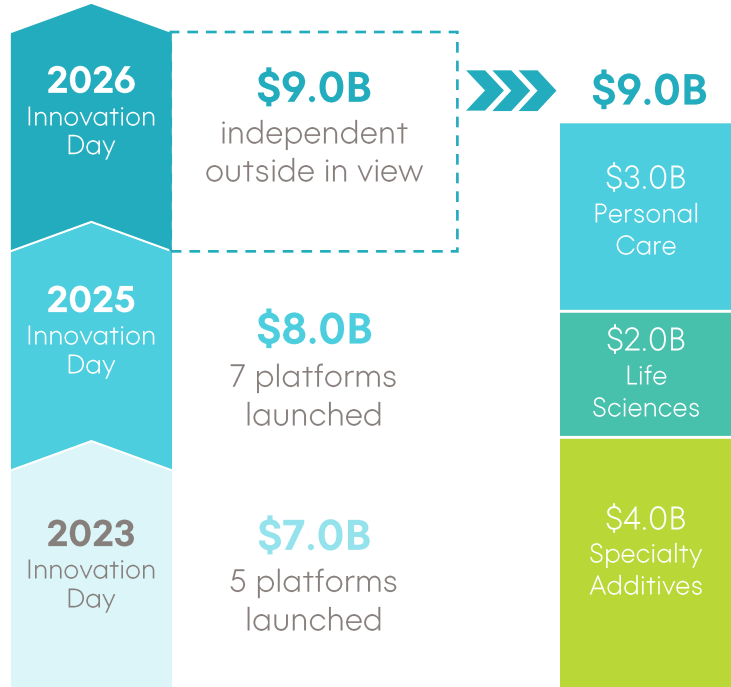
adj. EBITDA

>50%

FCF conversion¹

expanding innovation portfolio in large, growing markets

growing market opportunity



innovation portfolio

balanced

across three businesses

7

scalable, innovative platforms

40+

innovation projects

validation through an independent market research firm with 150+ expert interview inputs

①

solves important, **unmet customer needs**

②

large, attractive and growing markets

③

validated upside versus current plan

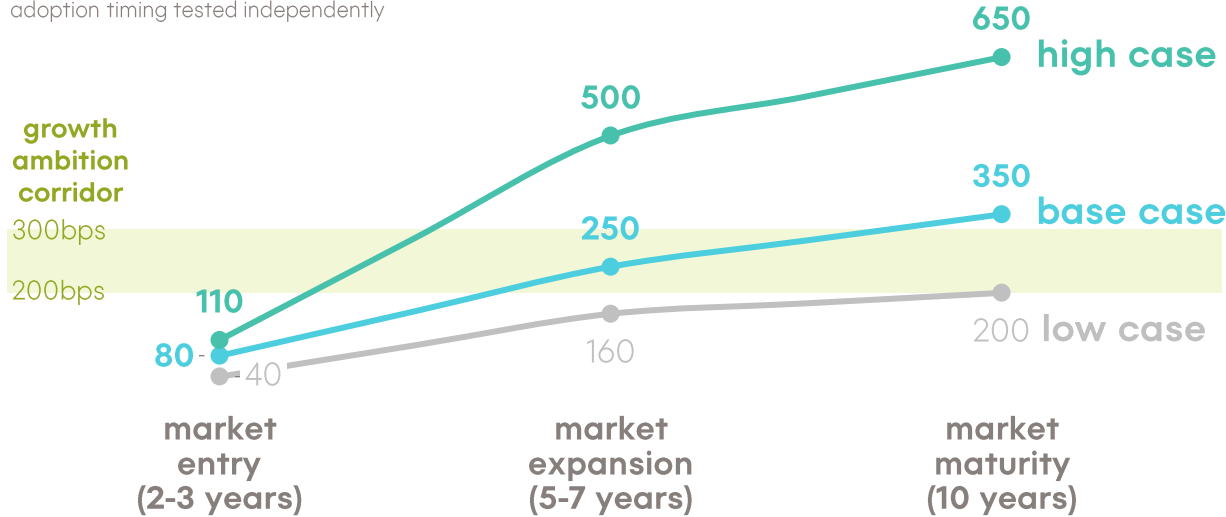
④

additional opportunity beyond current plan

the ambition: 200 to 300 bps of incremental growth

incremental growth (bps) above market growth today

adoption timing tested independently



- **base case** enters the corridor by market expansion
- **high case** exceeds corridor by market expansion
- **low case** reaches the floor at market maturity



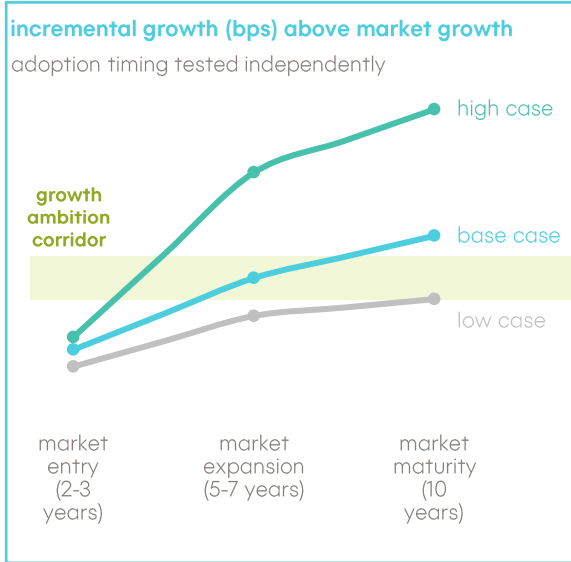
**~10 – 20%
share at maturity**
(base case – high case)



**~\$900M – \$1,800M
revenue potential**

**growth compounds over time as customer wins and reformulation cycles scale adoption
with step change potential at large customers**

multiple pathways to achieve the growth ambition



achieving growth ambition corridor

\$200-300M (5 yrs)
\$400-600M (10 yrs)

growth pathways

description

1 diversified portfolio delivery

- growth corridor is achieved through broad execution across the portfolio

2 breakout commercial success

- select scalable projects create outsized value through breakout adoption

3 sustained adoption

- continued adoption and market maturation support growth ambition over time

4 expanded commercial potential

- technologies expand into applications beyond original commercialization plans

diversified innovation portfolio provides multiple pathways to achieve the growth ambition

existing infrastructure enables scalable, capital-efficient growth

existing infrastructure in place



investment triggers



technology

- scalable platforms
- 52 patents and platform technologies
- platforms support multiple growth opportunities



technical qualification and customer validation

manufacturing assets

- existing capacity at key sites to support initial volumes
- capital required to deliver the market expansion base case fits within our FCF conversion target
- expansion capital (brownfield) below greenfield investment



demand exceeds installed capacity

channels to market

- existing customer relationships
- established routes to market
- existing customer access accelerates commercialization



adoption accelerates across customers

existing capabilities and customer channels support scalable, incremental growth

key takeaways

-  **validated market** → diverse innovation portfolio addressing a validated \$9.0B opportunity
-  **growth ambition** → 200 - 300 bps above market; significant value creation beyond the base case
-  **multiple pathways** → diversified delivery, breakout success, sustained adoption, expanded potential
-  **disciplined investment** → investment follows validation, adoption and demand
-  **capital efficient** → existing infrastructure supports capital efficient scaling



closing remarks

chemical industry is facing a structural reset

Ashland is well positioned

- 1) high quality, differentiated portfolios
- 2) superior commercial execution
- 3) fast and impactful innovation
- 4) asset competitiveness and higher productivity
- 5) disciplined capital allocations

**our strategy
execution
is well advanced**

execute



globalize



innovate



invest



sustained differentiation is critical

hierarchy of differentiation

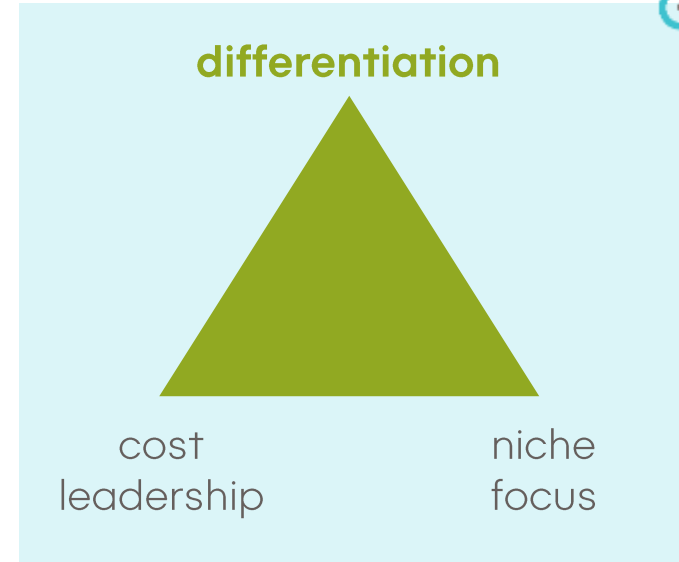
tier 1 – application know-how + customer intimacy

tier 2 – proprietary technology platforms

tier 3 – regulatory and qualification barriers

tier 4 – manufacturing and supply-chain advantage

tier 5 – scale



innovation is central to our differentiation

successful technologies

superior / scalable / sustainable / strategic

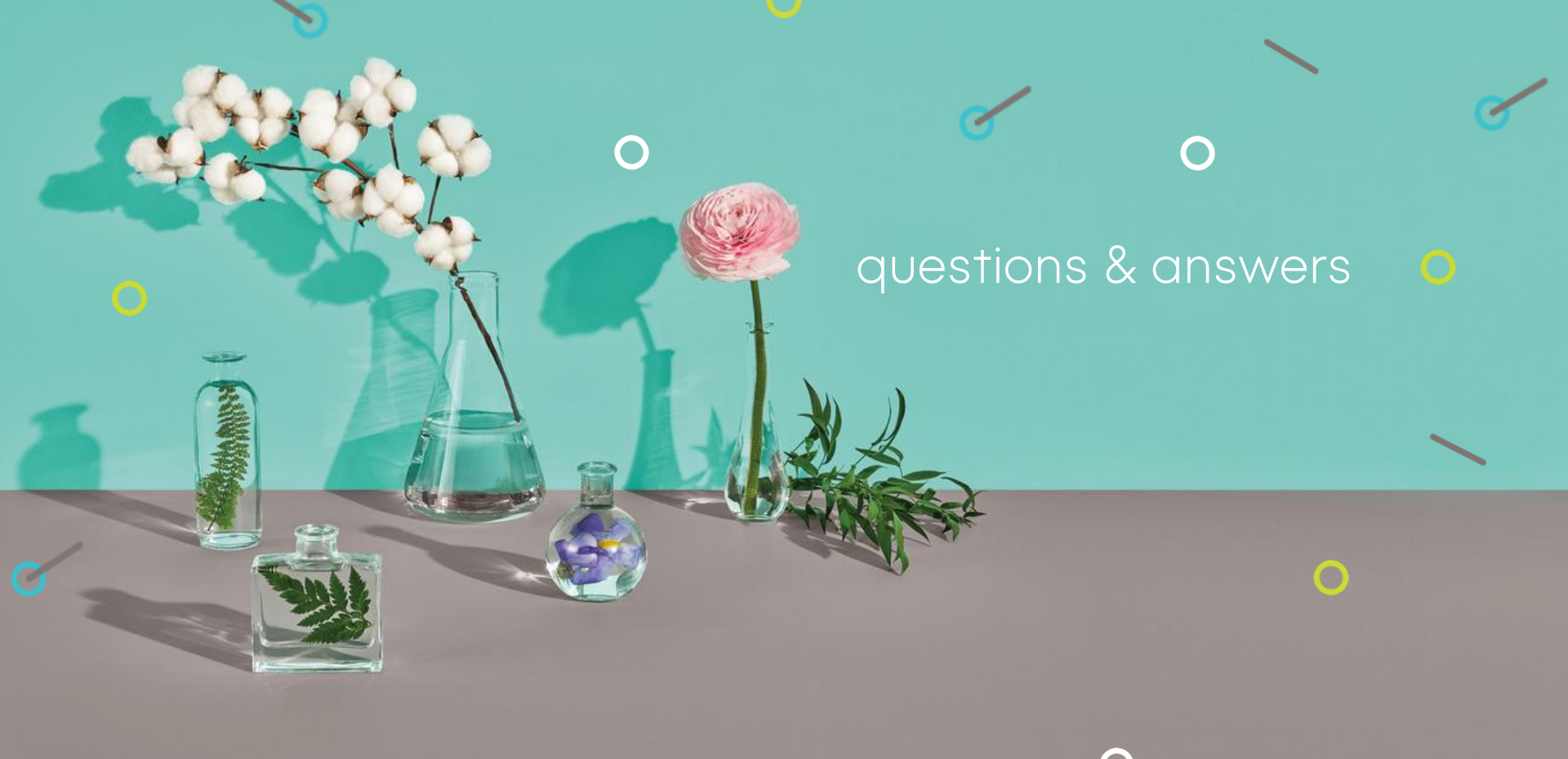
- advanced stages of development
- core and new technologies
- rich portfolio opens multiple paths to success
- low early-stage manufacturing investments
- investments aligned with progress



innovate



focus now is on commercialization



questions & answers



AshlandTM
always solving