# Life science

# Rising to new heights

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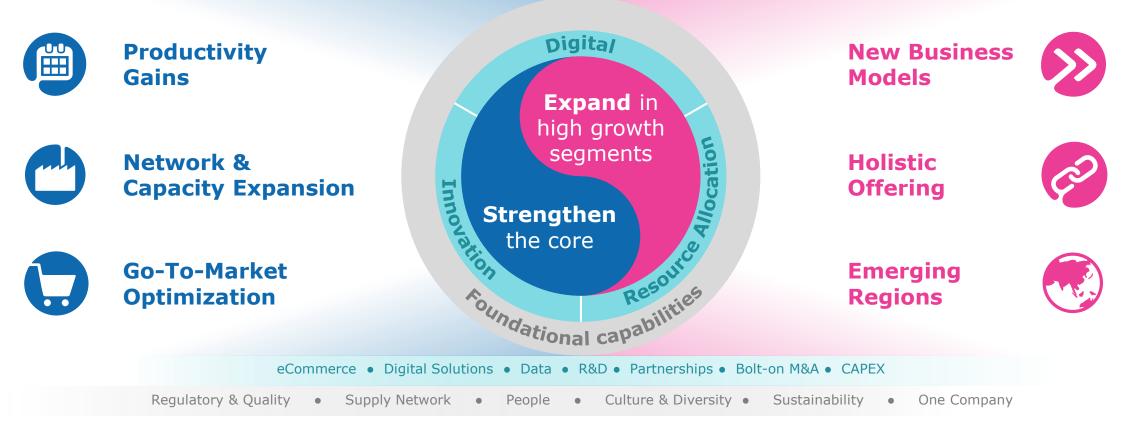
## Life Science Market Attractive secular drivers across segments create opportunities

Life Science market <sup>1</sup> 2021: ~€190 bn ex COVID, growing 5 to 7%			
	Portfolio	Customer	Geography
		Pharma largest (high single-digit)	China fastest (double-digit)
Process ~€70 bn	9 to 10%	<ul> <li>Rising mAbs volume (11%)</li> <li>Novel modalities (25%) esp. mRNA</li> <li>Outsourcing (CDMO 12%)</li> </ul>	<ul> <li>Local mAb approvals</li> <li>Tightening regulations, e.g. F&amp;B</li> <li>Annual publications surpassed US</li> </ul>
<b>Applied</b> ~€70 bn	5 to 6%	<ul> <li>• QC testing across modalities (12%)</li> <li>• Diagnostics enabling precision medicine</li> </ul>	Developed markets Large, stable growth (mid single-digit +)
<b>Research</b> ~€50 bn	2 to3%	<ul> <li>• R&amp;D spend (4%)</li> <li>• Discovery outsourcing (CRO 12%)</li> </ul>	<ul> <li>Robust fundamental drivers (Pipeline growth, testing volumes, R&amp;D funding)</li> </ul>
Eve	olving expectations	Move to <b>digital</b>	Demand for <b>local supply</b>

### We continuously pursue key growth trends as a leading diversified life science player

<sup>1</sup> Company estimate based on industry forecast over 5-year horizon for the markets we operate in with all *growth rates* indicating 2021-25 CAGRs; Acronyms: mAbs = Monoclonal Antibodies; mRNA = Messenger Ribonucleic Acid; CRO = Contract Research Organization; CDMO = Contract Development Manufacturing Organization; F&B = Food & Beverage

## Life Science Strategy Focus on strengthening the core and expanding in high-growth areas

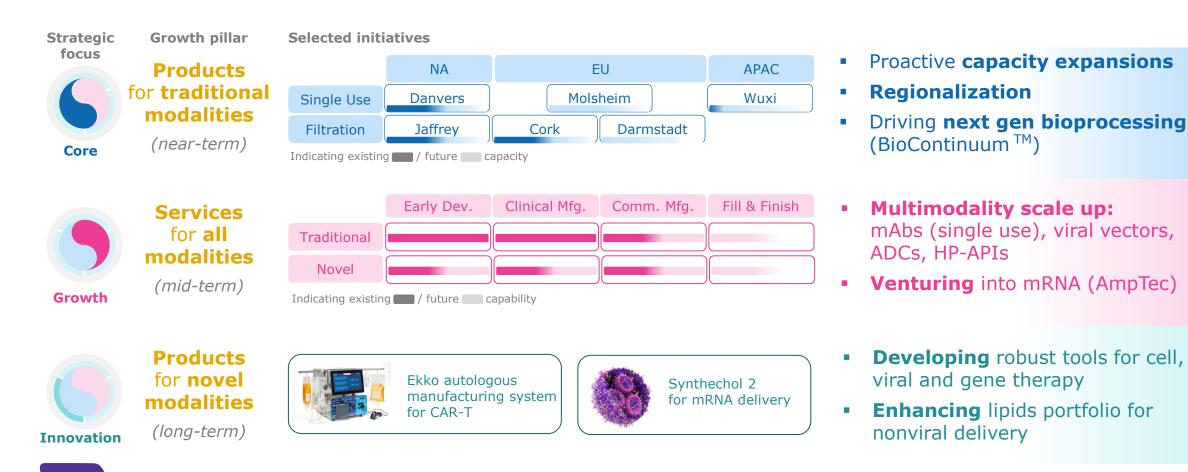


### Stringent execution of strategic priorities driving sustained profitable growth; upgrading mid-term outlook to 7 to 10% org. sales CAGR (incl. fading COVID business<sup>1</sup>)

<sup>1</sup>Mid-term organic sales outlook of 7-10% CAGR assumes fading of COVID-19 related business between two scenarios: A) zero COVID-19 related business in 2025 [implied CAGR of 6 to 9%] and B) COVID-19 related business in 2025 on 2021 level [implied CAGR of 8 to 11%]



# Process Solutions – the largest of the BIG3 Fueling the growth engine to accelerate further in a dynamic market



### Robust supply enabling attractive base growth, services and innovation as accelerators

Acronyms: mAbs = Monoclonal Antibodies; HP-APIs = High Potency Active Pharmaceutical Ingredients; ADCs = Antibody Drug Conjugates; mRNA = Messenger Ribonucleic Acid



# Research Solutions and Applied Solutions Leveraging strong positions for durable growth in robust markets

### Selected initiatives Research Solutions

Strategic focus

Selected initiatives Applied Solutions

✓ Lab Water instrument platform

Expanding Pharma QC testing

innovation

 $\checkmark$ 



- Building on strengths in **research chemistry**
- Capitalizing on evolving CRO market
- Innovating to accelerate research biology
- Expanding further in China/APAC



Leveraging upgraded eCommerce platform





Expanding further in China/APAC



Growth

✓ Driving digital solutions

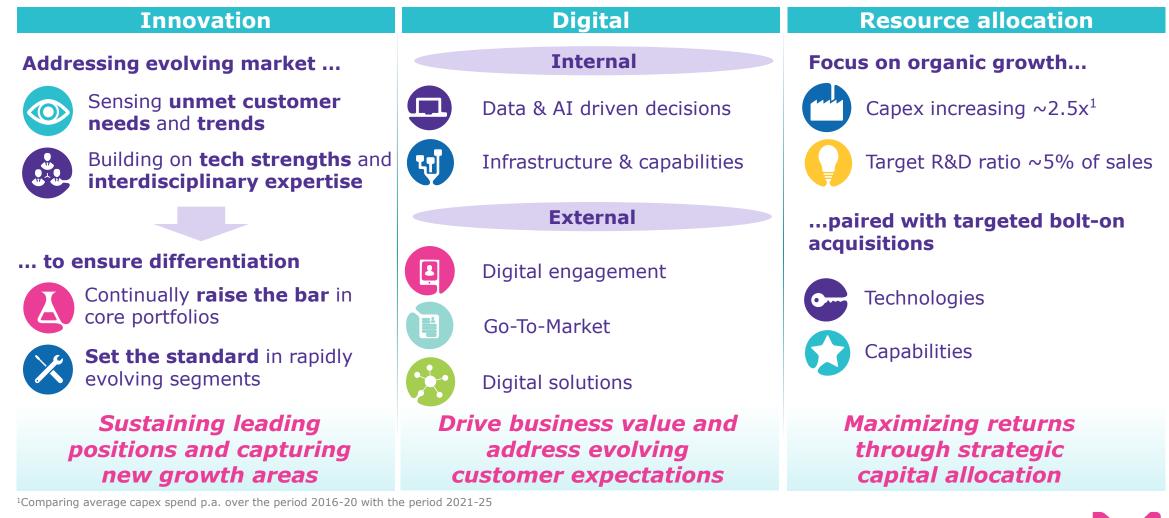
(biologics & novels)



Strategic focus on sustaining core positions and capturing higher growth segments



# Innovation, digital and portfolio Key supporting pillars of strategy for value creation



### Meet Our Management Speakers in Life Science deep dive Q&A

### Matthias Heinzel CEO Life Science

Klaus-Reinhard Bischoff Head of Research Solutions





Andrew Bulpin Head of Process Solutions





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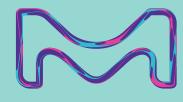


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