

PVC

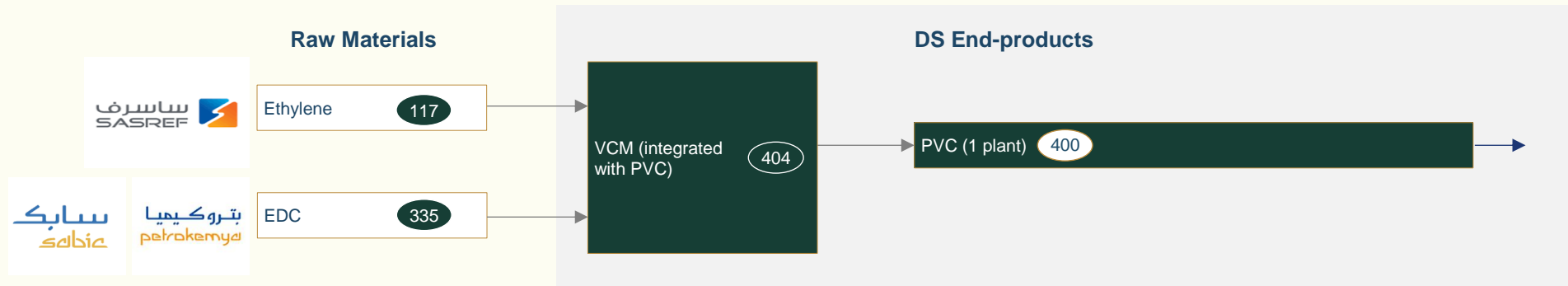
Integrated PVC complex: (PVC and VCM)

	Product	Non captive volume, KTA	Total volume, KTA	Location	Key Driver
Key metrics 	PVC	400	400	Jubail	Growth for PVC is expected to be mainly driven by construction sector
	VCM	0	404		
	Total volume	400	804		

Value chain



Integrated case
x Raw Materials
 xxx end products
 → Sold to market
 xx Captive capacity
 xx Non-captive capacity



Exemplary players

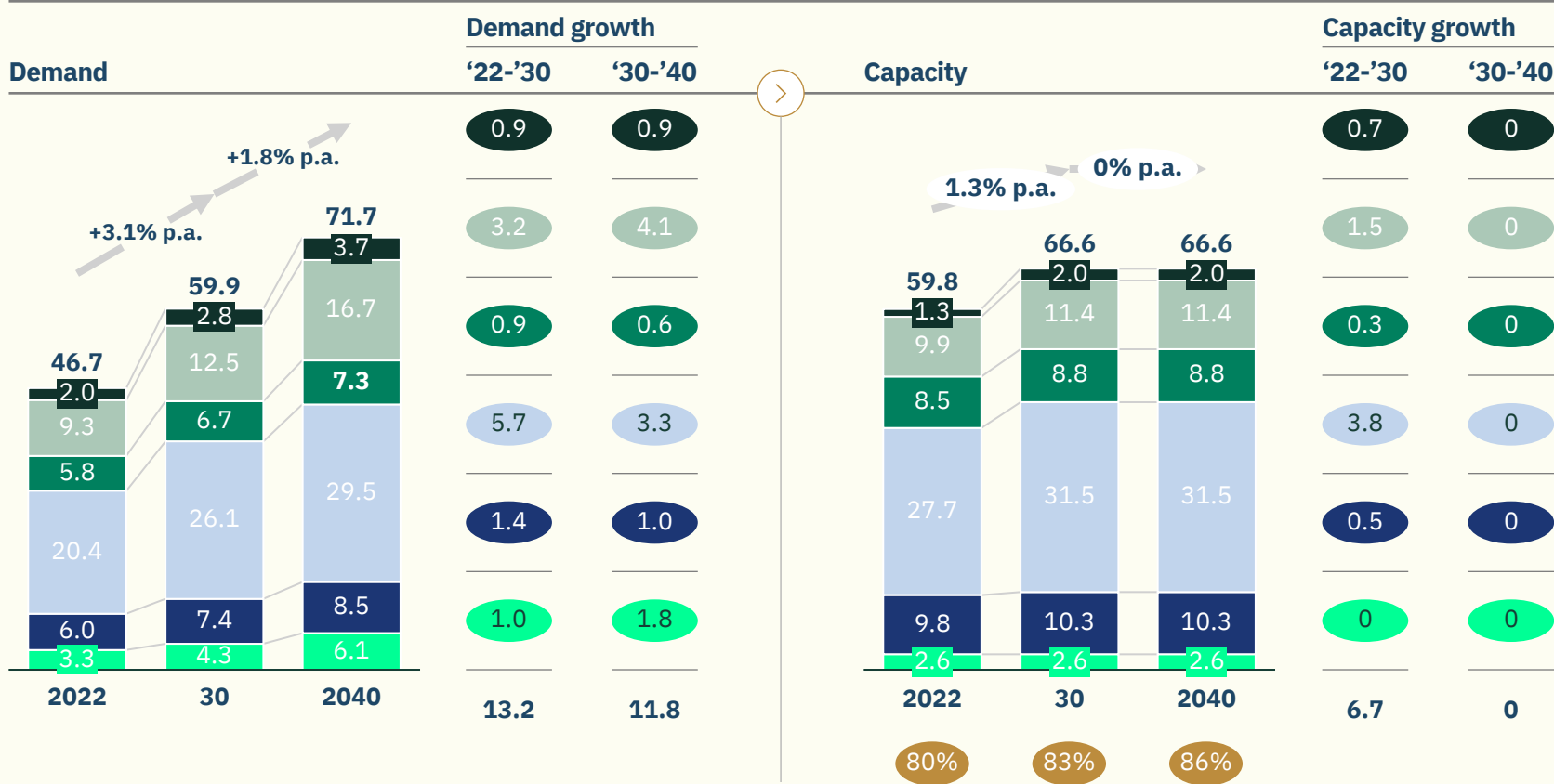


KSA can target 2.4 MTA for PVC in Middle East, Southeast Asia, India and Europe

xx% Estimated Utilization rate, %

- Middle East¹
- Europe
- North America
- Asia²
- China
- RoW

Global PVC demand / capacity, MTA



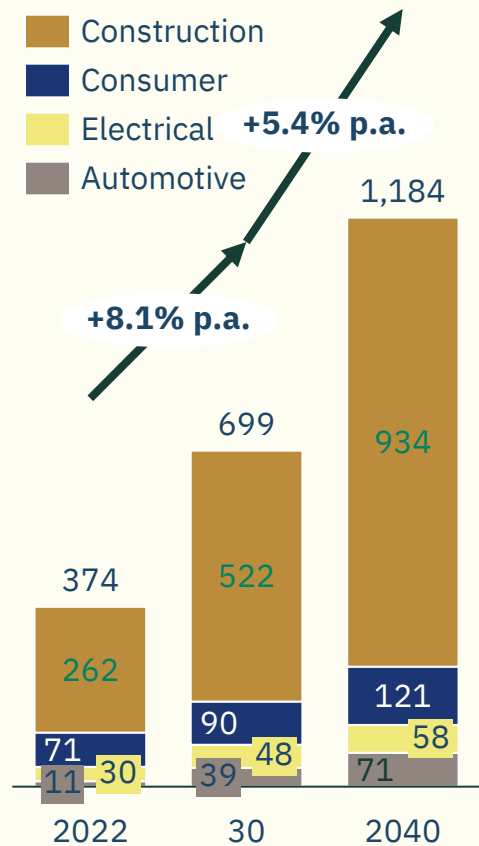
Key takeaways

- **Addressable demand³** for PVC by 2030 is ~**6.4 MTA**, coming from:
 - Middle East 0.2 MTA
 - Asia 1.8 MTA
 - Europe 0.6 MTA
 - China 2 MTA
 - North America 0.9 MTA
 - RoW 1.0 MTA
- **Target demand** is **2.4 MTA** in **Middle East, Southeast Asia, India** and **Europe**, corresponding to ~100% of demand in target regions
- Demand gap is estimated assuming the utilization rates will reach 83% and 86% by 2030 and 2040 respectively

1. Includes Iran, Israel, Kuwait, Oman, Qatar, KSA, Syria, UAE, Turkey | 2. Excluding China | 3. Calculated as demand growth – capacity growth if demand growth > capacity growth, otherwise 0 (except for Middle East, where KSA growth can always be captured)

KSA demand growth for PVC is expected to be driven by construction sector

KSA poly vinyl chloride demand projection, KTA



1. Middle East share

Source: Internal analysis

xx% Share of demand covered by the application¹, %

Demand drivers

End market (application)	Demand outlook, KTA	CAGR '22-'30, %	CAGR '30-'40, %
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; margin-right: 5px;">70%</div> <div style="margin-left: 10px;"> Construction (pipes and fittings) </div> </div>		9.0%	6.0%
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; margin-right: 5px;">19%</div> <div style="margin-left: 10px;"> Consumer (bottle, etc.) </div> </div>		3.0%	3.0%
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; margin-right: 5px;">8%</div> <div style="margin-left: 10px;"> Electrical (Wire and cable) </div> </div>		6.0%	2.0%
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; margin-right: 5px;">3%</div> <div style="margin-left: 10px;"> Automotive (interior parts, coatings) </div> </div>		17.0%	6.0%

Key takeaways

KSA represents <1% of global demand and expected to grow at **8.1% CAGR by 2030**

Afterwards the growth will be ~5.4% until 2040

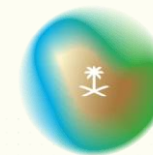
Key drivers of growth in KSA is:

- **Construction sector** with a 9% CAGR between 2022-30
- **Consumer sector** with a 3% CAGR between 2022-30
- KSA demand is expected to grow faster than the global demand (~8.1% KSA vs. ~3.1% global CAGR '22-'30)

Size of the local market makes PVC an export-oriented case

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Thank You