MARKETS AND PROFITABILITY

Quarterly Business Analysis Middle East

Quarter 4, 2023

December 2023



This Report was prepared by NexantECA, the Energy and Chemicals Advisory company ("NexantECA"). Except where specifically stated in this Report, the information contained herein is prepared on the basis of information that is publicly available, and contains no confidential third party technical information to the best knowledge and belief of NexantECA. The information has not been independently verified or otherwise examined to determine its accuracy, completeness or financial feasibility. Neither NexantECA, Subscriber nor any person acting on behalf of either shall have any liabilities for any loss or damage arising from or connected to the use of any information contained in this Report. NexantECA does not represent or warrant that any assumed conditions will come to pass.

The Report is for Subscriber's internal use only and shall be kept strictly confidential. The Report should not be otherwise reproduced, distributed or used without first obtaining prior written consent by NexantECA. Each Subscriber agrees to use reasonable effort to protect the confidential nature of the Report.

Copyright © by NexantECA (BVI) Ltd. 2023. All rights reserved.



Contents

1	Ехесι	utive Summary	1	
2	Olefins			
	2.1	Ethylene		
2	2.2	Propylene	8	
3 I	Polyolefins			
	3.1	Linear Low Density Polyethylene (LLDPE)		
4	3.2	High Density Polyethylene (HDPE)		
;	3.3	Polypropylene (PP)		
4	Polve	ster and Intermediates	24	
	4.1	Mono Ethylene Glycol (MEG)		
Apper	ndices	S		
A I	Prices	S	29	
Figure	es			
Figure	1	Middle East Cash Margin Index	2	
Figure	2	Ethylene Prices	4	
Figure	3	Ethylene Delivered Cash Margin to Western Europe	7	
Figure	4	Ethylene Delivered Cash Margin to South-East Asia	7	
Figure	5	Propylene Delivered Cash Margin to Western Europe	11	
Figure	6	Propylene Delivered Cash Margin to South-East Asia	11	
Figure	7	LLDPE Delivered Cash Margin to Western Europe	15	
Figure	8	LLDPE Delivered Cash Margin to South-East Asia	15	
Figure	9	HDPE Delivered Cash Margin to Western Europe	19	
Figure	10	HDPE Delivered Cash Margin to South-East Asia	19	
Figure	11	Polypropylene Delivered Cash Margin to Western Europe	23	
Figure	12	Polypropylene Delivered Cash Margin to South-East Asia	23	
Figure	13	MEG Delivered Cash Margin to Western Europe	27	
Figure	14	MEG Delivered Cash Margin to South-East Asia	27	
Tables	6			
Table	1	Comparative Economics – Ethylene Delivered to Western Europe	5	
Table :	2	Comparative Economics – Ethylene Delivered to South-East Asia	6	
Table :	3	Comparative Economics – Propylene Delivered to Western Europe	9	
Table 4	4	Comparative Economics – Propylene Delivered to South-East Asia	10	
Table	5	Comparative Integrated Economics - LLDPE Delivered to Western Europe	13	
Table	6	Comparative Integrated Economics – LLDPE Delivered to South-East Asia	14	
Table	7	Comparative Integrated Economics – HDPE (Injection Moulding) Delivered to Western Europe	17	
Table	8	Comparative Integrated Economics – HDPE (Injection Moulding) Delivered to South- Fast Asia	18	



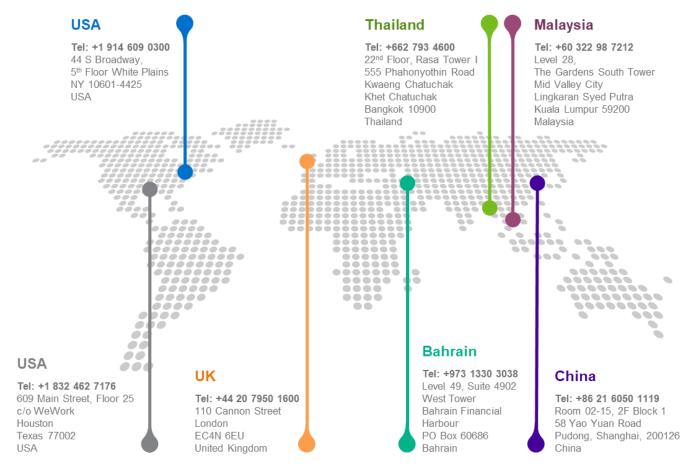
Table 9	Comparative Integrated Economics – Polypropylene Delivered to Western Europe	. 21
Table 10	Comparative Integrated Economics – Polypropylene Delivered to South-East Asia	. 22
Table 11	Comparative Economics – MEG Delivered to Western Europe	. 25
Table 12	Comparative Economics – MEG Delivered to South-East Asia	. 26
Table 13	Western European Petrochemical Price History	. 29
Table 14	Asia Pacific Petrochemical Price History	. 29







NexantECA partners with clients to help them navigate the big global energy, chemicals and materials issues of tomorrow. We provide independent advice through our consulting, subscriptions and reports, and training businesses using expertise developed in markets, economics and technology through our fifty years of operation. We are entirely dedicated to supporting sustainable development of the industry and provide expert advice with efficiency, speed, and agility.



Disclaimer

This Report was prepared by NexantECA, the Energy and Chemicals Advisory company. Except where specifically stated otherwise in this Report, the information contained here is prepared on the basis of information that is publicly available, and contains no confidential third-party technical information to the best knowledge of NexantECA. Aforesaid information has not been independently verified or otherwise examined to determine its accuracy, completeness or financial feasibility. Neither NexantECA, Client nor any person acting on behalf of either assumes any liabilities with respect to the use of or for damages resulting from the use of any information contained in this Report. NexantECA does not represent or warrant that any assumed conditions will come to pass.

Copyright © by NexantECA (BVI) Ltd. 2023. All rights reserved.