

Prior to his current role, Dr Carpenter was the founding Executive Director of the Institute of Chemical and Engineering Sciences (ICES), A*STAR from 2002-2017. He has over 25 years' industry experience with ICI, Zeneca, AstraZeneca and Syngenta, where he held leadership roles in technology development, corporate R&D, corporate engineering and process development.

He received his PhD in Chemical Engineering from the University of Leeds and is a Fellow of the Institution of Chemical Engineers, Royal Academy of Engineering, Royal Society of Chemistry and Institution of Engineers, Singapore.