



Ewan McAdam

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Ewan specialises in separations that enable process intensification, energy production or resource recovery that are critical to net zero and circular economy thinking. McAdam has delivered over €11 Mn of research, producing >95 peer-reviewed publications, six patented innovations and >25 postgraduate researchers. With strong emphasis on commercialisation and impact, his research has led to the installation of novel separation technology into >40 water and wastewater works (investment >GBP4.8Mn). His development of the 'Nanomembrane Toilet', funded by the Bill & Melinda Gates Foundation, received the 2018 IWA Innovation Award, and in 2017 was identified as one of '50 Ideas to Change The World' (Financial Times). He was also awarded a five-year ERC grant under the 'excellent science' pillar of the H2020 programme on membrane crystallisation, which received the 2017 Emerging Technologies prize from the Royal Society of Chemistry. Results from this prestigious grant will form the focus of this keynote.