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Making green chemistry sustainable

Academia, Industry and Government all have roles to play in the future of Green Chemistry practice. Understanding triple-bottom line drivers and how to affect change in a constrained environment is important, but so to is the possibilities offered by new approaches to generate new markets through awareness. In this presentation, I'd like to explore with you one approach we are undertaking to include researchers, industry executives and government in promoting awareness of green chemistry across the three dimensions of people, planet, profits. By understanding what we do, I invite you to contribute to build a more globalised activity through collaboration, activity and investment.

Biography

Steven J. Langford received his PhD from the University of Sydney in 1994. After postdoctoral work in the UK under the auspices of a Ramsay Memorial Fellowship with Sir J. Fraser Stoddart FRS investigating the formation of topologically interesting molecular assemblies for molecular device development, and at the University of UNSW investigating electron transfer processes in giant multichromophoric systems, he joined the School of Chemistry at Monash University in 1998. Here, his interests in diverse areas such as green chemistry, nanoscaled devices and photosynthetic mimicry were developed. He was appointed Professor of Organic Chemistry in 2006 and Head of School of Chemistry (2010-present) at Monash. He is currently Director, Green Chemical Futures - a $75M initiative of Monash University and the Australian Federal Government. His research interests focus on concept transfers from nature, particularly in the areas of solar energy conversion, fluorescence and molecular device functionality. He has published over 150 research articles and is the recipient of many national and international awards.

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