

SMALL SCALE DECENTRALISED WASTE TO ENERGY SOLUTIONS-INNOVATIVE TECHNOLOGIES AND BUSINESS MODELS

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Waste to energy is normally connected to large utility scale developments, linked to centralised waste logistics procedures and with several difficulties for planning permissions, for handling plastics or medical waste and for the full usage of combined heat and power generated. That is all coming to an end. The small scale no recycling plastic and medical waste systems will handle from 50 kW to 5 MW decentralised sites. We will discuss some of the options and business models working or being installed and how they reduce costs, CO₂ and ocean plastics.

Biography

Miguel Matias has completed his MBA at IESE, Barcelona, when he was the Innovation Director of Galp Energia, an Oil & Gas leader in Iberia, Africa and Brazil. He has completed his Post-graduation course at INSEAD and has started his career at Andersen Consulting and then Deloitte Consulting as Senior Manager in the Energy Sector before joining Galp Energia. Since 2006, he has developed his own companies and managed Energy Funds, like Self Energy that has developed projects in four continents, and also OPTIMeyes Energy, based in London, UK where he is based.

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