



THE FOOD WASTE AND ENERGY

Abstract for Athens 2014 2nd International Conference on Sustainable Solid Waste Management

Tidy Planet was established 15 years ago in the UK to develop and sell on-site solutions for food and organic waste. We believe that the most environmentally sustainable way to deal with food and organic waste is to deal with it at source and to value it as a resource. This way we not only reduce its impact on our environment and reduce the carbon footprint but also use waste for something positive, whether it be energy generation or compost.

Our products are designed to service small businesses and public sector operations all the up to large scale food waste producers and municipal waste operations.

We have developed a number of market leading and innovative solutions 3 of which would be of direct relevance to the objectives of the International Conference on Sustainable Solid Waste Management.

The Rocket – In Vessel Composters

We invented and have been developing this range of in-vessel composters for 15 years; we now have a range which allows us to process up to 20 tonnes per day of organic waste and to convert it into compost. We have these systems in hundreds of different organisations.

The Dragon-Food Waste to Energy System

We have recently developed a system which through a process of drying firstly converts food and organic waste into a biomass fuel and then which can then use it to generate thermal energy. We are currently working with several Global Airline Catering and Logistics businesses to implement this on a global basis.

The CHiP-Waste Cooking Oil to Energy System

We have developed an on-site integrated Combined Heat and Power system which as a single package processes and converts waste cooking oils into electricity and hot water. We are currently rolling these out at fast food outlets in the UK, the systems are available from small commercial to large scale.

We believe these innovative solutions will be of significant interest to business and municipalities not only in Greece but also around Europe and would welcome the

opportunity to be a guest speaker at the conference to share our knowledge with your colleagues and compatriots.

I hope to hear from you soon.

Yours Sincerely

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