

Inter Engineering

Solventure was founded in 2010 by three independent engineers who had been working in waste management for a long time. The company Inter Engineering was retained as a sales organisation.

Initially, 25 biogas plants were installed with an own technology. However, it turned out that separating the waste into biogenic and non-biogenic materials was expensive and never 100% complete. Solventure then developed and patented its own CombiTech process with its own resources, in which the mixed, dirty, wet waste can be inserted into the process without pre-separation and is basically 100% converted into renewable energy. The process consists of two stages, the biogas stage, in which the biogenic materials are converted into energy and high-quality, pure compost, and then the SRS (Selective Residue Solvolysis) stage, in which the inert residues are also converted into energy using a special gasification process. Only the mineral fraction (stones, sand, glass, ceramics and also metals) is automatically and cleanly eliminated from the process.

inter-engineering
frank j. riedel



This means that unsorted, mixed waste in any composition can be processed immediately. The process works fully automatically. The complete and residue-free conversion into energy ensures a high energy yield of over 80%. No waste water is produced and the exhaust gases consist only of water vapour and CO₂.

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Objectives in Myanmar

Inter Engineering wants to export waste disposal plants. So far they have built plants in Germany, Italy, Spain, Turkey and India. In Myanmar, they are seeking cooperation with local partners, a joint venture with a local company and sales partnerships. For their future in Myanmar, they would like direct sales with a local authority, possibly partnership and transfer of know-how to a local engineering company. It is the first step for Inter Engineering into the Myanmar market.

Frank Riedel is interested in talking to possible cooperation partners, especially in the business areas of plant operation, consulting, contracting, services, financing, installation/assembly and sales. In particular, he is looking for a cooperation partner who is already involved in waste disposal and has the technical competence to acquire planned facilities and build them with Inter Engineering's support.