Green Engineering: How and why sustainability can become a driving factor in the design of new chemical plants?

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We will show you how and why sustainability can become a driving factor in the design of new chemical plants, improving environmental performances while maintaining the most elevated standards of quality. In particular, is it possible to reduce the environmental impacts of a new plant, avoiding compromises against cost control and/or against the project schedule? The “Green Value Engineering Methodology” developed by VTU for FEL2 projects has exactly the objective of gaining value by the client company and giving value to the environment. This is achieved using an interdisciplinary approach with enhanced project development flexibility, which allows the “Engineering phase” to play a major role in finding solutions in the direction of sustainability.

VTU Group GmbH
The company was founded in Austria in 1990. Today, more than 1’200 employees work on projects all over the world. VTU's 34 sites are spread across seven European countries - Austria, Germany, Switzerland, Italy, Poland, Romania and Belgium, the headquarters located in Grambach near Graz.

As an international technology and engineering service provider for the planning and delivery of highly efficient process plants, VTU Group supports its customers throughout the entire life cycle of their plants and buildings: from strategic planning, implementation and optimization and industrial digitization to minimizing the ecological footprint. The services range from classic engineering and general planning on an EPCMv (Engineering, Procurement, Construction Management, Validation) base to complex digitalization solutions. VTU pays particular attention to sustainable and resource-saving overall solutions.