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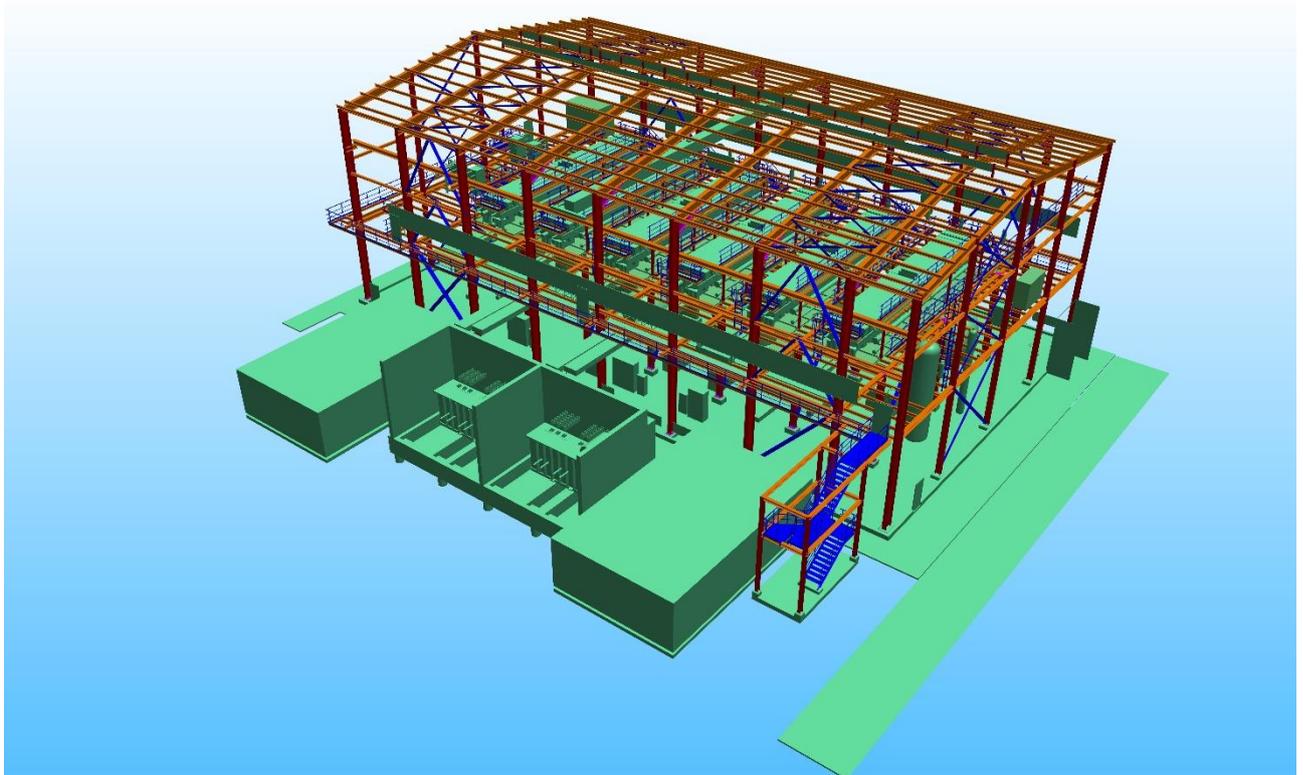
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CAC awarded with major contract for new construction of a chlor-alkali electrolysis plant in France

Chemnitz, 28/01/2022, Chemieanlagenbau Chemnitz (CAC) is building a chlor-alkali electrolysis plant for KEM ONE, Europe's second largest PVC manufacturer. The contract volume amounts €57 million, this being the largest order of this kind in the history of the Chemnitz-based company.



3D design of the new chlor-alkali electrolysis plant that CAC will design and build for KEM ONE, ©CAC

KEM ONE, headquartered in Lyon, France, awarded CAC a contract for the construction of a modern, energy-efficient and environmentally friendly membrane electrolysis plant as a replacement for the existing diaphragm electrolysis plant at the end of 2021. CAC will implement the plant at the Fos-Sur-Mer site in France together with its long-standing Japanese technology partner Asahi Kasei Corporation as an EPCm project. Specifically, this means that CAC will be responsible for basic and detail engineering, procurement and supply, site management, and commissioning support.

"We are pleased that we were able to convince KEM ONE of our performance capability, flexibility and experience and that we managed to conclude the contract under pandemic conditions", says Mike Niederstadt, Managing Director of CAC.

The plant, which is located on the coast of southern France, is to be successively converted to using sea salt as feedstock. This independent raw material supply makes it possible to react more flexibly to any supply bottlenecks in the future.

The Fos-sur-Mer plant produces chlorine, caustic soda and hydrogen from salt by means of electrolysis. The chlorine produced is used on site to manufacture vinyl chloride monomer, the basic substance for PVC. This material is flame retardant, insulating and resistant to chemical attack, wear and tear. It is therefore suitable for a wide range of applications in construction, packaging and medical technology.

KEM ONE Group

KEM ONE is a leading European producer of polyvinyl chloride (PVC), used mainly in construction, packaging, and medical applications, and caustic soda. With 1,400 employees and 8 industrial sites located across France and Spain, Kem One has leading positions in both mass and suspension PVC in Europe, and recognized expertise in specialty PVC, including paste PVC and post-chlorinated PVC.

Chemieanlagenbau Chemnitz GmbH (CAC)

Reliable, experienced and approachable, CAC is an internationally leading plant engineering company in the field of process and chemical engineering. In the business fields of inorganic chemicals, refineries and petrochemicals, gas technology and industrial plant CAC offers the entire range of services of an engineering and plant construction company. This begins with the development of a concept, continues through the planning stage and turnkey construction to the point of commissioning of complex plant and plant units – in close co-operation with the customer at all times. With around 400 employees, 270 at the headquarters in Chemnitz, CAC has constructed over 500 industrial plants worldwide in the course of over 55 years. More information about Chemieanlagenbau Chemnitz GmbH can be found at: www.cac-chem.de
[HUGO PETERSEN GmbH](#) is the world's largest technology provider for sulphuric and hydraulic acid production as well as gas cleaning processes, it has been part of the CAC Group of Companies since 2005
In 2006 the engineering company [BiProTech](#) Sp. z.o. o. was added as a second subsidiary.