

## EnerViT – Energy-Efficient Kiln Plants between Present and Future

There are worldwide efforts to implement alternative, clean solutions for reducing global warming and enabling zero-emission processes CO<sub>2</sub> output. Overall change from fossil fuels, such as natural gas or LPG to alternatives such as hydrogen, Syngas and electric energy and building up the corresponding capacities and supply chains worldwide may take up to 10 years. With EnerViT plus, Keramischer OFENBAU offers an energy-efficient bridging technology for today's kiln plants. Besides the equipment of new continuous kilns with this highly efficient heating system, a big advantage is the conversion / retrofitting of

existing kilns by implementing the EnerViT firing technology. Significant reduction in specific energy consumption and CO<sub>2</sub>-emission were shown in many successful kiln conversions all over the world.

Thus, while using existing plants, it is possible to achieve high energy savings and reduction of carbon footprint TODAY.

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Thomas Alten  
Managing Director, Keramischer OFENBAU GmbH/DE

- Born 1962 in Einbeck/DE
- Education: studies of ceramics at Technische Hochschule Nürnberg Georg Simon Ohm/DE

#### Professional career:

- Grown up in family-owned brick factory
- Commissioning, Service, Sales for ceramic kilns, Heimsoth/DE 1987–1996
- One of the Founder, Share holder, Managing Director at Keramischer OFENBAU since 1996, kiln building company at Hildesheim/DE

#### Special skills and knowledge:

- Ceramics
- Commissioning and service experience worldwide for 8 years
- Profound R & D expertise
- Excellent sales and management experience in the field of kilns for more than 25 years