

Dr Christoph Gatzen

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Dr Christoph Gatzen is an Associate Director at Frontier Economics with more than 15 years of consulting experience in the European energy sector. Christoph is an expert for electricity markets and regularly works for major energy companies, regulators and governmental authorities.

Christoph has recently worked with various stakeholders in Germany (network operators, suppliers, engineering associations, governmental organisations) on how to achieve the German political target of “sector coupling”, i.e. a defossilisation of the German society through integrating the heat, mobility and electrical sector. For example, he advised clients on import opportunities for synthetic (i.e. carbon neutral) fuels to be used in transport and future options for natural gas as a fuel in Germany (including the transport sector).

Before joining Frontier in 2007, Christoph worked as a consultant and researcher at the Institute of Energy Economics in Cologne for 5 years. His research work covered the model-based analysis of the European electricity market, power and gas network regulation, the impacts and incentives resulting from the emission trading scheme, the economics of power storage and the integration of renewable energy sources into the German and European electricity system. Christoph developed a range of power market models which are commercially used.

Christoph holds a degree in civil and environmental engineering and a degree in industrial engineering from RWTH Aachen as well as a PhD in energy economics which he obtained for his work on power market simulations, the analysis of power price volatility and power storage assessment.