

# Markus Graebig



Project Director of the WindNODE  
consortium, Berlin

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WindNODE  
Heidestr. 2  
10557 Berlin Germany  
T. +49 30 5150 2805  
F. +49 30 5150 2877  
markus.graebig@windnode.de  
www.windnode.de/en/



## Professional Engagement

Markus Graebig is the project director of the WindNODE consortium with over 70 distinguished partners from industry, business and academia. Previously, he worked as a business consultant with McKinsey & Company and as a research associate at Technische Universität Berlin. He holds a Dipl.-Ing. degree in Electrical Engineering (TU Berlin) and an M.Phil. degree in Engineering for Sustainable Development (University of Cambridge).

## Areas of expertise:

German energy transition (“Energiewende”) in general; WindNODE and SINTEG showcases for 2<sup>nd</sup> phase energy transition; outlook to regional transformation in former coal mining regions (phase-out of lignite, perspectives for hydrogen economy)

## About WindNODE

“WindNODE – showcasing smart energy systems from northeastern Germany” stands for the efficient, secure, and climate-friendly integration of large amounts of renewables into the grid. Showcases for innovative products and services of the “Energy Transition made in Germany” will be demonstrated in 6 of the 16 German states, including the capital Berlin. The project covers a region with more than 18 million people and, on average, already more than 53% of renewables in the electricity mix. WindNODE involves more than 70 distinguished partners, including 50Hertz (the transmission system operator in northeastern Germany and consortium leader of WindNODE), BMW, Fraunhofer Society, Lidl & Kaufland (major supermarket chains), Siemens, Stromnetz Berlin (the distribution system operator in Berlin), Vattenfall, and many more. The consortium is gratefully supported by the heads of governments from all 6 participating states.

WindNODE is one of the five winning consortia in the high-profile SINTEG competition. SINTEG is a quarter-billion Euro grant program launched by the German Federal Ministry for Economic Affairs and Energy. The SINTEG goal is to build large-scale model regions for the efficient integration of intermitting, renewable energy into the existing energy system, combining the electricity, heat and mobility sector. SINTEG stimulates innovative technology, the digitalization of the energy sector, new business models, and the participation of the public.

Further information: WindNODE (<https://www.windnode.de/en/>) and SINTEG (<http://www.bmwi.de/EN/Topics/Energy/Grids-and-grid-expansion/sinteg.html>).