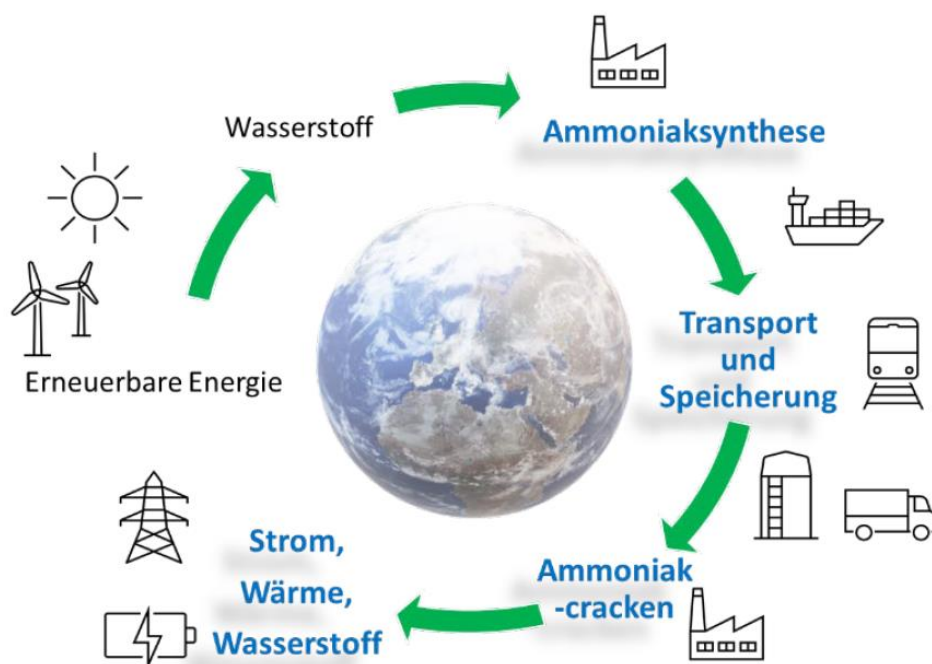


PhD – Project on the Synthesis of Green Ammonia in the field of heterogeneous catalysis / chemical engineering

At the Fraunhofer-Institute for Interfacial Engineering and Biotechnology, IGB, Straubing, Germany.



- Synthesis of Green Ammonia as a decentralized, cross-sectoral energy vector
- Transport and storage of renewable energy in the form of ammonia
- Concentration of NH_3 technologies within the Fraunhofer Society



Topic of the Thesis:

- To synthesize novel catalysts obtained from deep eutectic solvents and to characterize their physico-chemical properties
- To plan and construct a chemical laboratory reactor for testing of heterogeneous catalysts
- To test and compare the synthesized catalyst for low pressure ammonia synthesis according to the Haber-Bosch-process

Link for application: <https://jobs.fraunhofer.de/job/Straubing-Wissenschaftlicher-Mitarbeiterin-Heterogene-Katalyse-Ammoniaksynthese-mit-Promotionsm%C3%B6glichkeit-94315/1015050001/>

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