



VIETNAM

DBFZ Research and Project Country Profile Activities & Partners



DBFZ Activities

Vietnam is a fast growing economy with steadily rising energy demands. Due to its huge potential of biomass residues Vietnam will foster bioenergy research and applications. In the context of the close relations between the City of Leipzig and Ho-Chi-Minh City, DBFZ intensified its cooperation with Vietnam. Since 2016 several delegations from Vietnam, among them directors and officers from the Ministry of Industry and Trade, Ministry of Planning and Investment, Ministry of Home Affairs, from different departments on provincial level and business companies, have visited the DBFZ campus and research facilities. In 2018 DBFZ started its first project on potential analysis and biogas production in the An Giang Province.

DBFZ R&D and Project Focus

The focus of DBFZ activities in Vietnam is on the assessment of unused biomass potential, knowledge transfer, and improvement of framework conditions for the use of bioenergy.

- Assessment of (unused) agricultural residues on a national, provincial and local level;
- Technical consultancy on the utilization of rice husk and rice straw
- Technical consultancy for biogas production in rural areas, mainly for manure
- Reduction of emissions from (residues of) livestock breeding
- Sustainable integration of bioenergy in already existing infrastructures

DBFZ Future Activities

Vietnam has a high potential of biomass available for energy use, in particular huge amounts of agricultural residues like rice husk and rice straw. The development of the bioenergy sector in Vietnam should be conducted consistently and reasonably, taking into account possible impacts on the national economy and environment. DBFZ would like to strengthen its activities in the following fields:

- Potential analysis together with Vietnamese partners
- Mass flow analysis
- Research and academic exchange (in particular on the material and energetic use of rice husks)
- Consultancy on agricultural residues and biogas



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DBFZ Research and Project Country Profile Project References



DBFZ Partners

DBFZ has initiated partnerships with Vietnamese partners on the national and provincial level as well as with business companies.

Cooperation Agreements	
Project Partners	Province An Giang ME-LE Biogas GmbH

DBFZ Reference Projects (selected)

7/2018-6/2019	Feasibility Study An Giang The project screened and mapped agricultural residues, in particular manure. It assessed biomass supply curves and identified suitable sites for biogas plants.
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About DBFZ

DBFZ is the leading German research institute in the field of energetic and related material use of biomass. DBFZ monitors and evaluates the most promising applications for bioenergy in theory and practice, realizing research and collaborative research projects at both national and international level, with partners and stakeholders from industry, administration, politics and academia. Currently about 180 scientists in the departments of Bioenergy Systems, Biochemical Conversion, Thermo-chemical Conversion and Biorefineries carry out application-oriented R&D and provide scientifically-based results to support informed political decision making.

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