

COMET: K1-Centres

BE 2020_2.0	
BIOENERGY 2020+ GmbH	
Main location	Graz (Styria)
Other locations	Güssing (Burgenland), Wieselburg (Lower Austria)
Research programme	BIOENERGY 2020+ as the Austrian competence centre drives forward trans-locational application-oriented research in the field of bioenergy. The purpose of the company is research, development and demonstration in the sector biomass to energy.
Planned realisation and outcomes	
<p>Improving the fuel flexibility of biomass gasification</p> <p>Production and storage of synthetic natural gas and hydrogen from excess electricity and syngas</p> <p>Development of the simulation tools for the virtual biomass conversion plant</p> <p>Primary and secondary measures to improve the real life behaviour of small scale biomass combustion systems</p> <p>Marketable micro CHP systems</p>	
History of establishment	BE2020 is based on the merger in 2008 of the preceding <i>Kplus</i> centre of competence, Austrian Bioenergy Centre (ABC) founded on 2003, and the <i>Knet</i> network of competence ReNet (existing since 2000) and herewith builds on more than 10 years of experience in biomass to energy research.
Selected company partners (max. 10)	Selected scientific partners (max. 5)
<ol style="list-style-type: none"> 1. ATRES Group 2. BIOS Bioenergiesysteme GmbH 3. Energie Burgenland Biomasse GmbH & Co KG 4. Erber Future Business GmbH 5. Güssing Biomass Power Station GmbH & Co KG 6. KWB – Kraft und Wärme aus Biomasse GmbH 7. MAWERA Holzfeuerungen GmbH 8. ORTNER GmbH 9. Repotec GmbH – Renewable Power Technologies 10. R(o)hkraft Ing. Karl Pfiel GmbH 	<ol style="list-style-type: none"> 1. Vienna University of Technology 2. Graz University of Technology 3. University of Natural Resources and Life Sciences, Vienna 4. University of Applied Sciences Burgenland GmbH 5. University of Mining, Leoben
	Selected international partners ¹(max. 5)
	<ol style="list-style-type: none"> 1. DTI – Danish Technological Institute 2. TFZ – Technology and Support Centre 3. HDG Bavaria 4. LAMTEC Meß- und Regeltechnik für Feuerungen GmbH & CoKG 5. Linde AG
Duration of the K1-Centre	COMET K1 1 st Call: 2008 – 2015 (7 years) COMET K1 3 rd Call: april 2015 – march 2019 (4 years, 1 st funding period))
Staff employed at the Centre	FTE 92 (thereof 82 scientists)
Total costs	COMET K1 1 st Call: EUR 27.125 Mio (7 years) COMET K1 3 rd Call: EUR 20.4 Mio (4 years, 1 st funding period)
Management of the Centre	Dr. Michael Nöst, MBA; CEO
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¹ Partners with headquarters outside Austria