

	First	Surname	E-Mail-	Institution	Type of	Country	Project idea	Existing experience / network	Needed experience / partner
1	Anja	Bartsch	anja.bartsch@hs-ansbach.de	Hochschule Ansbach, Biomasseinstitut	University	Germany	Support at sorting out the legal frame conditions for projects and at any legal question related to biomass, energy systems or the circular economy to increase the feasibility of the project idea.	We are not involved in any European project yet, but some of our members have appropriate experience.	We are searching for cooperation partners, who have innovative ideas connected to biomass and interest in our support at questions of German and/ or European regulations.
2	Fabian	Fischer	fabian.fischer@hevs.ch	HESSO Valais	University	Switzerland	Nanopillars to facilitate electron harvest from bacterial micro grid	Initial work performed, we are active on microbial fuel cell research since many years and perform work on electricity production, hydrogen evolution, methane generation and phosphate recovery with bioelectric systems. We equally work on microalgae and biodiesel.	Nanosurface generation from biomass, metagenomics expertise, microscopy of microbes
3	Michael	Boot	m.d.boot@tue.nl	vertoro	SME	netherlands	crude lignin oil production from lignin + production of fuels, chemicals and resins from crude lignin oil	PPP with DSM, University Maastricht, and Eindhoven University of Technology	Lignin producer (e.g., 2G ethanol technology provider); phenolic resins producer; methanol provider; polyurethane producer
4,5	Daniel	Büchner	daniel.buechner@dbfz.de	DBFZ Deutsches Biomasseforschungszentrum	Research organisation	Germany		SmartBiomassHeat	
7	Aneta	Magdziarz	amagdzia@agh.edu.pl	AGH University of Science and Technology	University	Poland	ERA-NET	Network with Silesian University of Technology (SUT)	
9	Ramin	Mehrabian Bardar	ramin.mehrabian@bioenergy2020.eu	Bioenergy2020+ GmbH	Research organisation	Austria	Advanced thermal conversion of sludge	R&D expertise in the following fields: - Biomass conversion technologies (expertise & cooperation with numerous industry partners in the field of combustion, gasification, biogas, biofuels, micro- & small-scale CHP plants) - Biomass fuel characterisation (method development and extensive database of biomass fuels) - Automation/control (model-based control for conversion technologies, heat distribution / interaction with other RE) - Modelling and Simulation - Sustainable supply and value chains	Sewage sludge gasification scientific and industrial partner / Techno-economic analysis experts
11	Serge	Biollaz	serge.biollaz@psi.ch	Paul Scherrer Institut (PSI)/SCCER BIOSWEET	Research organisation	Switzerland	Best practice in raw gas sampling and analysis of agricultural biogas	Technology Monitoring, sampling & Analysis of Biogas in Switzerland	Technology Monitoring, sampling & Analysis of Biogas in Europe (same pain)
12	Julian	Walberer	<a href="mailto:julian.walberer@umsicht.fraunhofer.de">julian.walberer@umsicht.fraunhofer.de</a>	Fraunhofer UMSICHT	Research organisation	Germany	Development of a new downstream combustion system for woody biomass and residues	development and construction of biomass combustion plants	manufacturer for combustion unit , CFD and simulation
13	Jorge	Cifuentes	jicifuentes@ing.usac.edu.gt	University of San Carlos of Guatemala	University	Guatemala	Biogas from waste to power generation. "Bio-Power"	yes	yes
14	Martina	Haase	martina.haase@kit.edu	Karlsruhe Institute of Technology	Research organisation	Germany		Life cycle based sustainability assessment of biogenic value chains	
15	Timothy	Griffin	timothy.griffin@fhnw.ch	FHNW (Univ. Applied Sci, Northwestern Switz.)	University	Switzerland	district heating, small scale biomass to heat and power, hydrothermal conversion chains	combustion and gas turbines, Swiss utilities/electricity markets, manufacturers of wood combustion systems, hydrothermal processes, energy storage. DBFZ, BIOS, etc.	energy utilities, high temperature heat exchangers, novel combustion systems, etc.
16	Ludger	Eltrop	<a href="mailto:ludger.eltrop@ier.uni-stuttgart.de">ludger.eltrop@ier.uni-stuttgart.de</a>	IER University of Stuttgart	University	Germany	Small-scale biogas upgrading concepts for localized SNG/LNG provision	Energy system analysis and economic and environmental assessment of biogas and upgrading technologies	pilot plant installations, experiences in piloting new technologies,

17	Ehsan	Ali	ihsnalidr@gmail.com	Punjab Bio Energy Institute, University of Agriculture, Faisalabad, Pakistan	University	Pakistan	Introducing algae cultivation on saline lands for biofuel and animal feed	Well established Mass Cultivation of Algae for fresh water, Saline algae farming is in progress. Pakistan has about 27 million acres of saline land & the technologies for remediation are not well established to be adopted by farmers at individual level. Farmers need a cost effective & applied technology to get motivated towards cultivation of a new crop on saline lands. Algae cultivation is new in Pakistan but can be introduced to farmers if established at institutional level. Our Institute is searching & working for salt resistant algal strains with high biomass yield biofuel & biomolecules or animal feed. The issue is low productivity at high salt concentration. The medium being used is based on fertilizers & minerals to make the technology cost effective. Now, we are also looking for funds to make field trial in different parts of Pakistan for replication to other areas. A closed plastic transparent tubes system (Diameter 14 inches) is adopted to avoid dust & usual contamination in the targeted algal growth.	International partner/s are needed to search/design algal species with enhanced saline resistivity for better yield. International partners from countries having salinity problems may join us to have a joint project. We expect from partner to contribute for the enhancement of growth using high salt concentration.
18	Joanna	Surmacz-Górska	joanna.s.gorska@polsl.pl	Silesian University of Technology	University	Poland	Research on biogas production intensification at WWTP by the improvement of organic compounds/matter withdrawal from raw wastewater and introducing to the anaerobic digestion together with excess sludge and co-substrates. In order to improve organics withdrawal from raw wastewater we plan to use biosorbents produced on digestate.	environmental biotechnology, wastewater treatment, microbial activity assessment, N and P removal, Anammox,	
	Jérémy	Rimbon	jeremy.rimbon@kit.edu	KIT	University	Germany	Strategic planning for biogas plant based on data-driven techno-economic and environmental optimization	business engineering, techno-economic and environmental assessments, process modeling, kinetic modeling	run experiments on biomass transformation facilities to validate the model
	William	Hogland	william.hogland@lnu.se	Dept. of Biology and Environmental Science, Linnaeus University	University	Sweden	Biogas from waste for power	Biogas production in biocells and from household waste	
	Aneta	Magdziarz	amagdzia@agh.edu.pl	AGH University of Science and Technology	University	Poland	ERA-NET	AGH-Silesian University	
	Ernst	Höftberger	ernst.hoeffberger@bioenergy2020.eu	Bioenergy 2020+	Research organisation	Austria		Biomass conversion technologies (expertise and cooperation with numerous industry partners in the field of combustion, gasification, biogas, biofuels, micro- und small-scale CHP plants) // Biomass fuel characterisation (method development and extensive database of biomass fuels) // Automation and control (model-based control for conversion technologies, heat distribution and interaction with other RE) // Modelling and Simulation (virtual biomass conversion plant, model and software development, adaptive CFD) // Sustainable supply and value chains // micro-grids	
	Heiner	Brookman	heiner.brookman@hawk-hhg.de	HAWK Göttingen	Research organisation	Germany	biogas plants as back up power plants	HAWK Göttingen, Fachgebiet NEUTec: bioprocess engineering Hochschule Rottenburg: mechanical engineering Fraunhofer IWES: energy system technology	flexible biogas plants combustion engine technology energy system management
	Martin	Wittmaier	wittmaier@hs-bremen.de	Institut für Energie & Kreislaufwirtschaft; Hochschule Bremen GmbH	SME	Germany	Development of strategies and technical concepts to link biogas plants to a swarm to provide biogas on demand by liquefaction for alternative use.	see www.IEKrW.de	?
	Sebastian	Wolff	sebastian.wolff@hs-						
	Frank	Schünoneyer	frank.schuene-meyer@iwes.fraunhofer.de	Fraunhofer IWES	Research organisation	Germany		Biogas, Biomass, Power to gas, Biogas and PtG pilot plant station, laboratory,	
	Jachin	Gorre	jachin.gorre@hsr.ch	Hochschule für Technik Rapperswil	University	Switzerland	Combine a Power-to-Gas or Power-to-Liquid plant with a biogas plant or a wastewater treatment plant. Increase efficiency by using byproducts (heat + O <sub>2</sub> ) of the Power-to-Gas or Power-to-Liquid plant in other units of the system to have a higher efficiency in the whole system.	Power-to-Gas, Power-to-Liquid, Pilot plants	Yes, industrial partner who is interested in optimisation of biogas plant or wastewater treatment plant

	Olav	Hoffmann	olav.hoffmann@hs-bremen.de	University of Applied Sciences Bremen	University	Germany	Development of strategies and technical concepts to link biogas plants to a swarm to provide biogas on demand by liquefaction for alternative use	see www.IEKrW.de	?
	Anne	Geißler	anne.geissler@tu-dresden.de	Technische Universität Dresden Institut für Abfall- & Kreislaufwirtschaft	University	Germany		biological treatment, circular economy	