

Biomasseverband OÖ DI Matthias Raschka Auf der Gugl 3 4021 Linz Fachgruppe Ingenieurbüros
Sparte Information + Consulting
Wirtschaftskammer Oberösterreich
Hessenplatz 3 | 4020 Linz
T 05-90909-4721 | F 05-90909-4729
E ingenieurbueros@wkooe.at
W http://www.ingenieurbueros.at

Ihr Zeichen, Ihre Nachricht vom

Unser Zeichen, Sachbearbeiter

Durchwahl

Datum

WM/Eisenhuber

4721

29.04.2014

Recommendation Letter for the Biomass Association Upper Austria, Auf der Gugl 3, 4021 Linz

The Biomass Association Upper Austria was founded in 1992 as a turntable for the successful implementation of economic and ecological biomass projects with the central focus on biomass district heating systems. The Association is listed by the Upper Austrian Chamber of Commerce with number 157279.

The main aim is the independent and competent support of their members and the realization of biomass projects. The members of the Association are more than 300 consisting biomass district heating systems, biogas plants, companies and public institutions.

With their experience of more than 20 years they offer individual solutions for biomass projects and develop energy concepts for companies, communities and regions using their regional resources. They develop, plan and implement projects with a special focus on sustainability, environmental awareness, decentralized and regional output and high economic efficiency.

The main field of their business is designing, planning, building, supervising and valuation of complete biomass heating systems consisting of boiler systems and their feeding devices, dust separation and exhaust pipes of the boilers, the central heating installation including load balancing storages, district heating pipes and heat exchanging systems for heat costumer.

The optimization of consisting plants with a special quality management "qm-heizwerke" is also part of their special experience. The company is a member of the Austrian Association of Consulting Engineers. Further they have the possibility of consulting a Croatian native-speaker in their team.

Some references for biomass district heating projects - details of similar experience in the last 5 years (all projects are in Upper Austria):

<u>location</u>	<u>installed power</u>	heat supply	budget (€)
Andorf	2 MW + 1,4 MW + 1,2 MW biomass	20.000	6.000.000
Asten	6 MW biomass, 8 MW gas	5.100	6.000.000
Baumgartenberg	3 MW biomass + 0,25 MW waste heat	4.000	3.000.000









Frankenmarkt	3 MW + 2 MW biomass, 2,5 MW oil	13.500	8.000.000
Grieskirchen	3 MW + 0,5 MW biomass, 0,25 MW waste heat	6.000	3.600.000
Haid	6 MW biomass, 4 MW gas	3.300	5.100.000
Kirchschlag	0,8 MW + 0,32 MW biomass	1.500	1.400.000
Marchtrenk	4 MW biomass, 4 MW gas	3.300	5.100.000
Nußbach	2 x 1 MW biomass	5.500	2.500.000
Perg	5 MW + 1,65 MW biomass	18.000	8.800.000
Steegen	1 MW + 0,5 MW biomass	500	1.100.000

Yours sincerly,

Ing. Mag. Thomas Wolfmayr MBA managing director

WIRTSCHAFTSKAMMER OBERÖSTERREICH

Sparte Information • Consulting

Fachgruppe OÖ Ingenieurbüros