



Overview of FBCs in Austria: Current Status and Developments

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Industrial Fluidized Bed Combustors in Austria





Industrial Fluidized Bed Combustors in Austria

owner / location	year	type	capacity	fuels
Sappi Austria / Gratkorn	1981	CFBC	25 MW	Bark, sludge, biogas, natural gas
Sappi Austria / Gratkorn	1986	CFBC	133 MW	Coal, sludge, biogas, natural gas
Norske-Skog / Bruck a.d. Mur	1984	BFBC	15 MW	Bark, coal, sludge, biogas, natural gas
Verbund / Zeltweg*)	1998	CFBG	10 MW	Wood
ENAGES / Niklasdorf	2004	BFBC	40 MW	MSW, industrial waste, wooden residue, sewage sludge
Lenzing AG / Lenzing	1987	CFBC	108 MW	Bark, coal, sludge, wood residue, oil
RVL / Lenzing	1998	CFBC	110 MW	Plastics, waste, sludge, wood residue
Solvay / Ebensee	1987	CFBC	43 MW	Coal, wood waste
UPM Kymmene Austria / Steyermuehl	1994	CFBC	48 MW	Bark, wood, wood residues, sludge
Energie AG Oberösterreich / Timelkam	2006	FBC	49 MW	Wood, wood residues, bark, sawdust
M-real Hallein AG / Hallein	2006	BFBC	30 MW	Wood chips

BFBC bubbling fluidized bed combustor

FICFBC fast internal circulating fluidized bed combustor

DFBG dual fluidized bed gasifier

*) not in operation, **) operation starts

CFBC circulating fluidized bed combustor

CFBG circulating fluidized bed gasifier

RFBC rotating fluidized bed combustor



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owner / location	year	type	capacity	fuels
Mondi Packaging AG / Frantschach – St. Gertraud im Lavanttal	1984	CFBC	61 MW	Bark, coal, sewage sludge, heavy oil
Funder / St.Veit a.d. Glan	1990	FICFBC	33 MW	Bark, sludge, sawdust, wooden residue, plastics
ABRG / Arnoldstein	2000	FBC	8 MW	oils, emulsions, wooden residue, sludges, plastics
Hamburger / Pitten	1984	BFBC	65 MW	Coal, biogas, sewage sludge
AWA Bad Vöslau / Bad Vöslau	2003	BFBC	1 MW	Sewage sludge
Fernwärme Wien / Vienna	1992	FBC	3 x 25 MW	Sewage sludge
Fernwärme Wien / Vienna	2003	RFBC	40 MW	Municipal Solid waste, sewage sludge
Wien Energie Bundesforste Biomasse Kraftwerk (WEBBK) / Wien-Simmering	2006	CFBC	66 MW	Forest Residue
Biomassekraftwerk-Heiligenkreuz Errichtungs-GmbH / Heiligenkreuz	2006	BFBC	43 MW	Forest Residue
BKG GmbH / Guessing	2001	FICFB	8 MW	Wood chips, wood residues
Energie Oberwart GmbH/ Oberwart	2008	FICFB	10 MW	Wood chips

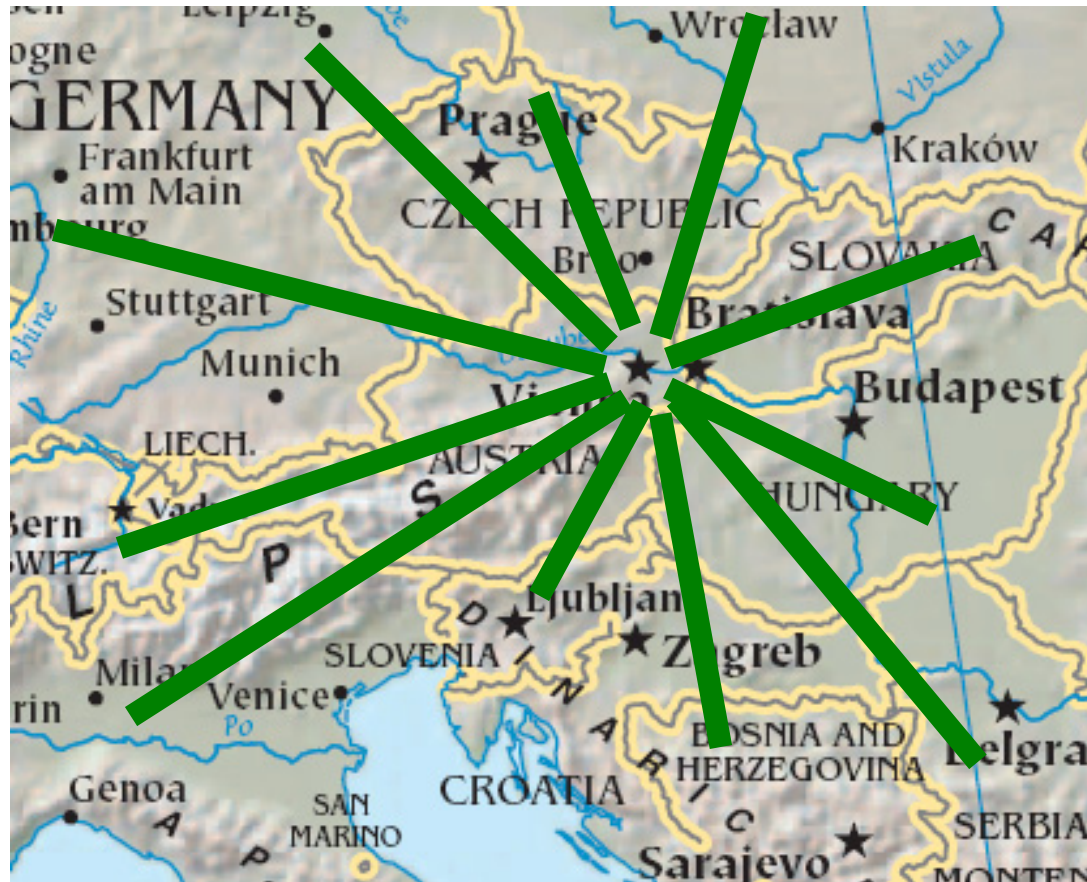
BFBC bubbling fluidized bed combustor
 FICFBC fast internal circulating fluidized bed combustor
 DFBG dual fluidized bed gasifier

CFBC circulating fluidized bed combustor
 CFBG circulating fluidized bed gasifier
 RFBC rotating fluidized bed combustor

*) not in operation



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Our activities:

- plant visits
- meetings of operators
- database
- information exchange



International Energy Agency – Fluidized Bed Conversion Network

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