



**Energy with care about  
nature**

➤ Biogas plant design and planning

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➤ Biogas plant equipment

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➤ Construction & engineering services

- Since 2007, offices in Switzerland and Ukraine

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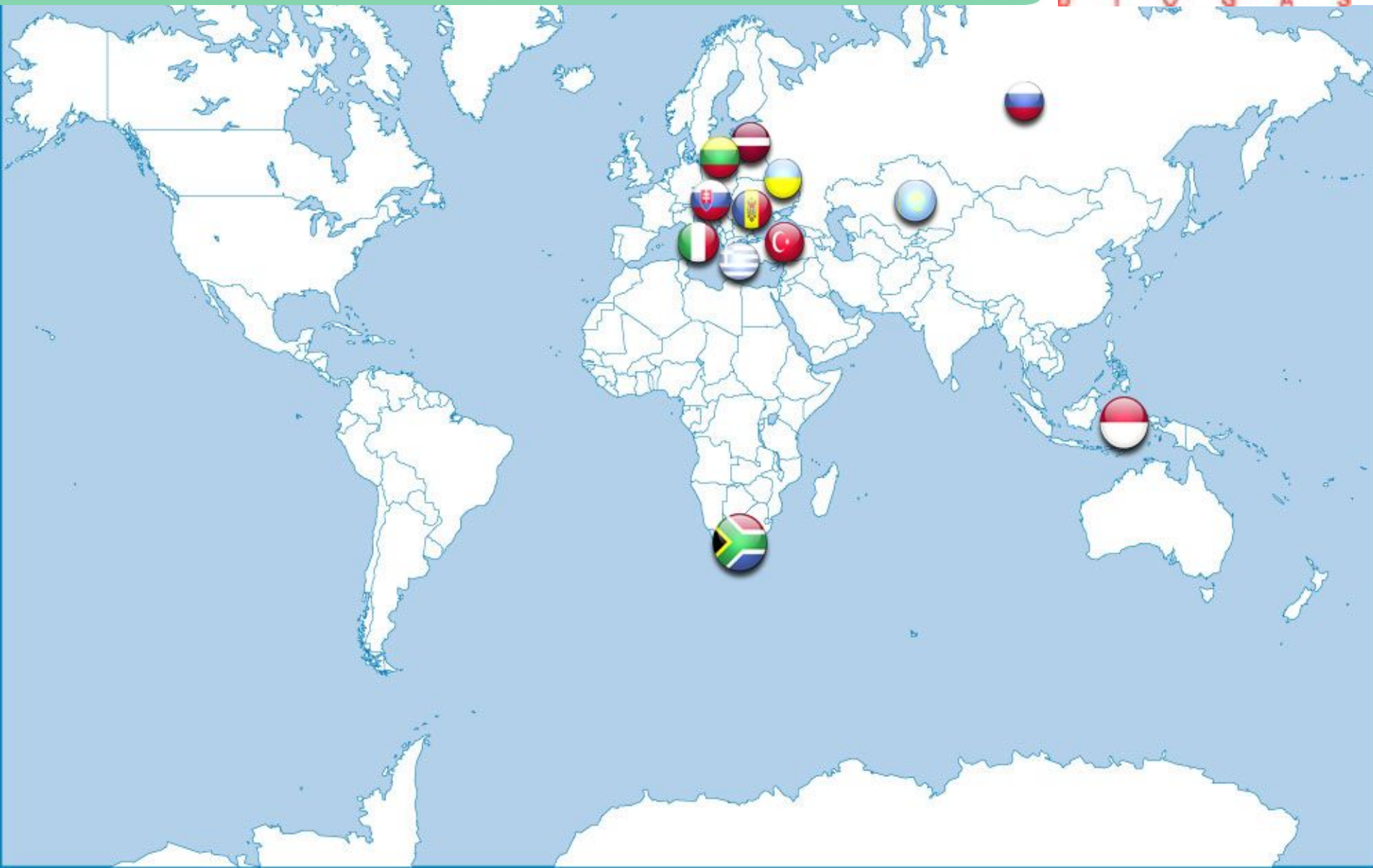
- Portfolio of 54 biogas projects from 0,1 MW to 20 MW el. in 14 countries

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- professional engineers, years of design and construction outsized civil constructions, wastewater treatment plants, power stations

# Global presence

**ZORG**  
B I O G A S



# Biogas equipment

**ZORG**  
B I O G A S

Quality. Always.



# Some references



Biogas plant  
Vircaiva, Latvia  
30 ton/day of maize silage  
Reactors 2400 m<sup>3</sup> + 1400 m<sup>3</sup>  
CHP Deutz 600 KW el.

2011



# Some references



Biogas plant  
Velikiy Krupil, Ukraine  
diluted cattle manure  
300 ton/day, wet 96%  
Reactors 2400 m<sup>3</sup> x 3  
CHP Jenbacher 635 kW el

2008

# Some references



Biogas plant  
Cicekdagi, Turkey  
cattle & sheep manure mix  
44 ton/day  
reactor 1800 m<sup>3</sup>  
CHP Jenbacher 250 kW el.  
2011



# Raw materials for biogas

## Farm wastes:

- pig manure
- cow manure
- poultry dung
- chicken dung



## Food industry wastes:

- Sugar beet press pulp
- Distillery wastewater
- Beer grain
- Starch pulp
- Milk whey
- Fruit and vegetable juice press pulp



## Municipal solid wastes

# Energy crops

Agriculture for food



Energy agriculture



- **Price.** If You find cheaper we would return You the difference

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- **Technologies.** We have not only simple for manure and silage but many others.

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- **Terms.** We able to design, procure and construct a biogas plant in 4 months if You pay us good. And in 6-8 months if standard payments



# Thanks!

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