

ONE PRINCIPLE - MANY APPLICATIONS.

ZEE straw gasification systems emit clean, renewable energy for a wide range of applications:



EVEN YOU CAN TURN STRAW INTO GOLD!

ZeroEmissionEnergy powers your success with a clear conscience.
Take advantage of our expertise!



- Are you interested in further information ?
- Do you want to know whether you can benefit from **ZeroEmissionEnergy** and to what extent?
- Do you already have a concrete project and detailed questions?

Get in touch with us!
Together we can find out how you can implement **ZeroEmissionEnergy** successfully.

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The extraction of energy from renewable raw materials is gaining importance at a fast pace in global energy management. Straw is a raw material which is globally available in many forms and which still hasn't been exploited efficiently.

Being a by-product of agriculture, straw is a "waste" product that remains largely unused. The amount of such biomass produced in Germany alone corresponds to an energy value of several million tonnes of heating oil!

By exploiting this renewable raw material, you can achieve significant cost savings in energy production and help preserve the limited resources of fossil fuels.

The patented **ZeroEmissionEnergy**-technology now enables economical production of clean, renewable energy from straw and many other raw materials considered as "waste".

The technology is mature, tried-and-tested, and can be used anywhere in the world.



THE ALL-ROUND BETTER WAY OF GENERATING BIOENERGY.

- Approx. 30 % improved biomass utilisation*
- Significantly lower raw material costs**
- Low purchase and maintenance costs, faster ROI
- Long lifespan (> 20 years)***

* when compared to biogas plants
 ** when compared to fossil fuels
 *** with regular maintenance

- Can be operated with various raw materials considered as "waste"
- Generation of energy, which can be reused as hot air/water, steam, cooling energy and electricity
- Wide range of applications in agriculture, trade, industry and municipalities

- 100% CO₂-neutral, zero-emission gasification technology
- End products: energy and pure white ash
- Compliance with the strict German TA-Luft requirements WITHOUT filter systems



- Straightforward, very robust technology
- Scalable module for various plant sizes
- Simple to operate and maintain

ZEE straw gasification systems are established and proved equipment:

