

# Production of sustainable energy based on the principles of circular economy

By using innovative technology we can reduce your energy costs or waste management expenses.

Contact us to prepare a tailor-made solution.

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**„Get rid of energy worries with our technology that enables local and independent energy production and enhances your cost structure.“**

JUDr. Jan Pauly, CEO

- Savings up to 140 million CZK/ year (at a price of 50 EUR per MWh)
- Investment costs of 240 EUR/ MW of produced gas
- Operating costs up to 40 EUR/ MW of produced gas
- Up to 3 tons/ hour of processed input material
- From 1 ton of waste approximately 3 MW of gas produced
- Up to 8 000 hours of annual operation
- Up to 24 000 tons of annual capacity



Synthetic gas,  
which is a substitute  
for natural gas



Production of  
electric or  
thermal energy



Production of  
hydrogen,  
methanol, or other  
substances

## Benefits of our technology

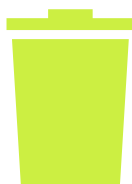
**REDUCING** your energy costs and increase the profitability of your company.

**CREATING** a natural gas alternative, reducing your energy suppliers dependency.

**OPTIMIZING** waste disposal costs by utilizing them as an energy source.

**ELIMINATING** the generation of harmful emissions and greenhouse gases, contributing to climate protection.

**PROVIDING** an environmentally friendly and efficient energy source from waste products.



Innovative technology of high temperature waste gasification. The main product is clean synthesis gas with a material useable inert vitrified residue, instead of ash. The technology also generates a significant amount of usable process heat.

