

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 taylor-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



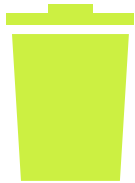
Production of electric or thermal energy



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.

evolutiON SYSTEM TECHNICAL SCHEME

