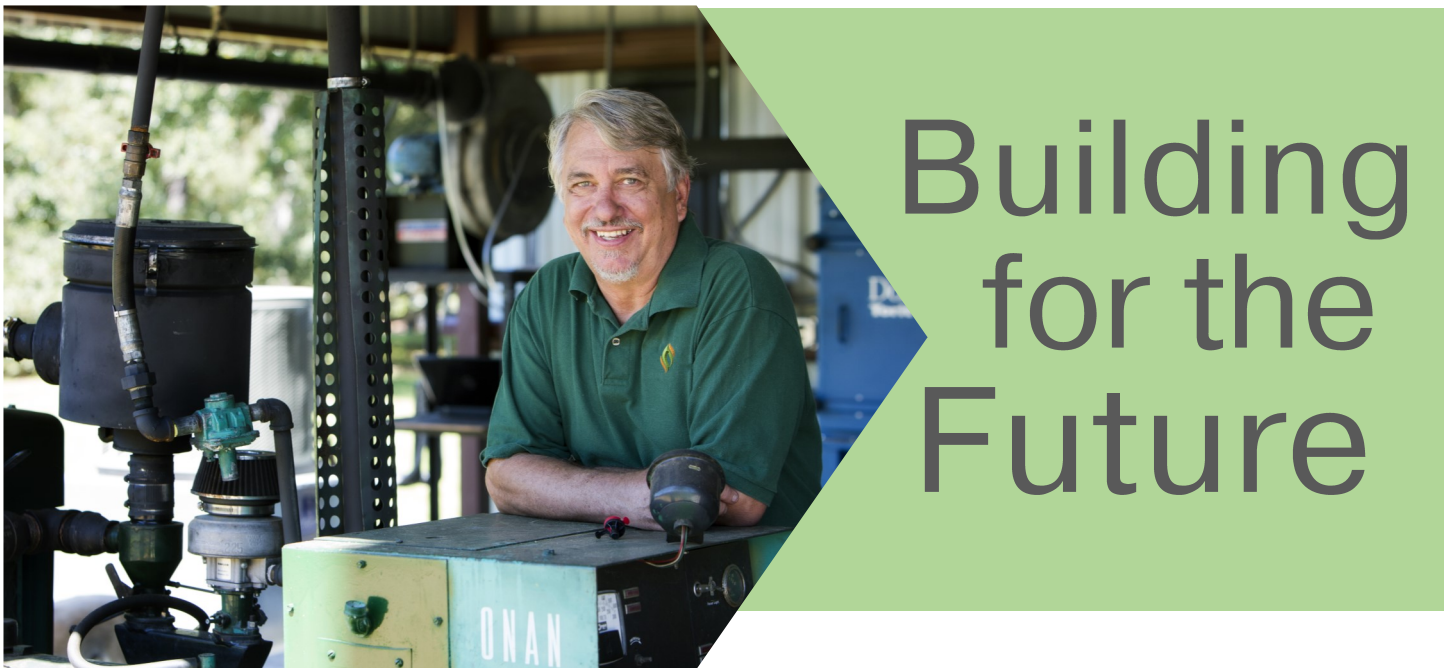


WASTE^{TO}ENERGY SYSTEMS

bioHearth®

precision gasification
at your fingertips





“After building three generations of successfully functioning machines, I decided that it was my opportunity and duty to bring this amazing technology to the world to help preserve it for future generations.” – Richard Woods, CEO of Waste to Energy Systems



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Why gasification?

Gasification taken to the next level.

You may have heard of gasification before but our team at Waste to Energy Systems has taken it to the next level.

We have developed a safe, efficient powerhouse to convert your waste to energy.

- Take advantage of untapped waste streams full of energy potential and cost savings.
- Proactively reduce your dependency on shrinking landfill space by adding on site processing with bioHearth®.
- Create green collared jobs to boost your local economy.
- Empower your green initiative with a system that works.



green
energy
made
SIMPLE

The bioHearth® Advantage



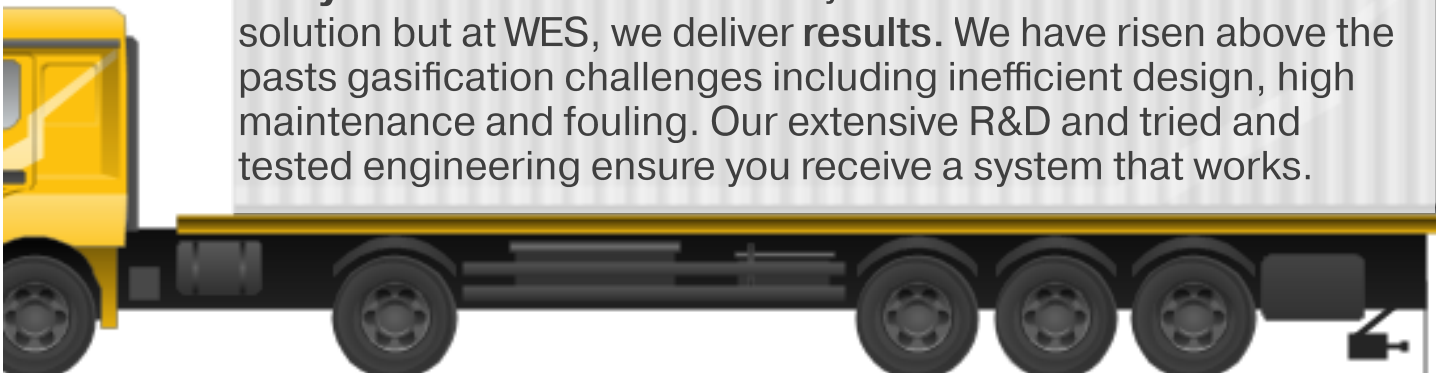
Follow the renewable energy trend of solar and wind but with a system that works year round and isn't dependent on your location.

CARBON NEUTRAL + LOW EMISSIONS + ENERGY INDEPENDENCE

We pride ourselves in providing a safe and efficient alternative for applications across the globe, from large manufacturing operations to hotels to relieving stress on landfills. The bioHearth® system offers:

- high-grade construction that meets ASME industry regulations
- 24 hour operation with self-cleaning capability
- a re-usable waste byproduct known as biochar
- feedstock flexibility
- minimal maintenance time which saves you money
- small footprint (size of a shipping container) brings the system to you

Why bioHearth®? Past systems have claimed to be the solution but at WES, we deliver **results**. We have risen above the pasts gasification challenges including inefficient design, high maintenance and fouling. Our extensive R&D and tried and tested engineering ensure you receive a system that works.



**Experience RESULTS with green energy
made SIMPLE.**

Available bioHearth® Systems

200 kW

Power equivalent to
20– 40 homes

Uses up to 400/lb of
fuel per hour.

500 kW

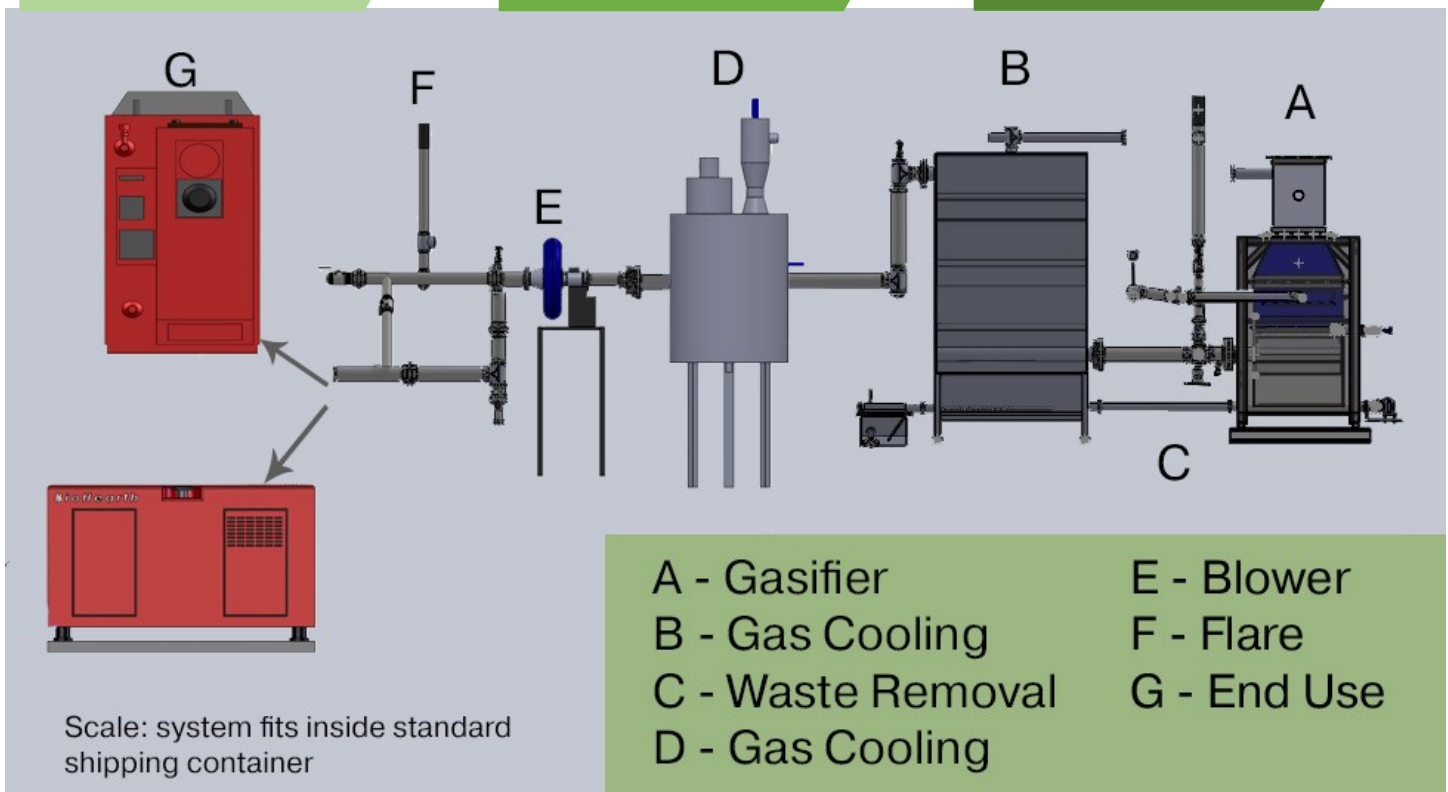
Power equivalent to
50 – 100 homes.

Uses up to 1,250/lb
of fuel per hour.

1 MW

Power equivalent of
up to 200 homes.

Processes up to 1
ton of fuel per hour.



The bioHearth® downdraft gasification system is the simple, affordable waste to energy solution.

Included: gasification unit, cooling & cleaning system, filtration system, fuel delivery, waste removal system, and PLC automation. For more details, visit our website.

Why is bioHearth® a downdraft gasifier?


Ask our experts about downdraft gasification and they all agree it is the cleanest, most efficient and straightforward design.



Connect with us

Let's get started on your BIOHEARTH® project

Contact our knowledgeable team to get answers, we are happy to help!

- 
- ⇒ Visit our website.
 - ⇒ Contact us.
 - ⇒ Schedule a meeting.
 - ⇒ Get a customized quote.

Visit our informational website:



<https://wastetoenergysystems.com>

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