



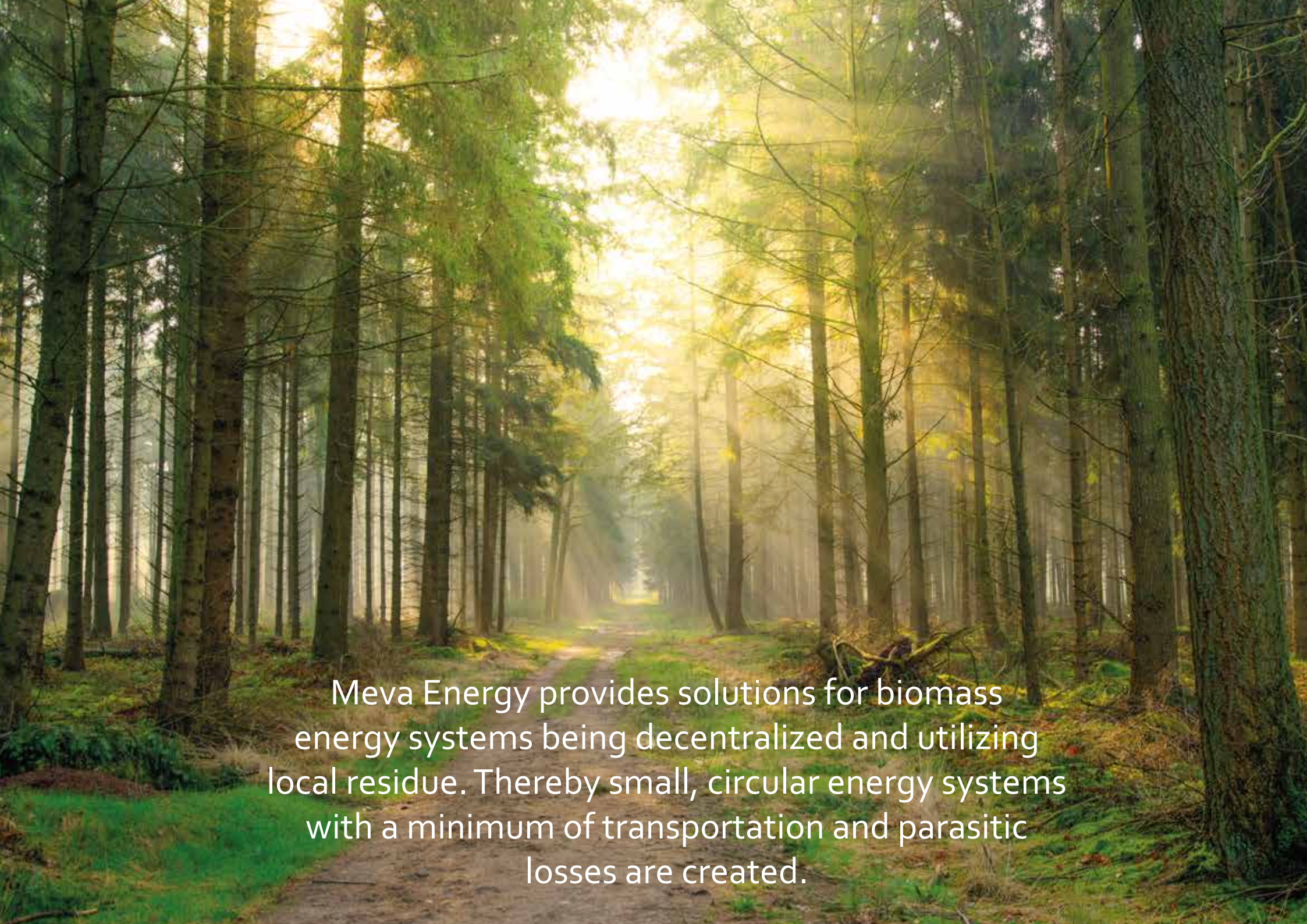
We provide renewable:

- Power and heat (CHP)
- or
- Industrial burner gas

Produced at your production site

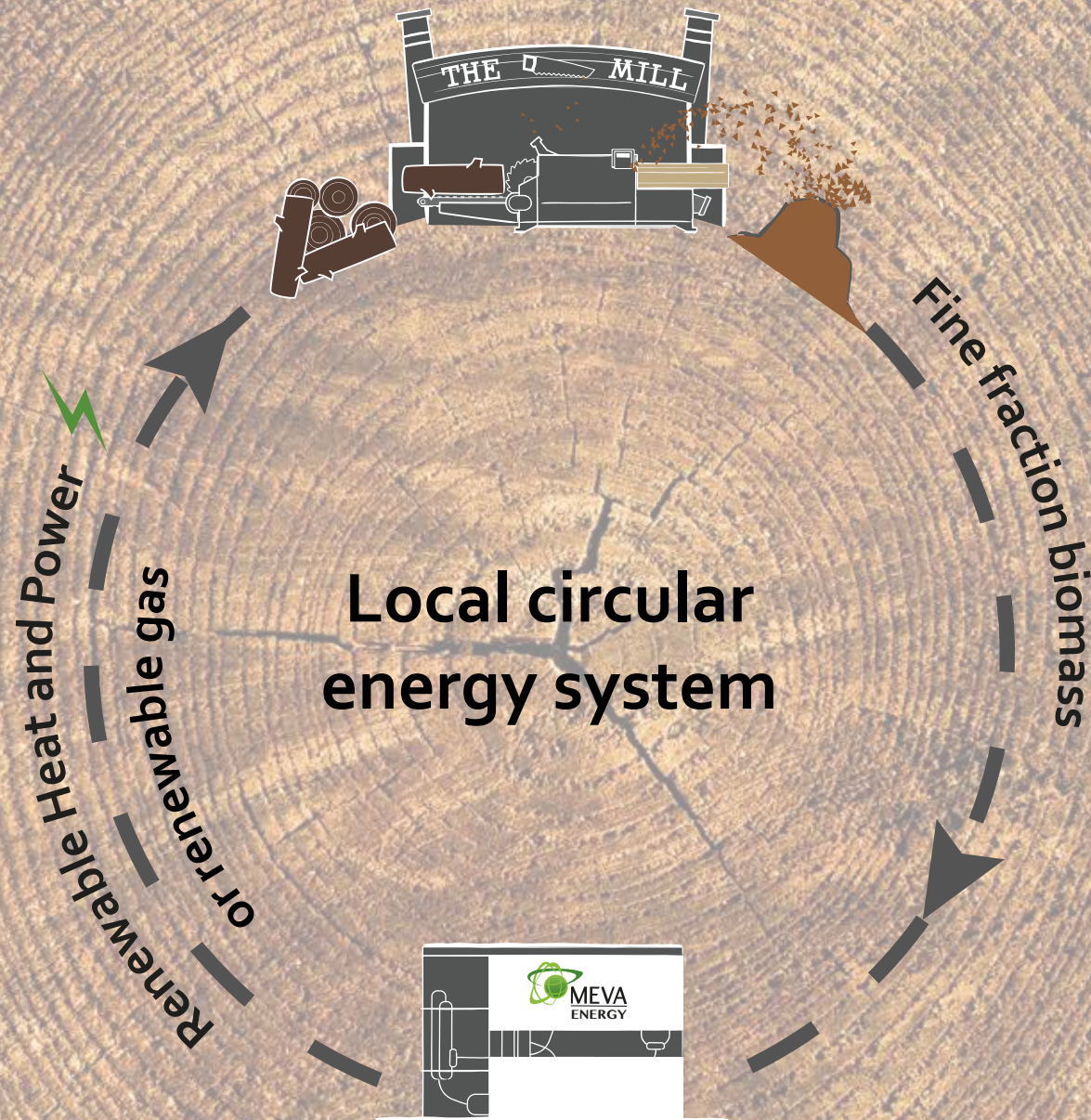
Fossil free

Meva Energy seeks to encourage natural cycles and help nature spread it's colors by reducing mankind's dependency on fossil resources.

A photograph of a forest path. The path is a narrow, light-colored trail that leads from the foreground into the distance, disappearing into a misty forest. The trees are tall, thin, and mostly evergreen, with some deciduous trees showing yellowing leaves. Sunlight filters through the canopy, creating a warm, golden glow and long, soft shadows on the path and the forest floor. The ground is covered in moss, fallen leaves, and small plants. The overall atmosphere is serene and quiet.

Meva Energy provides solutions for biomass energy systems being decentralized and utilizing local residue. Thereby small, circular energy systems with a minimum of transportation and parasitic losses are created.





Pre-fabricated biomass gasification modules



A solution for several industries

Gas application



Building materials



Ceramics



Ferrous metals



Food



Glass



Gypsum



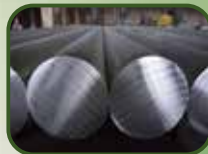
Hot Water & Steam



Incineration



Mining



Non-Ferrous metals



Paper & printing



Power Generation



Textiles

CHP application

Manufacturing industries with need of both heat and power





Combined heat and power

1,2 MW electrical output

2,4 MW thermal output

1 ton biomass/hour

Biochar sidestream

Remote supervision

District heating connection Meva
plant in Hortlax, Piteå

A photograph of a snowy forest path. The path is covered in a thick layer of snow, and the trees on either side are also covered in snow. Sunlight is filtering through the trees, creating a warm, golden glow in the background. The overall scene is peaceful and serene.

High efficiency with lean-burn gas engines

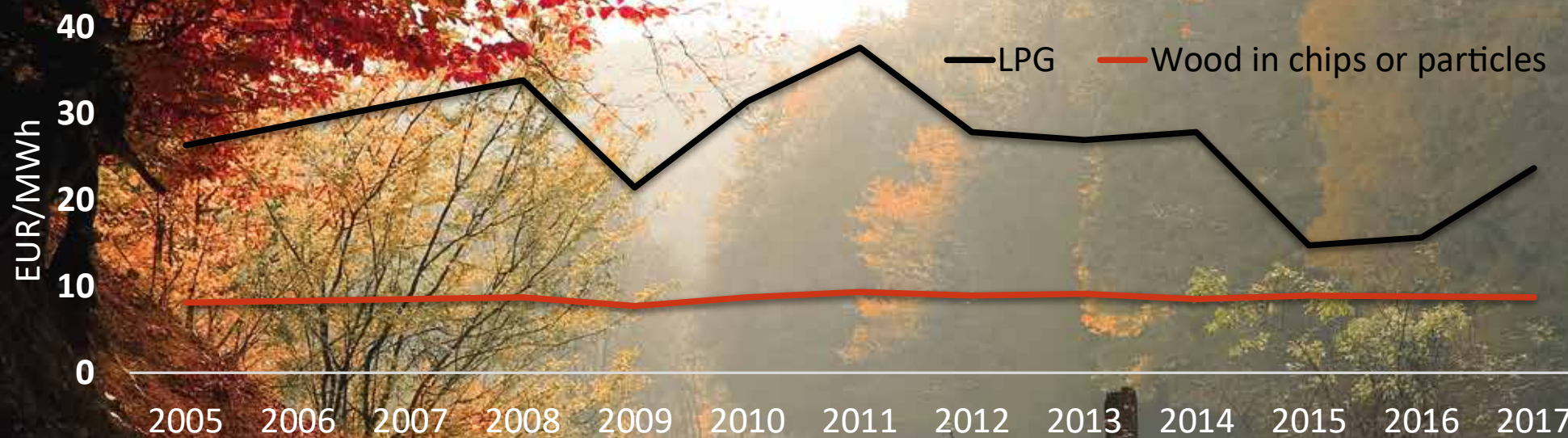
*"Meva Energy's gasification process is to date **the best gasification technology** we have evaluated and tested, and the **only one functional with lean-burn gas engines**"*

-Keith Packham, Technical director, Cummins Inc.

Meva Energy's plants generates extremely consistent high quality syngas



**Power
Generation**



Low-cost renewable biogas
-or high cost, volatile, fossil gas?

Replace fossil gas in industrial burners

Extra suitable for applications with high demands on:

- No odor or visual imperfections on the product
- Full flame stability, i.e. controlled heat
- Low levels of particles in exhaust gases



Results verified by Swedish research institute, RISE

3,5 MW gas output

1 MW heat output

1 ton biomass/hour

Biochar substream

No feedstock fine limit

6,3-6,5 MJ/NM₃ dry gas heating value LHV



www.mevaenergy.com