

C.O.W.

Circular Organic Waste

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Project Information (EN)

An open source cooking station with self-sufficient energy generation

Organic waste is a resource from which cooking gas and bio-fertilizer can be generated through the bacterial decomposition of plant residues and manure. The cooking station utilizes this process, locally providing independent energy for food preparation/production, strengthening social interactions within the community and relating energy use to consumption in a tangible way. The open access blueprint empowers anyone to start their own gas production using low-cost common finished products.

Image List

Filename	Caption	Credit
titel1_1694377729.jpg	Circular Organic Waste	photo: Bjoern Naumann, Karl Schinkel
547-bjoernnaumann-karlschinkel-03_1694439803.jpg	cooking area	Bjoern Naumann, Karl Schinkel
547-bjoernnaumann-karlschinkel-02_1694439846.jpg	gas storage	Bjoern Naumann, Karl Schinkel
547-bjoernnaumann-karlschinkel-04_1694439852.jpg	feeding the fermentor	Bjoern Naumann, Karl Schinkel
547-bjoernnaumann-karlschinkel-01_1694439858.jpg	the open-source blueprint	Bjoern Naumann, Karl Schinkel

The images above are included in the ZIP under /images.