



Mother Earth

GAIA originates from Greek mythology.

GAIA is goddess and Mother of Earth.
She was born from an eggshell and the nutrition from the eggshell contributed to the Earth's vegetation.



GAIA and the eggshell

An eggshell consists of 95% calcium carbonate and 5% protein.

The quest to simulate one of nature's greatest packaging material led us to develop our own biomaterial, Biodolomer®

GAIA follows the UN Agenda 21 guidelines from Rio 1992



- Make plastics free from fossil resources
- Use as little as possible of the earth's resources
- Use renewable resources that can be converted into energy
- Create a humane world for the coming generations

Biodolomer® Compound



- Available for all major conversion technologies
- Ready to use in existing production equipment
- EN 134 32 certified up to 1 mm (Industrial Composting)

A close cooperation between future-minded partners





Renewable materials in Biodolomer®

- Calcium carbonate
- Starch
- Vegetable oil
- Grain
- Biodegradable polyester



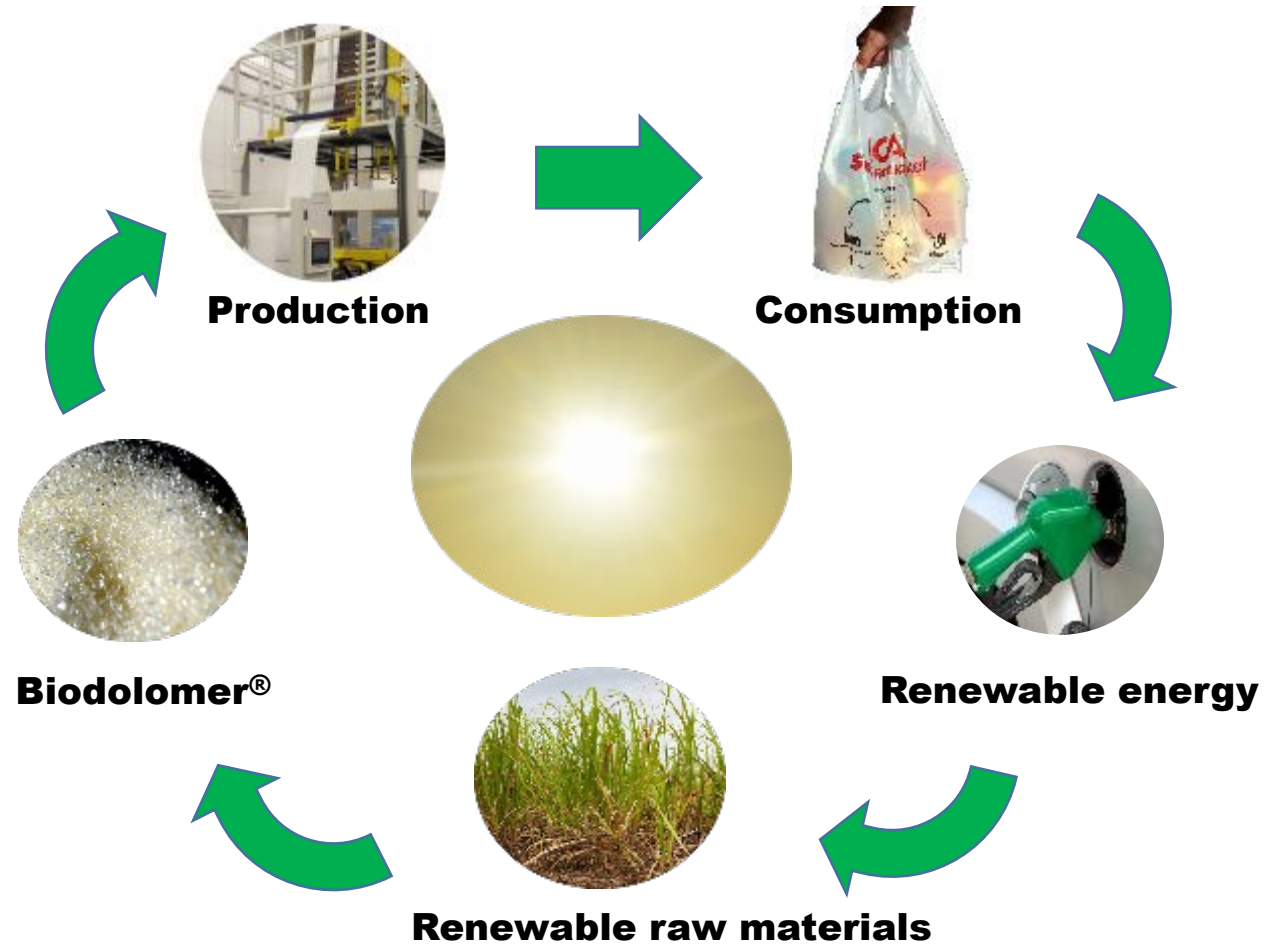
GAIA



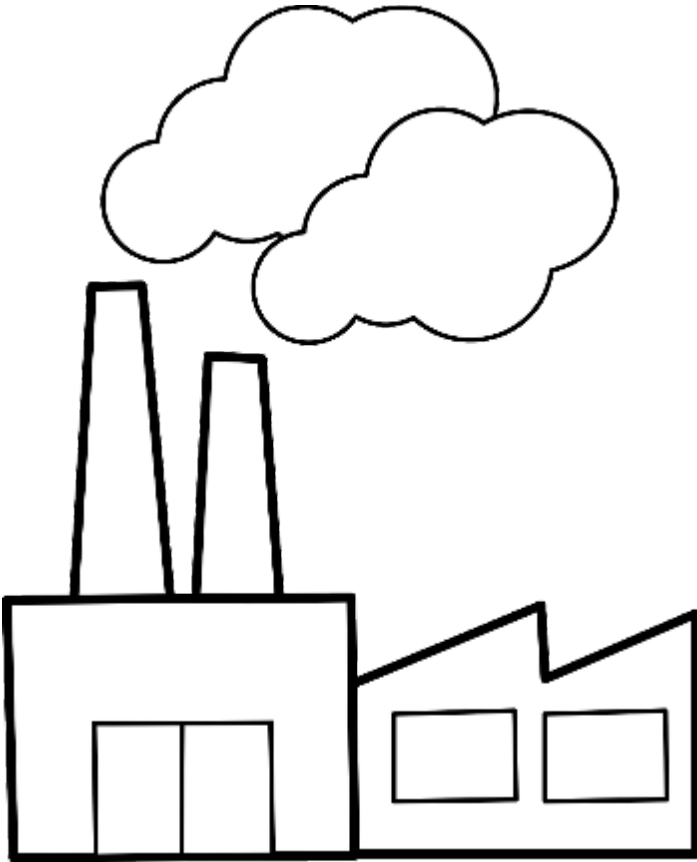
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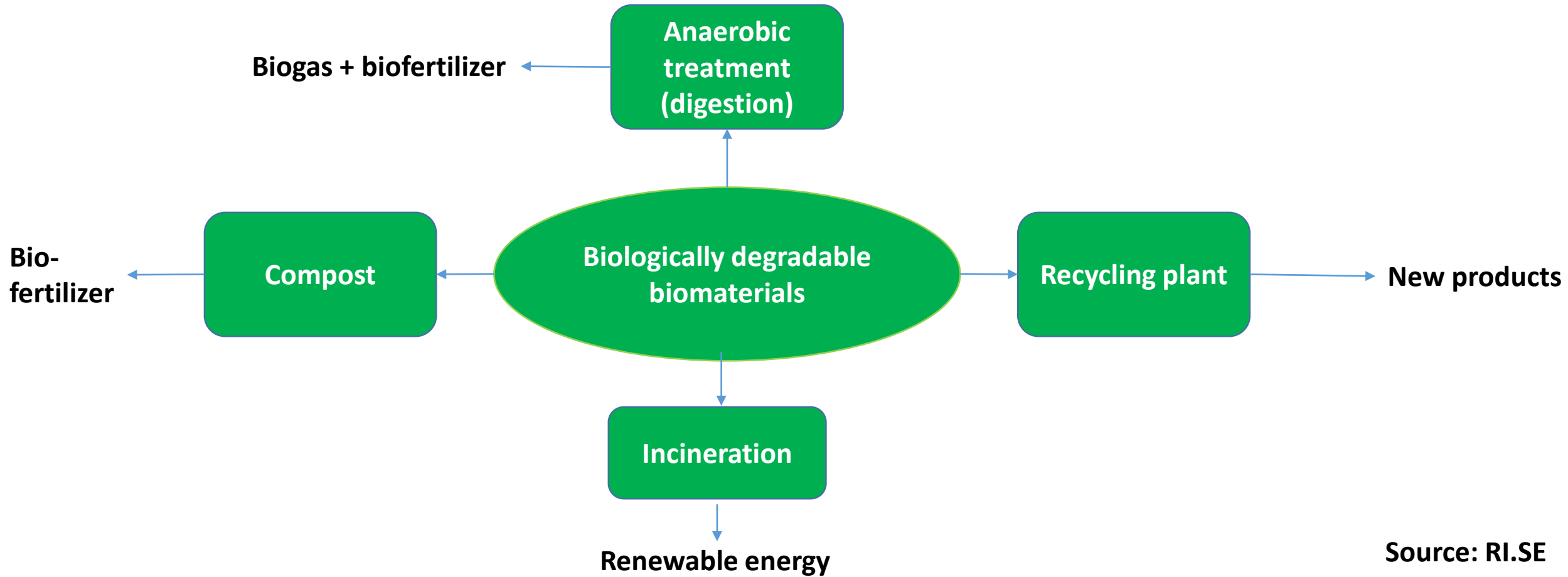
A circular economy



A climate neutral material

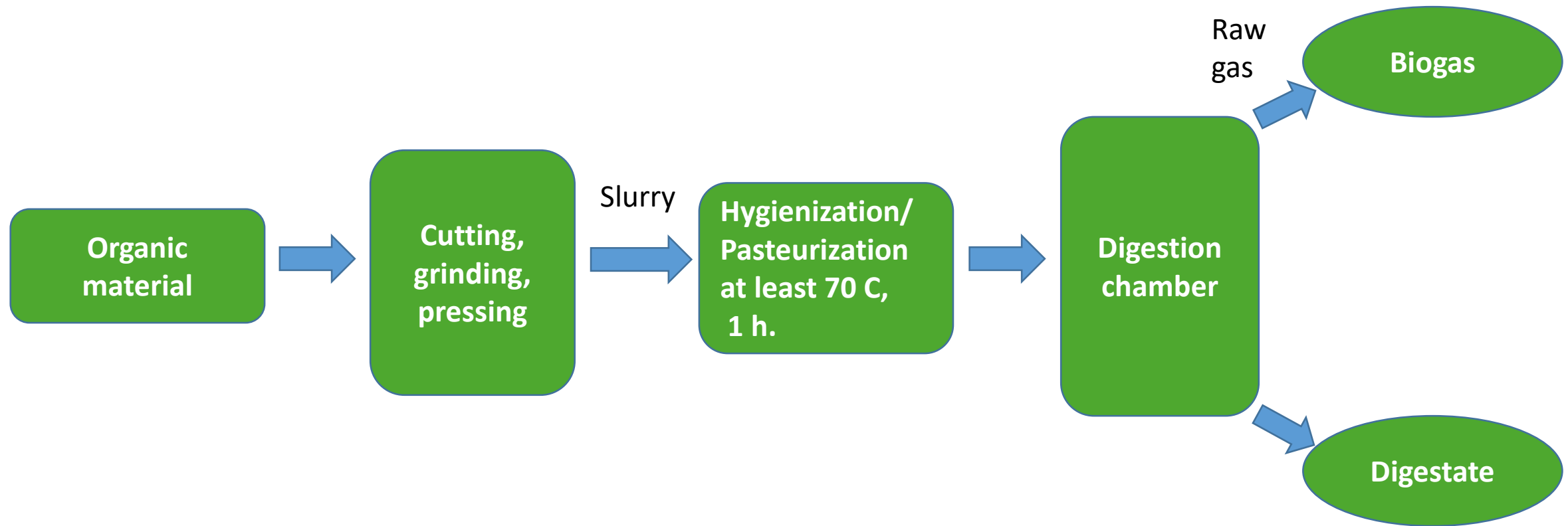


One of the goals with the Biodolomer for LIFE project is to make the Biodolomer® close to climate neutral.



Source: RI.SE

Biologically degradable bioplastics



Source: RI.SE

Biodolomer[®] for Life

- A fully renewable & biodegradable packaging material is possible
- Low CO and CO₂ emissions when incinerated
- Improved shelf life for packaged food

The world belongs to all of us - Lets make it a humane place



Thank you for listening!

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