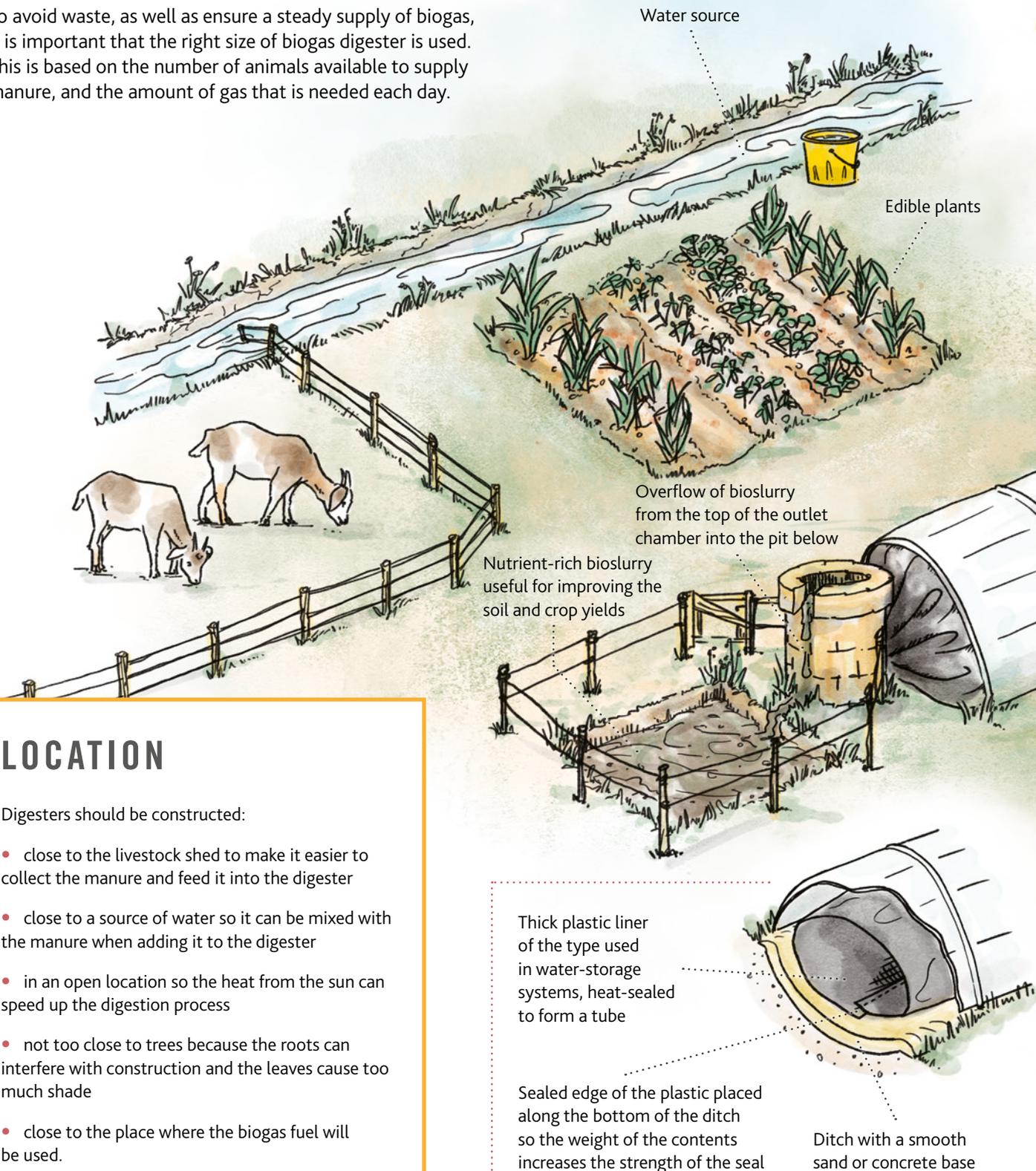


HOW BIOGAS DIGESTERS WORK

Biogas digesters use animal manure to provide a clean and sustainable cooking fuel.

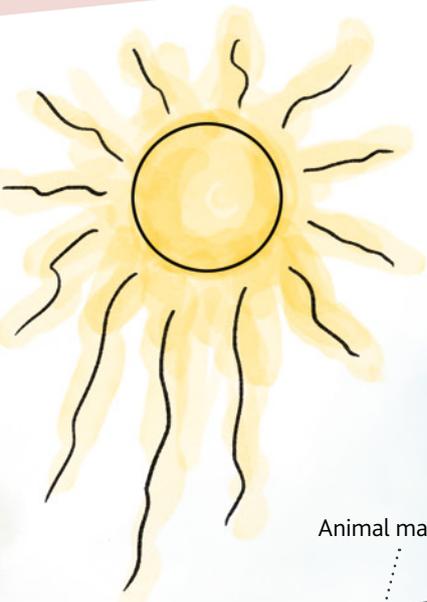
To avoid waste, as well as ensure a steady supply of biogas, it is important that the right size of biogas digester is used. This is based on the number of animals available to supply manure, and the amount of gas that is needed each day.



LOCATION

Digesters should be constructed:

- close to the livestock shed to make it easier to collect the manure and feed it into the digester
- close to a source of water so it can be mixed with the manure when adding it to the digester
- in an open location so the heat from the sun can speed up the digestion process
- not too close to trees because the roots can interfere with construction and the leaves cause too much shade
- close to the place where the biogas fuel will be used.



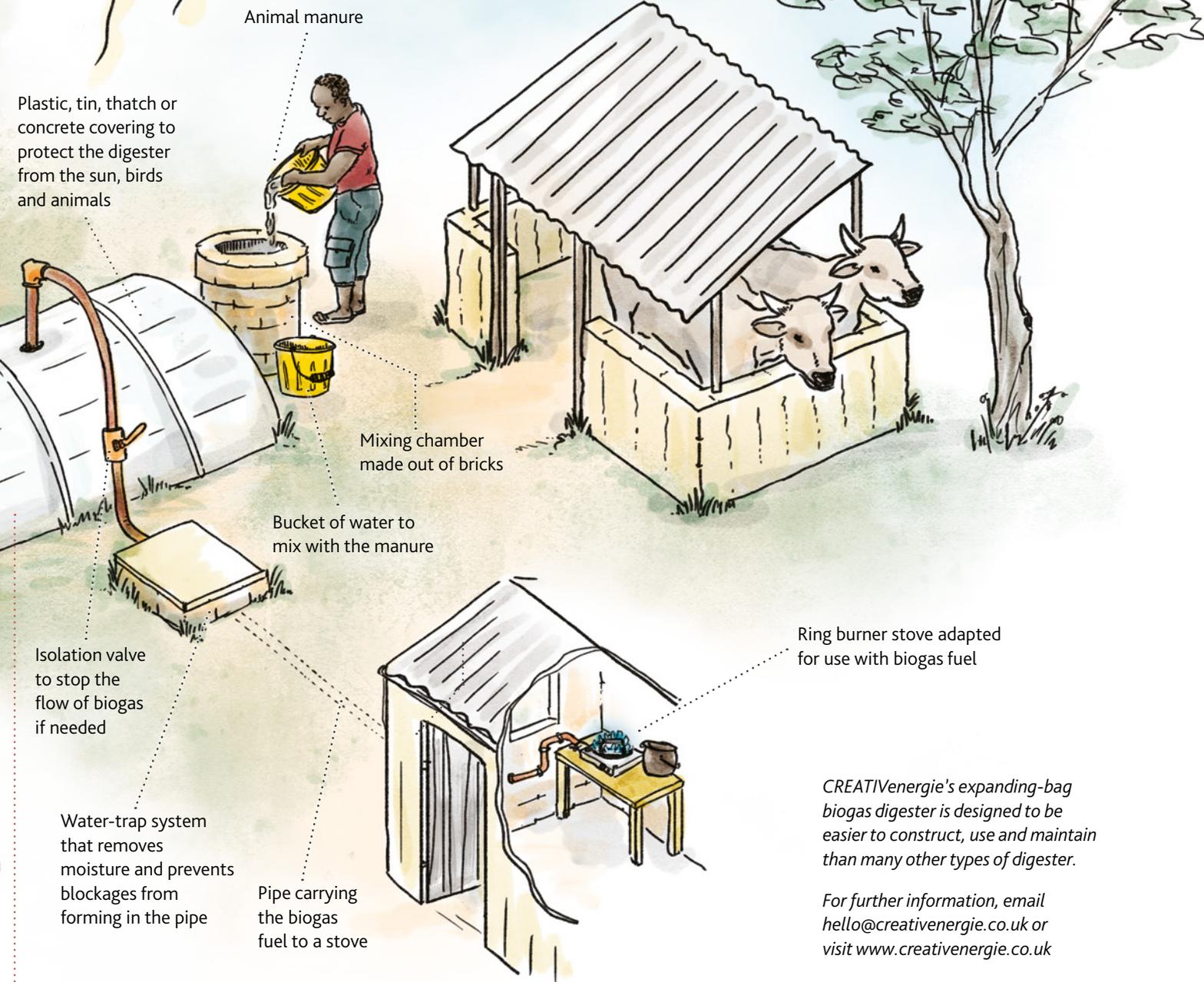
STEADY SUPPLY

It takes approximately 20-30 days for the digester to start producing biogas fuel after manure is loaded for the first time.

The digester needs to be fed regularly to maintain the digestion process and ensure a steady supply of fuel.



☑ A well-managed biogas digester will provide a consistent supply of fuel for cooking.
Photo: Tze-Hung Seeto/CREATIVenergie



CREATIVenergie's expanding-bag biogas digester is designed to be easier to construct, use and maintain than many other types of digester.

For further information, email hello@creativenergie.co.uk or visit www.creativenergie.co.uk