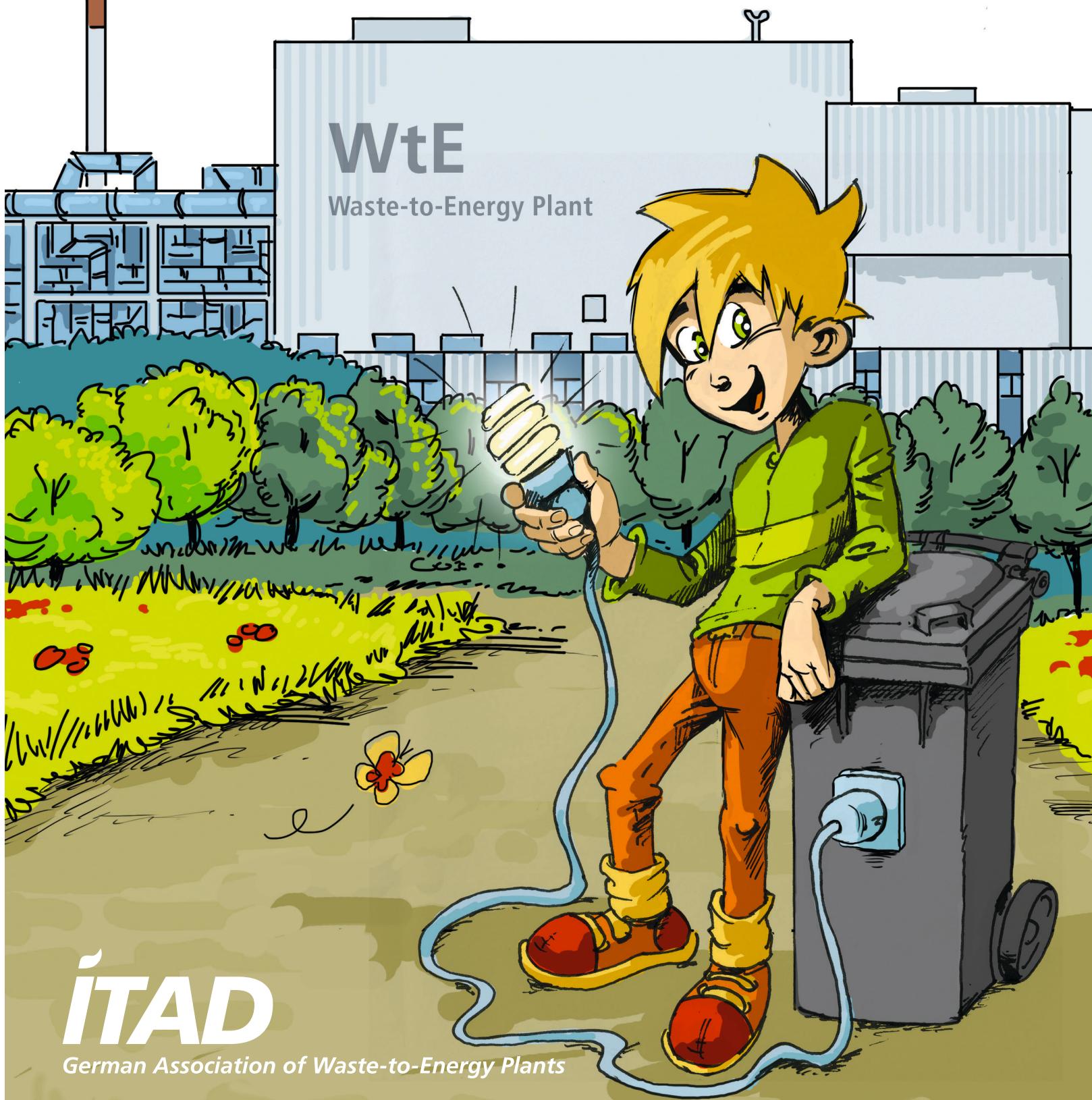


TURNING WASTE INTO ENERGY? HOW DOES THAT WORK?

THOMAS' ADVENTURE IN
A WASTE-TO-ENERGY PLANT



ITAD

German Association of Waste-to-Energy Plants



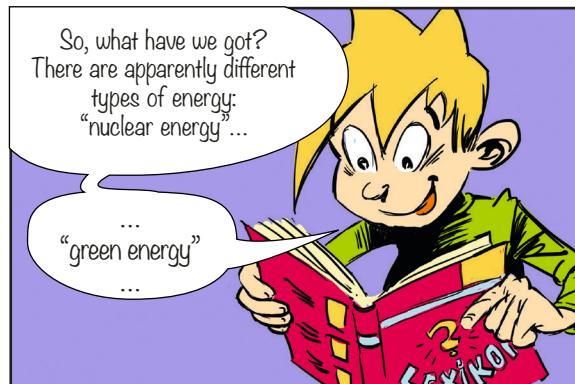
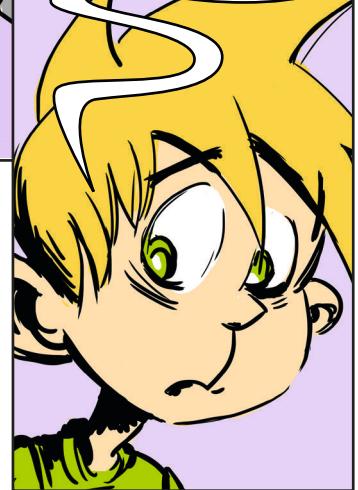
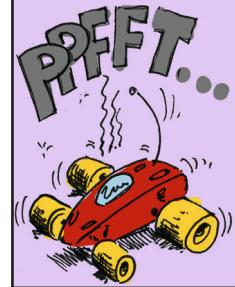
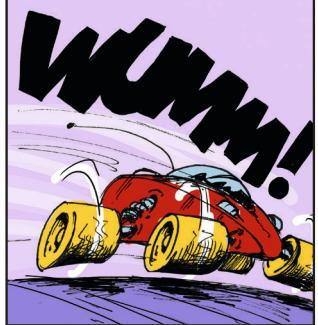
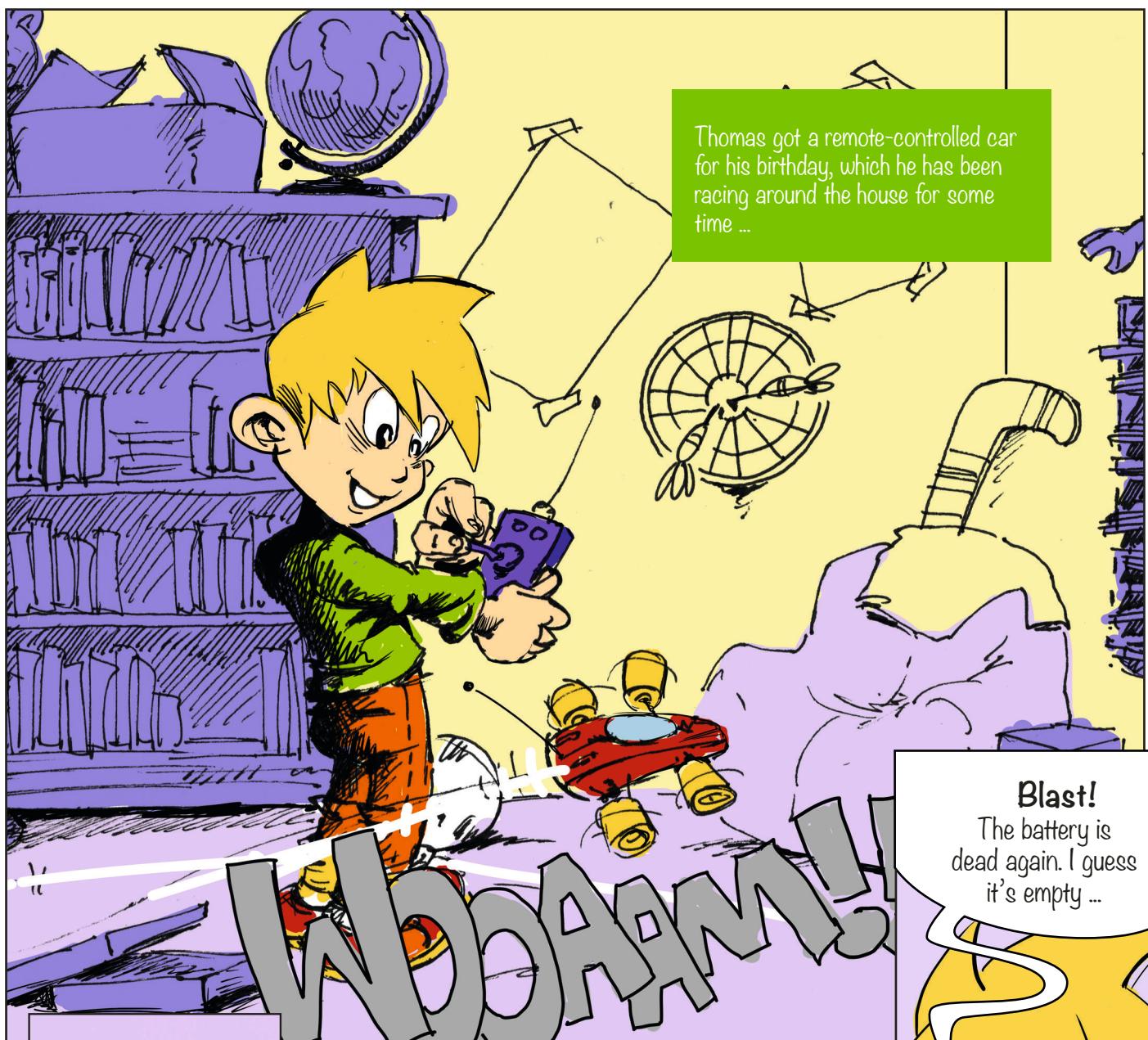
This is Thomas. He is the hero of our story and is interested in everything to do with technology and environmental protection. On top of that, he is incredibly curious and always on the lookout for new adventures.

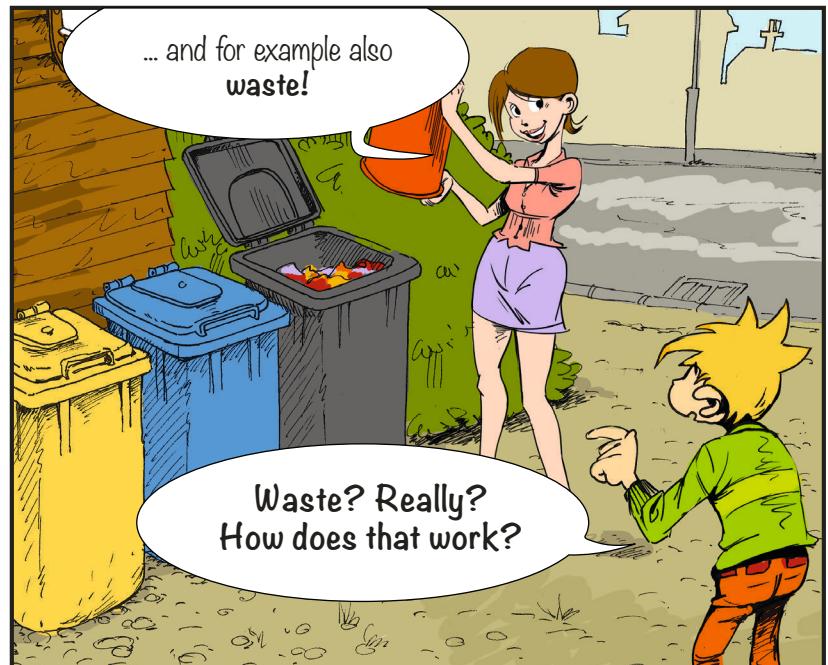
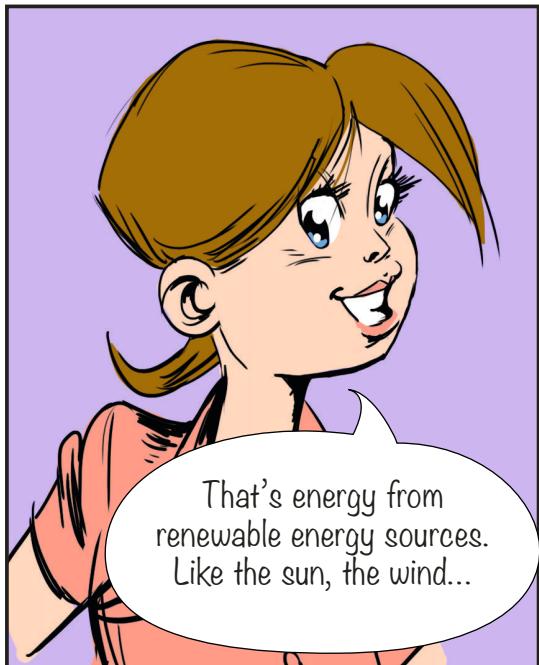
Turning Waste into Energy? How does that work? Thomas' adventure in a Waste-to-Energy Plant

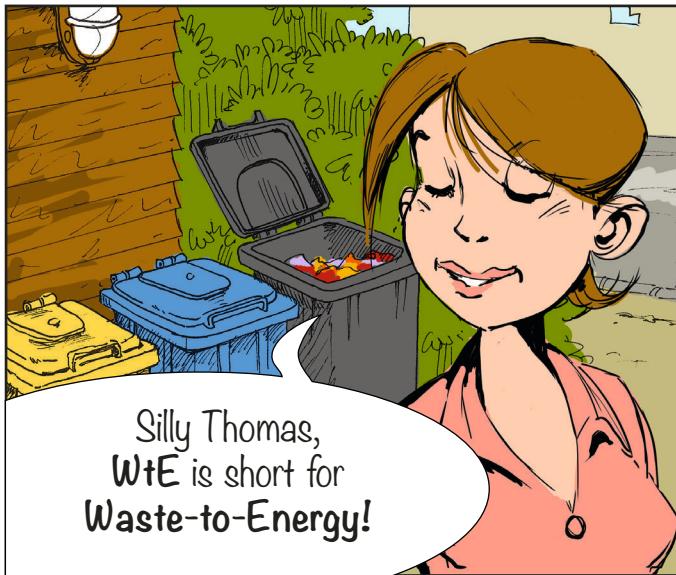
Text and Illustration:
Carsten Herbert
Andreas Demko

www.heldenstreich.com

Courtesy of ITAD
Association of German Waste to Energy Plants
Translated by
ESWET – the European Suppliers of Waste to Energy Technologies
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Do you know what waste really is?



When we talk about **Waste**, we are talking about all the leftovers we no longer need. It's also called **rubbish** or **garbage**.



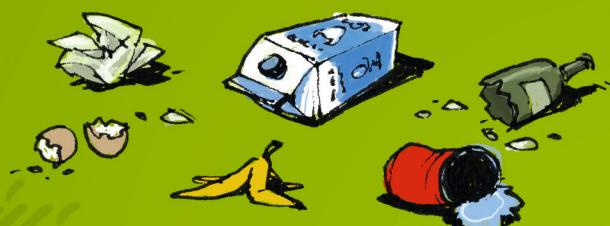
Do you know what kind of waste we produce at home?



For example:
food leftovers,
garden waste, paper, plastic
wrappers, old clothes,
batteries, ...

... old furniture, drink
cartons and so
on and so forth ...

If you want to do
something useful with the waste,
you should
always sort it first!



... and those are just a few of the many types of waste that can be recycled

Bio-Waste

Waste from the garden and the kitchen can be turned into compost and energy.



Waste Glass

Glass bottles can be recycled countless times. Most new bottles are largely made from old bottles.

Scrap Waste

The different kinds of metal waste can be used to produce new metal products.

Textile Waste

Clothes that people don't want any more
- because they are, for example, too small
- are collected and given to people who cannot afford new ones.

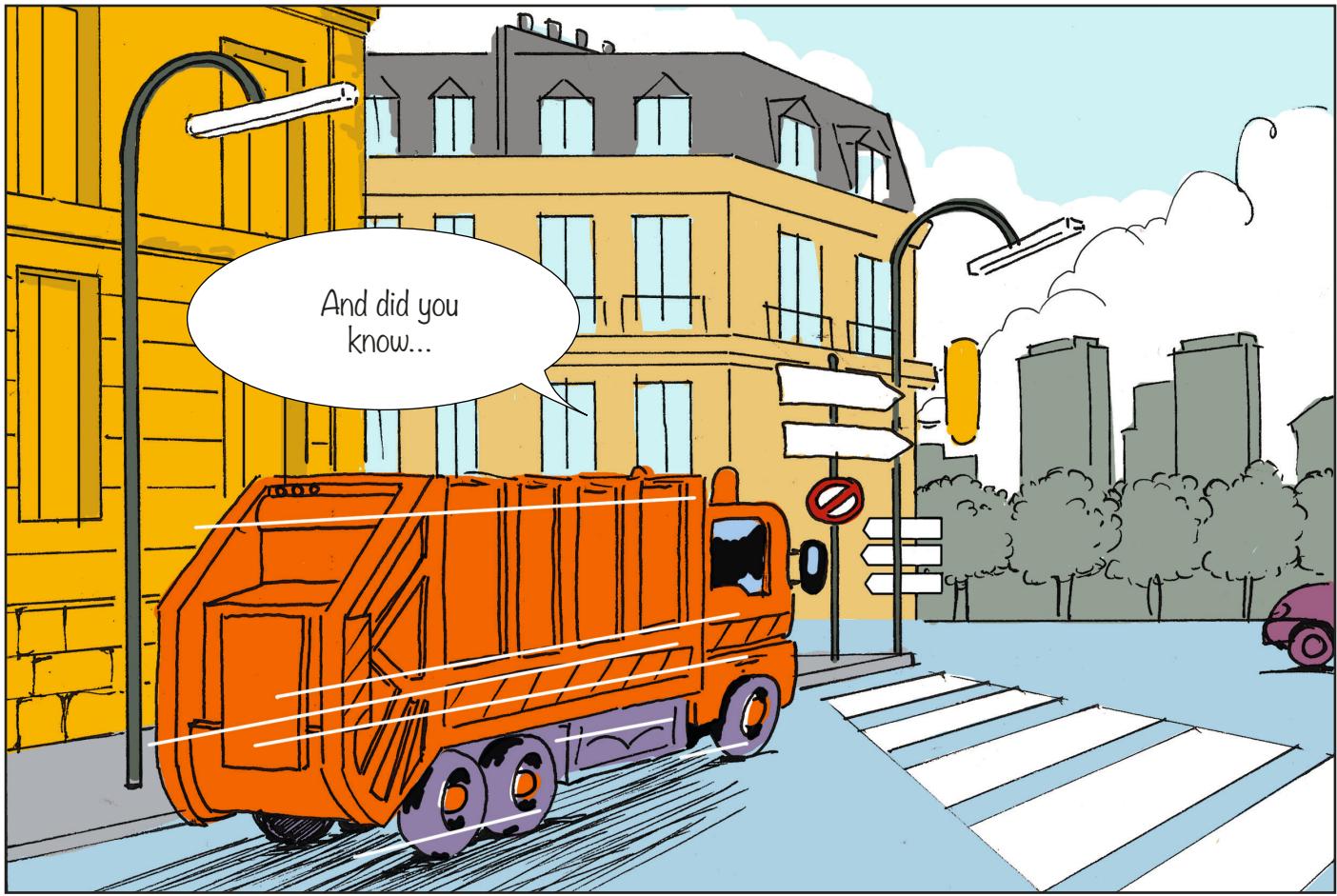
Waste Paper

Old newspapers and cardboards can be recycled many times.

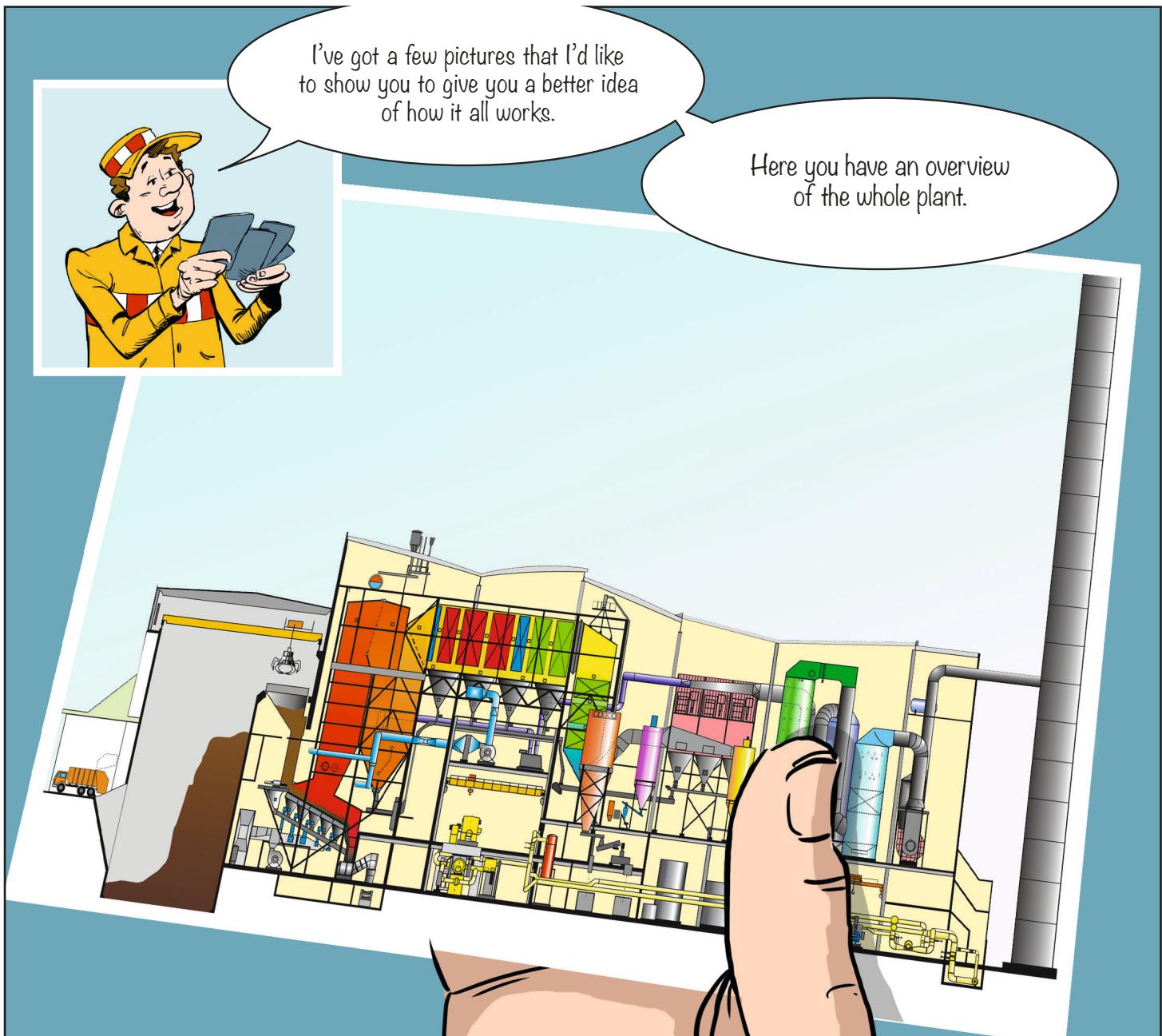
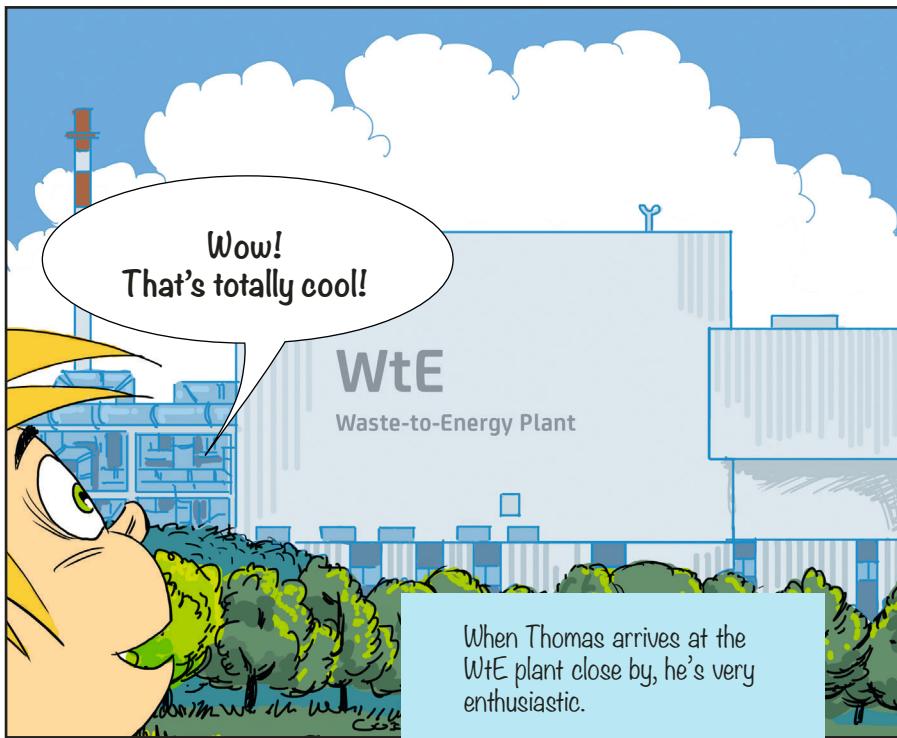


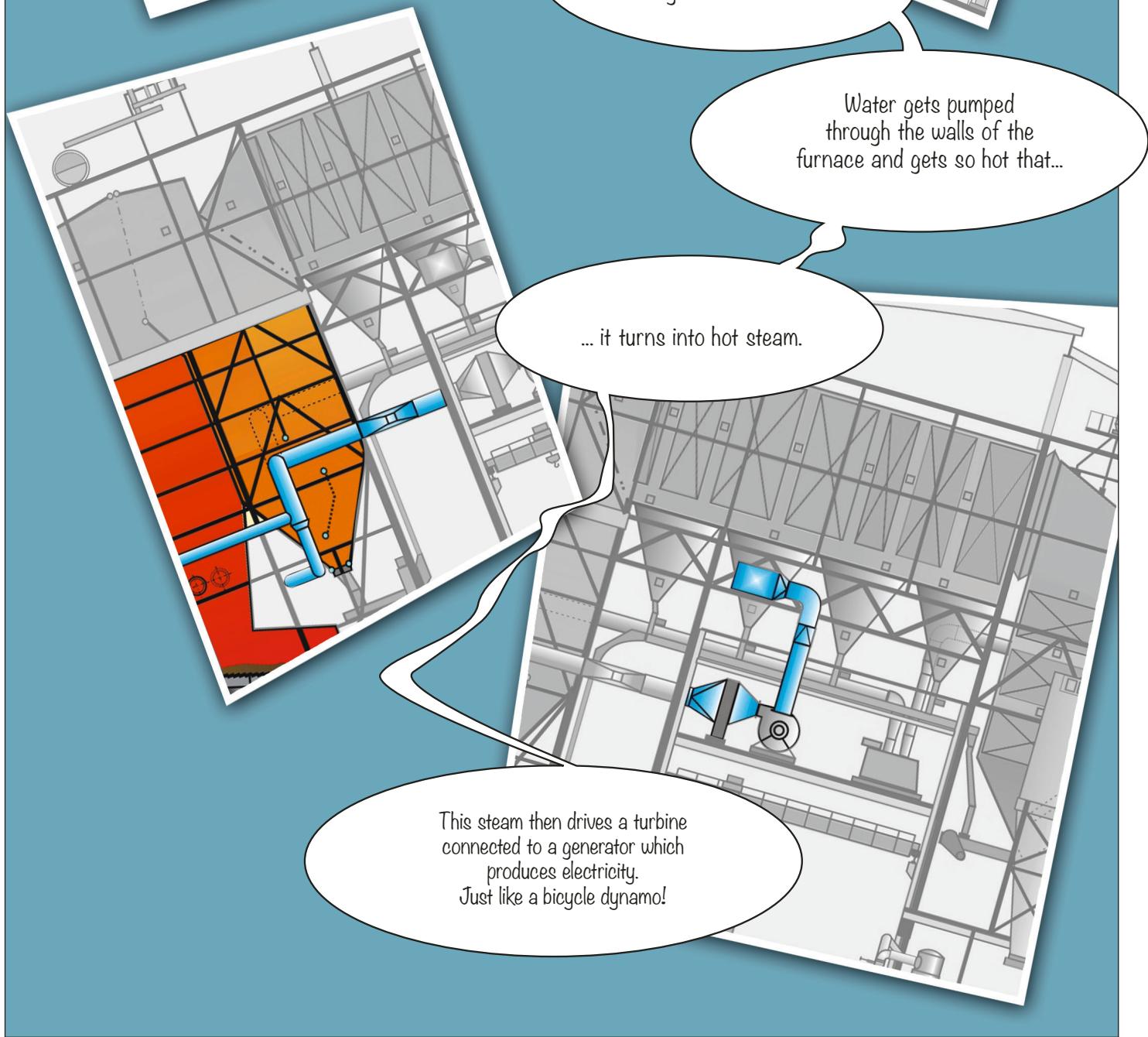
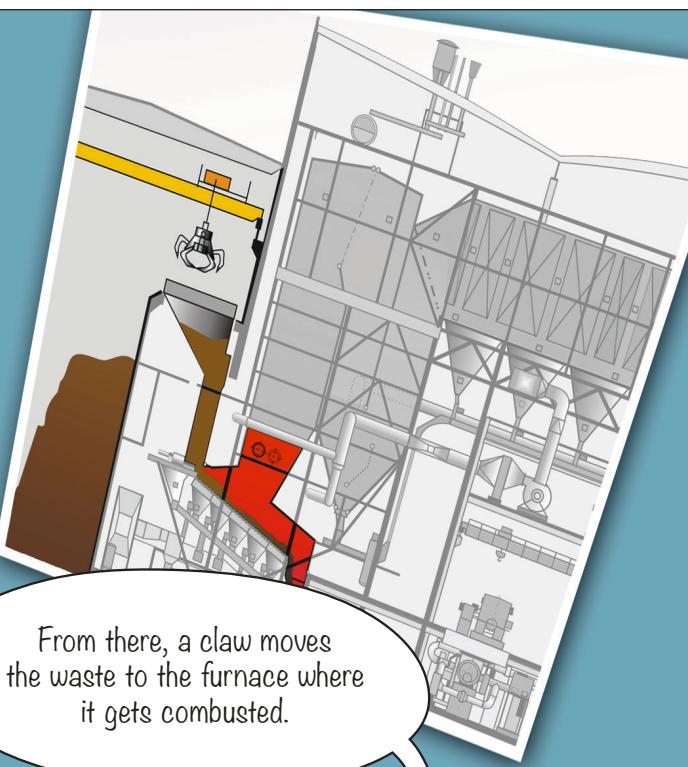
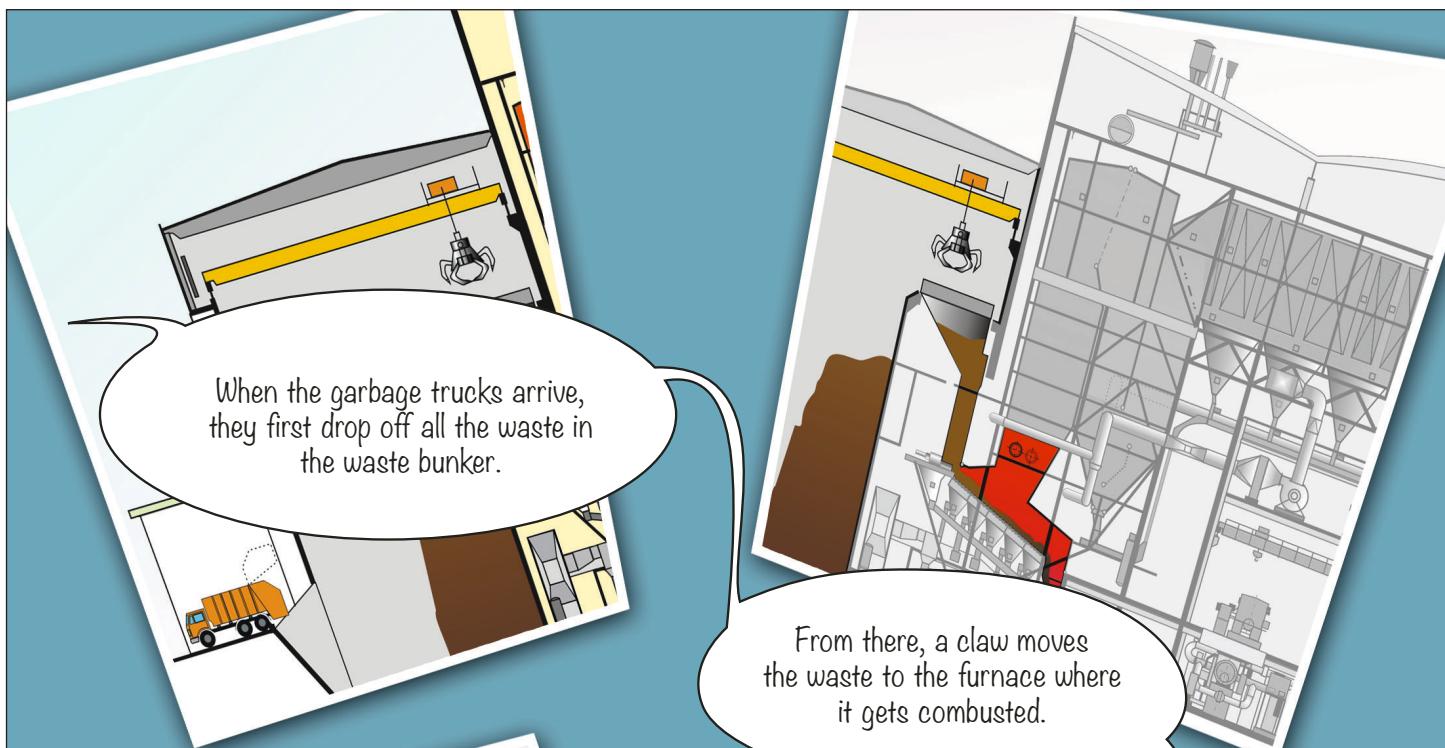
... Recycling's a great thing.
Now let's go to the WtE plant
and see what happens there.

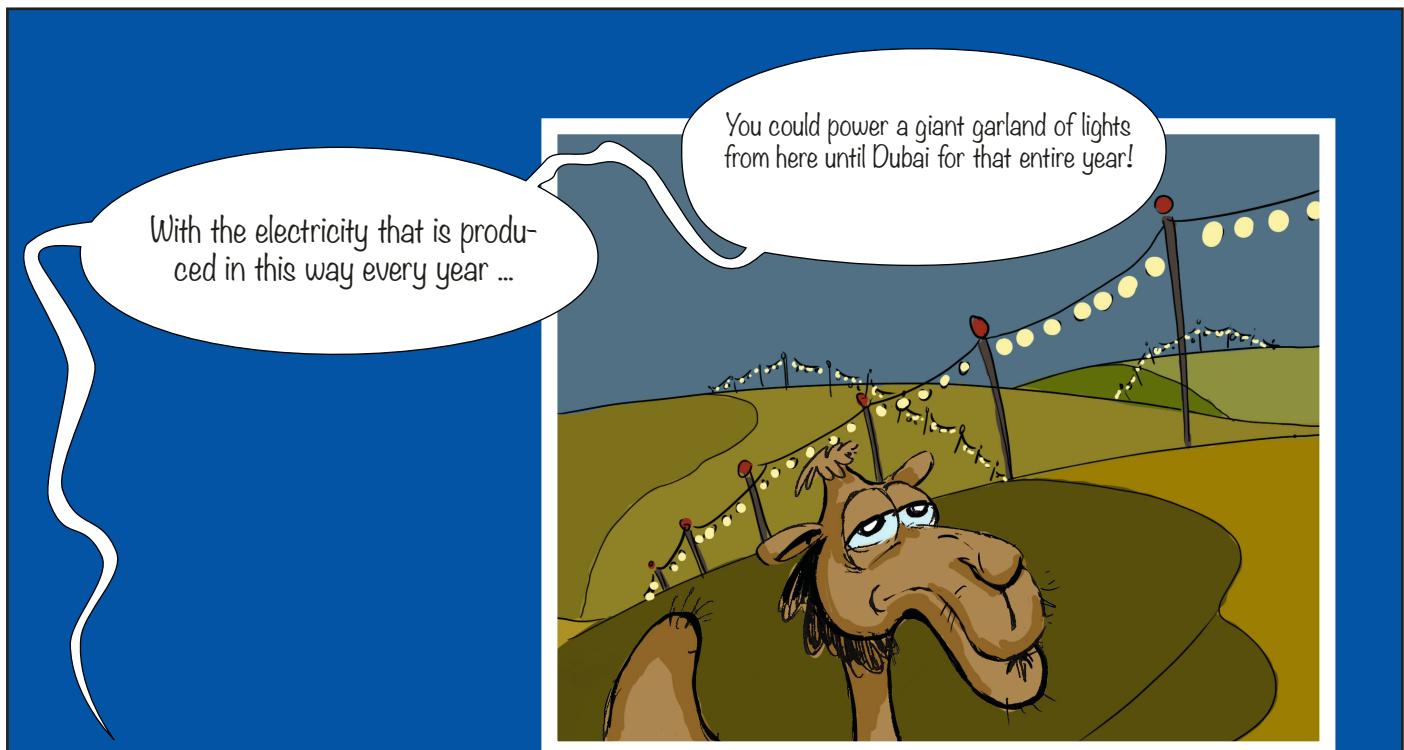
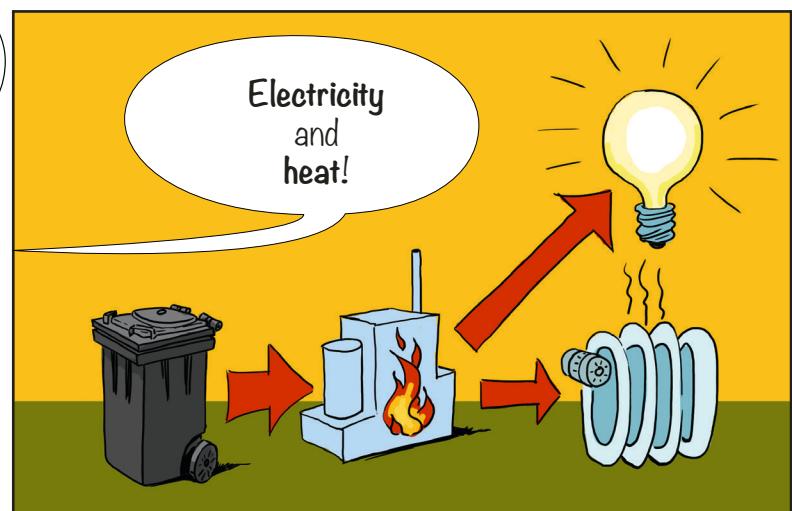


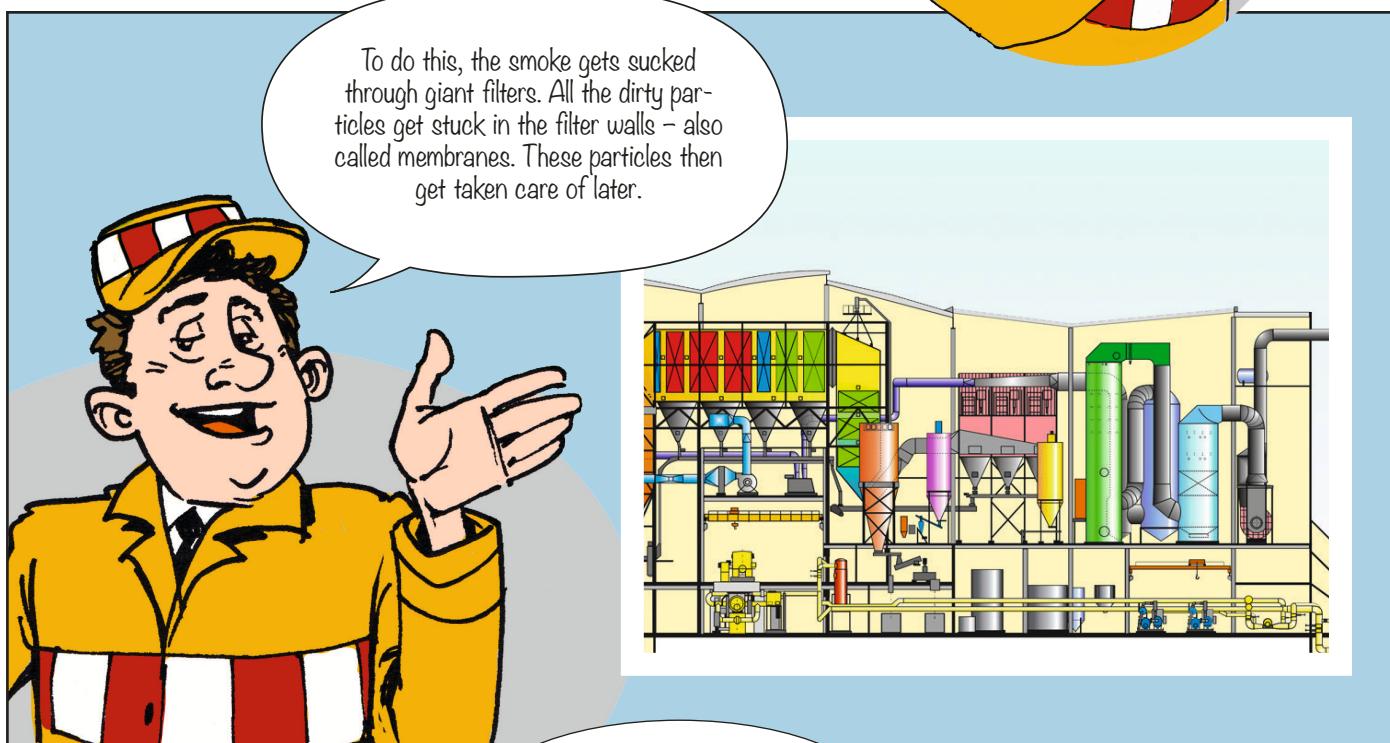


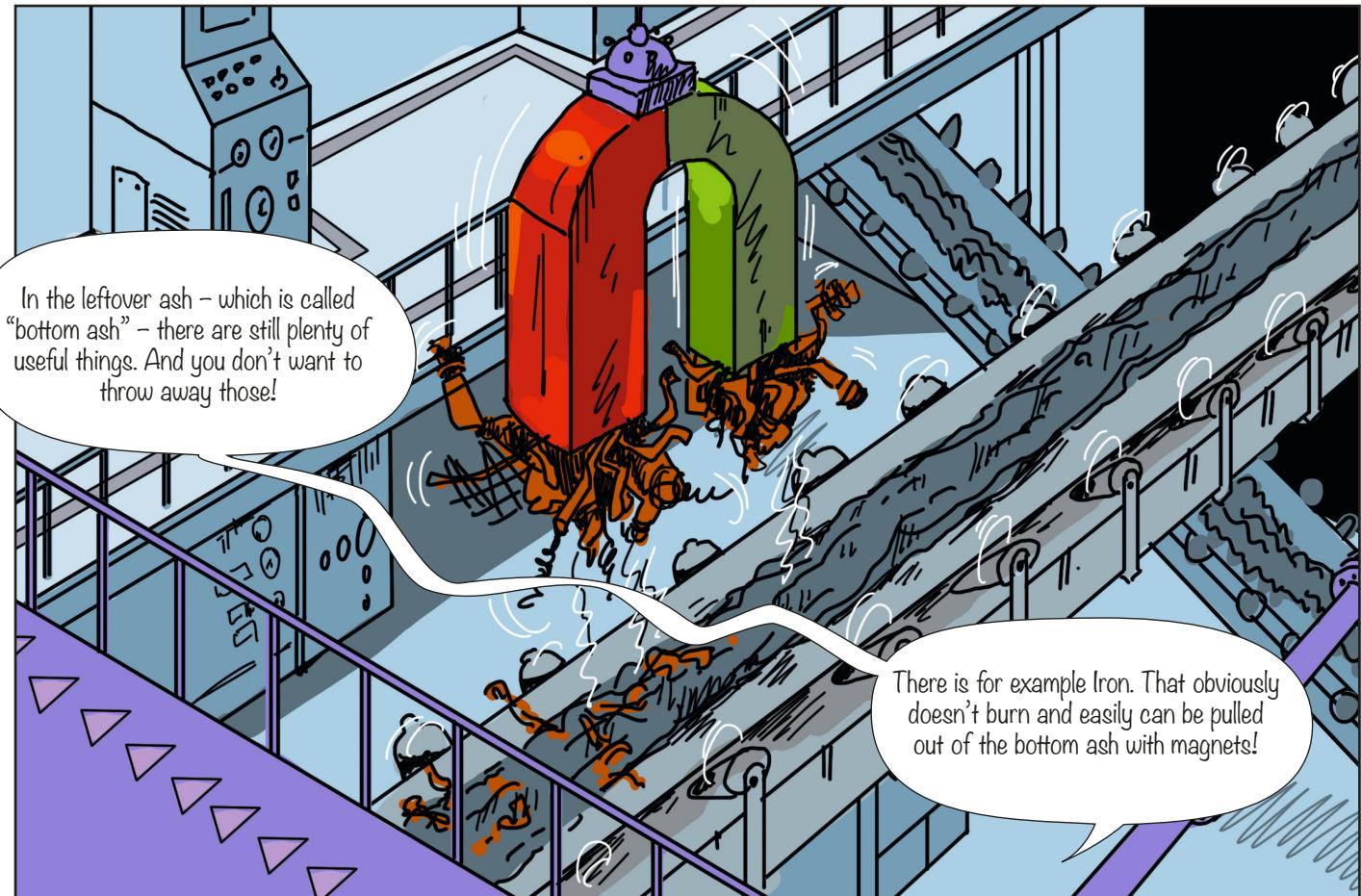
















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