Powering our processing with cocoa shells

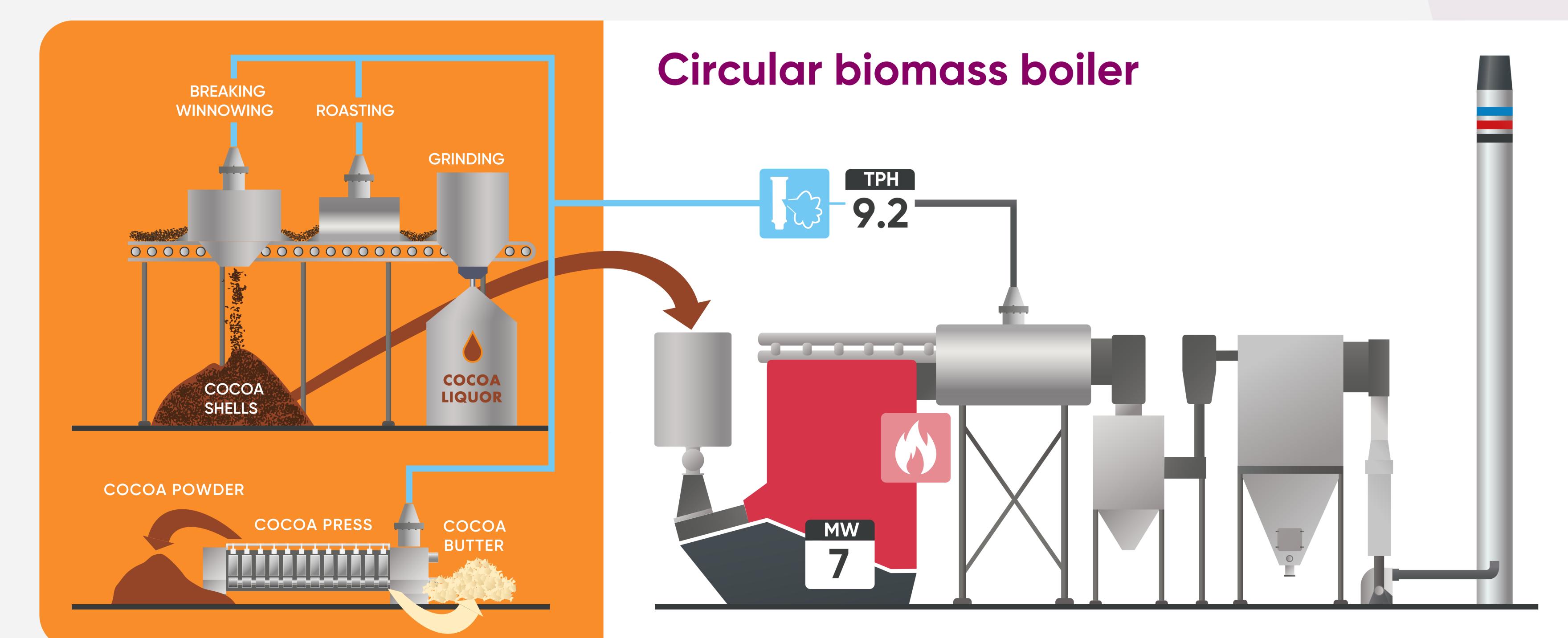
We're taking action to protect the planet and unlock value for our customers so that they can offer their consumers more sustainable choices. One way we're doing this is by generating clean energy from cocoa shells to produce our deZaan cocoa ingredients.

What does it involve?

From Indonesia to Germany, we're embracing the power of circular biomass boilers. That means, instead of relying on natural gas, we use our own residual cocoa shells as fuel to generate steam to power our production process. We're also taking our circular approach one step further by partnering with a company to explore how we turn what's left of the cocoa shells into fertilizer.

What is the impact?

We have circular biomass boilers in our cocoa processing factories in Brazil, Côte d'Ivoire, Indonesia, Singapore, the Netherlands, and Germany. This global network is key to reducing our scope 1 and 2 emissions and making our Cocoa Compass sustainability ambition real. In 2021, we reduced our CO, emissions per metric ton of product output from processing by 11%, partly thanks to the boilers and other initiatives like green electricity and solar panels.



In 2022, we generated enough clean energy at our Netherlands factory to heat over 3,000 Dutch households¹ – one of the reasons of was recognized by the national government as a sustainability innovation leader.





How does this support our customers?

By cutting our processing emissions, we can produce the same high-quality deZaan cocoa ingredients our customers expect in a way that is better for the environment. They can also access data about their supply chain from plant to palate in AtSource, our sustainability management system, to support their decarbonization journey. Together, we can collaborate to create the sustainable products that consumers crave.

Susanne Folkerts, Global Operations Head of Sustainability & Environment, of

¹The number of homes is calculated based on the average home energy consumption by EnergieNed