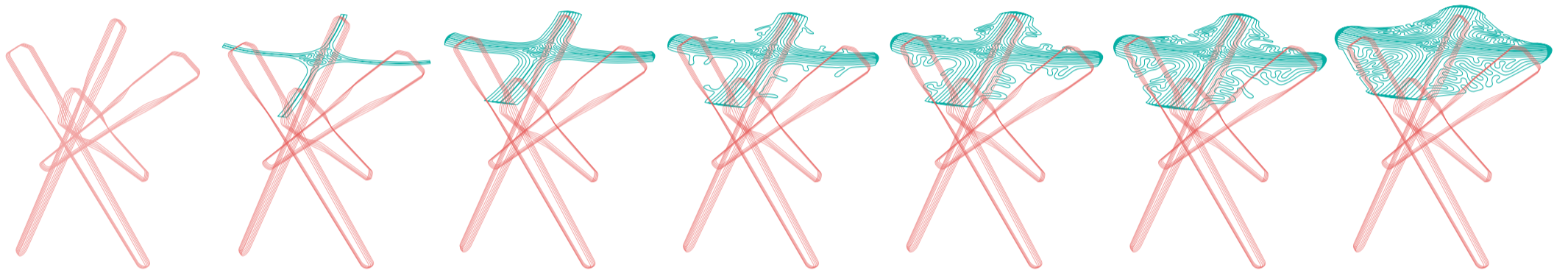
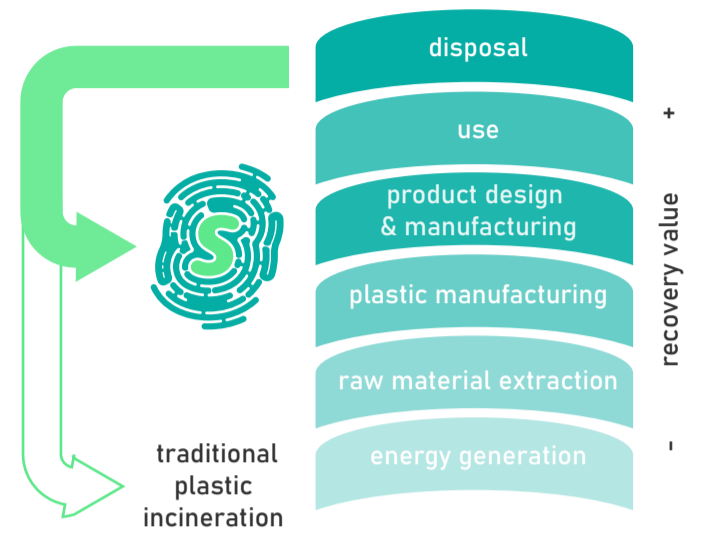




We have a flow problem. We extract carbon that has been recycled by different lifeforms for billions of years and turn it into plastic - to stay like that forever. Worse yet, most of the products fabricated from this plastic are only used for 5 minutes. We take substance out of the planet's life-cycle and turn it into dead matter.

STOFSKIFTE is a design experiment that keeps plastic in flow by mimicking the metabolic processes of living organisms. STOFSKIFTE "digests" single-use domestic and industrial plastic with the help of generative design and 3DPrinting to manufacture valuable and worth-keeping products.

Just like other living creatures, STOFSKIFTE works together with its ecosystem to flourish. The project is made to adapt to the needs of different opportunities, plastics, settings, or partners.



\*STOFSKIFTE takes advantage of generative design to "grow" forms inspired in nature.



\*The Camille stool uses CMP to provide cheap plastic with stiffness and flexibility

## TECH FACTS:

- S** STOFSKIFTE uses Continuous Material Parametrization (CMP) to design shapes that allow waste plastic to better perform structurally.
- S** This means that cheap single-use plastic (e.g. water bottles) can be used to manufacture more complicated and long lasting products like furniture or consumer electronics.
- S** The CMP process exploits generative design algorithms to design unique products.

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