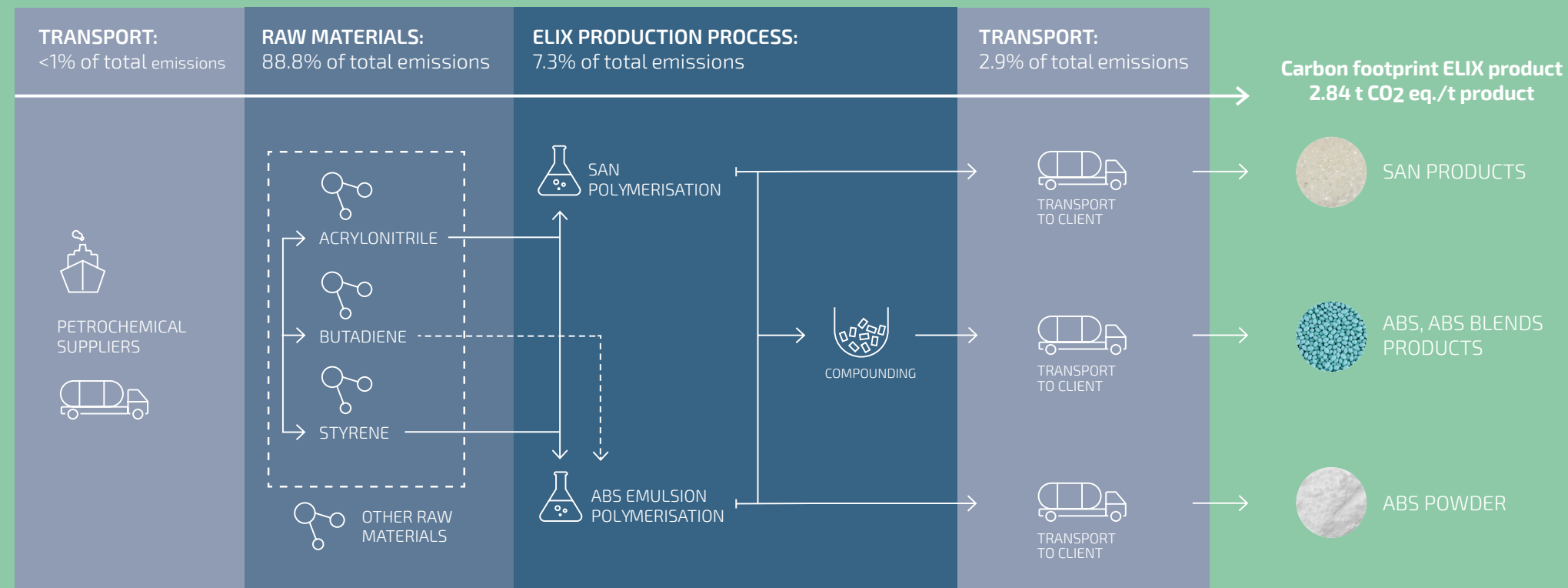


Carbon footprint of Generic ELIX Products



	Scope 1	Scope 2	Scope 3	Total
2021	0,011	0,160	2,670	2,840

Apart from the calculation of generic ELIX products, the carbon footprint of the different ELIX ABS and ABS blends has been calculated, considering the specific formulation and process of each grade.

E-LOOP is our brand name for circular innovations and more sustainable solutions. ELIX also performed LCA on the E-LOOP grades, showing the environmental benefits of using more sustainable monomers and polymers in the formulation. This innovative materials contributes to the circular economy approach, replacing fossil-based resources by circular and bio-based feedstocks, and supporting responsible use of sustainable resources with close collaborations along the whole supply chain.

Life Cycle Assessment of ELIX products:

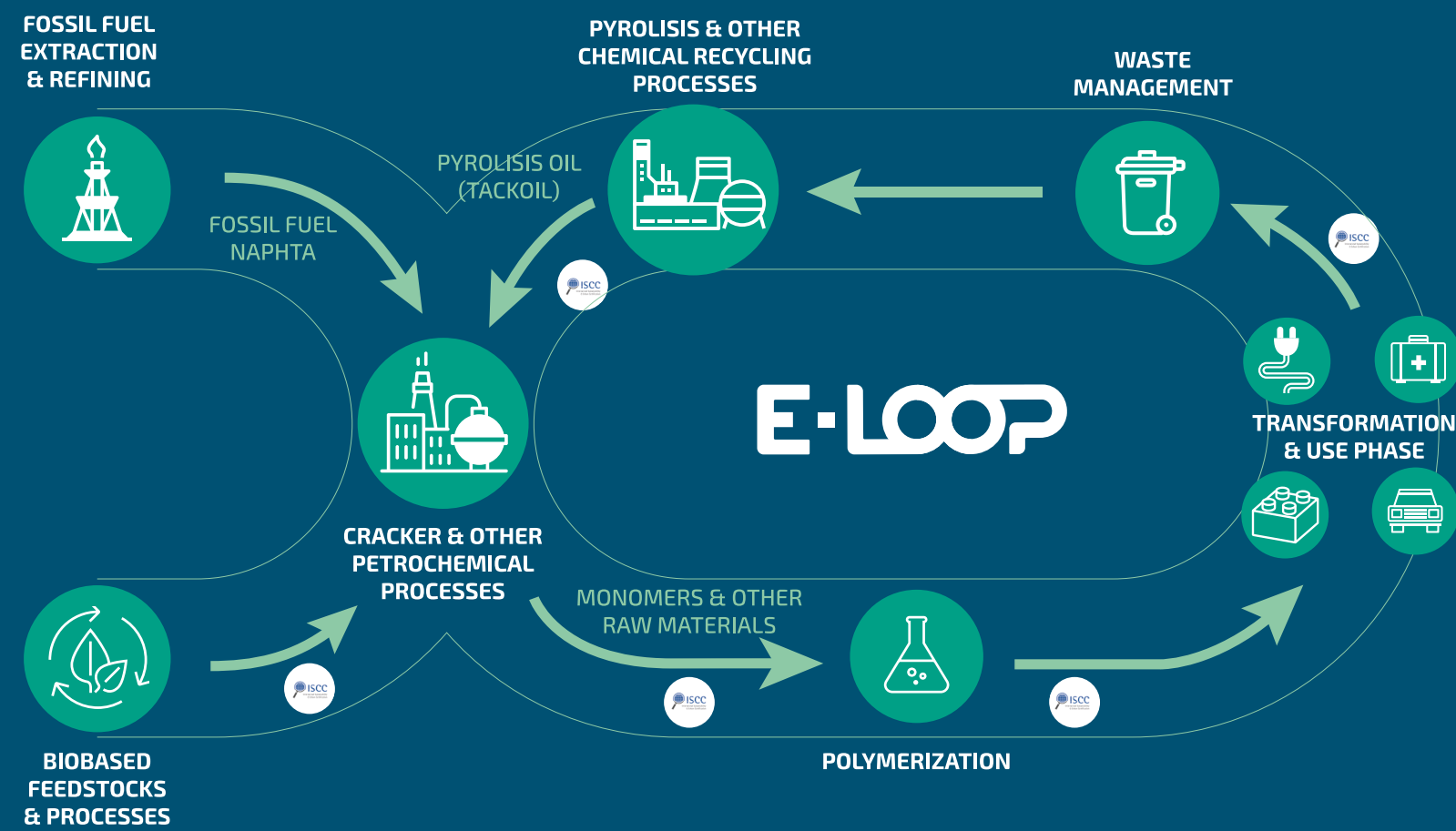
A Life Cycle Assessment (LCA) is a process of evaluating the effects that a product has on the environment over the defined period of its life.

The LCA of the ELIX ABS products has been calculated according to methodology based on ISO 14040 and ISO 14044 (Cradle-to-Gate analysis), taking into account the transport to client and including direct emissions (Scope 1) and indirect emissions (Scope 2 and Scope 3).

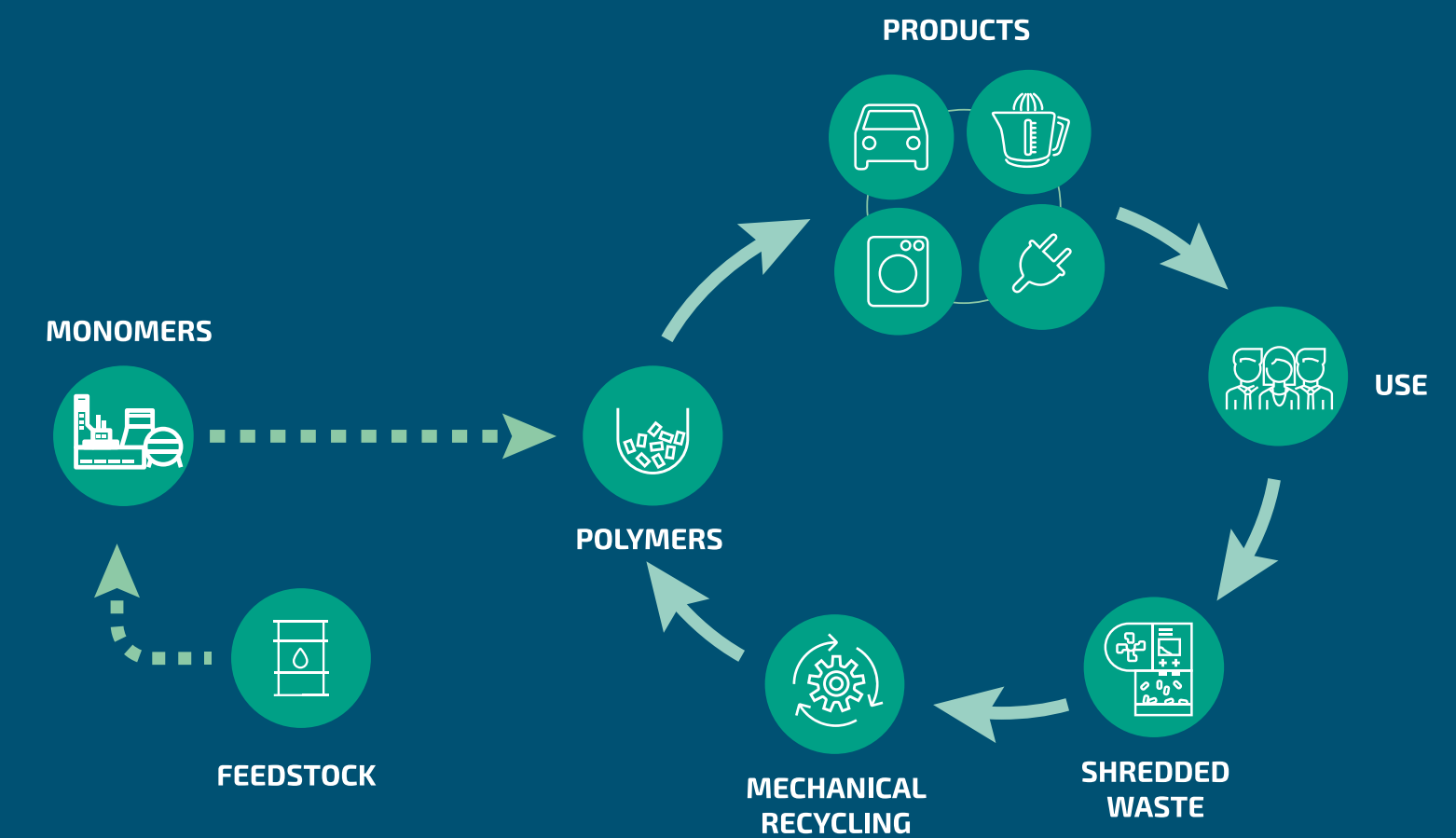
- Impact assessment methodology:**
 - Carbon footprint category: IPCC 2021 GWP100
 - Rest of impact categories: ReCiPe 2016 Midpoint (H)
- Software used:** SimaPro 9.3.0.2
- Data source:** Raw material from suppliers, and if not available, from Ecoinvent v3.8
- All the data is primary data** (activity 2021)
- Calculations validated by a third party (Anthesis Lavola)

Benefits of our E-LOOP Products

CR products (chemical recycled/bio-based)



MR products (mechanical recycled)



	CO ₂ emissions (Global Warming)	Water Consumption	Fossil resource scarcity
E-LOOP ABS CR25	↓ 20%*	↓ 13%	↓ 7%

Standard ABS grade example:

- E-LOOP ABS CR25: ABS material containing 25% of bio-circular feedstock (chemical recycled process) certified under ISCC PLUS (mass balance approach).

	CO ₂ emissions (Global Warming)	Water Consumption	Fossil resource scarcity
E-LOOP ABS/PC MR	↓ 29%	↓ 14%	↓ 28,4%

Standard ABS/PC grade example:

- E-LOOP ABS/PC MR: ABS/PC material containing up to 30% of mechanical recycled feedstock.

*These carbon footprint calculations includes the biogenic carbon uptake