

PLASTO®

Product opportunities of recycled plastic waste

Innovations since 1955

- Founded 1955 by Odd Stenerud
- 3rd generation family owned
- Research-based innovation

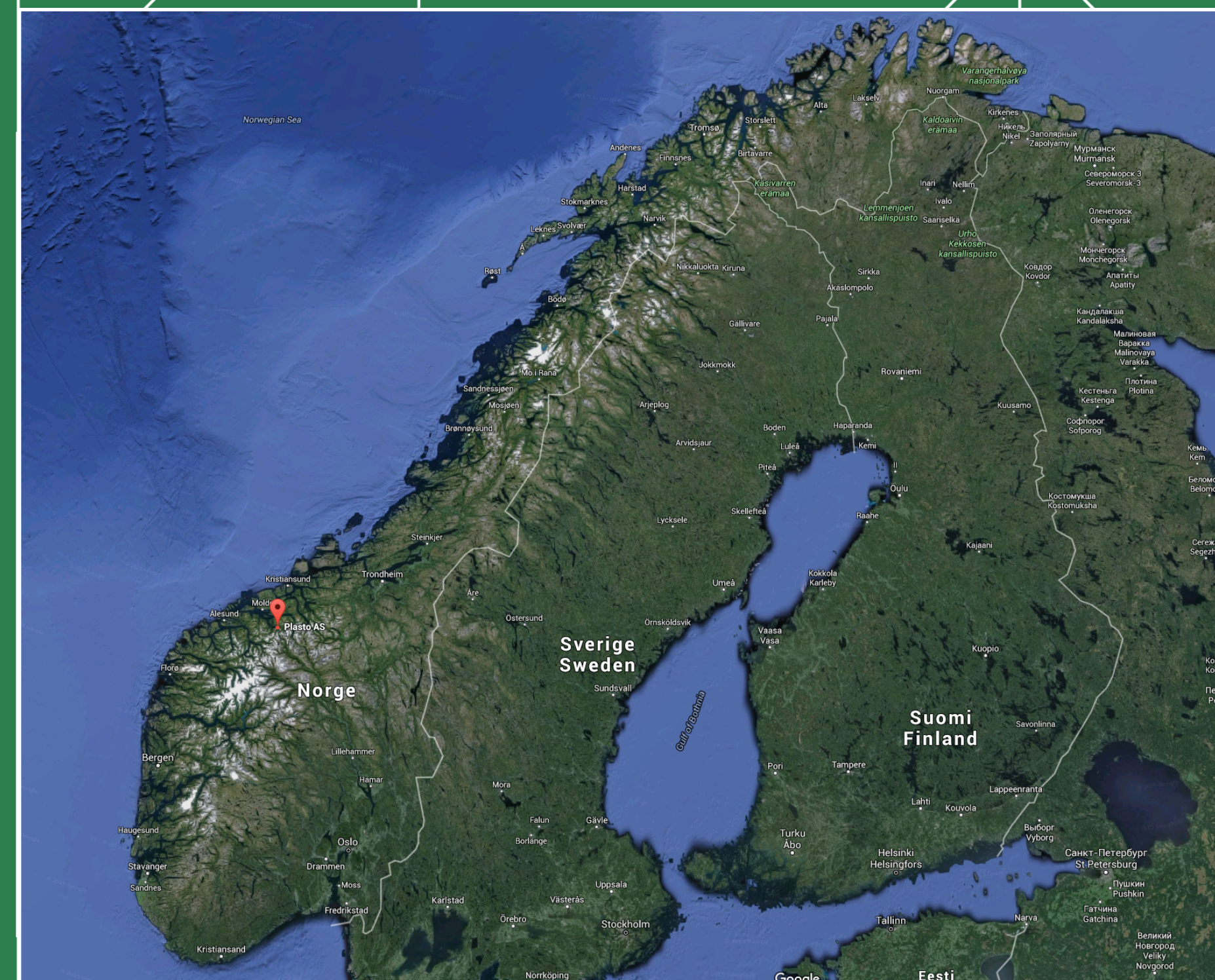
PLASTO®
Siden 1955



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PLASTO®
Siden 1955



Sustainable organization

- Long term owners
- Long term jobs
- Friendly to the environment



Sustainable organization

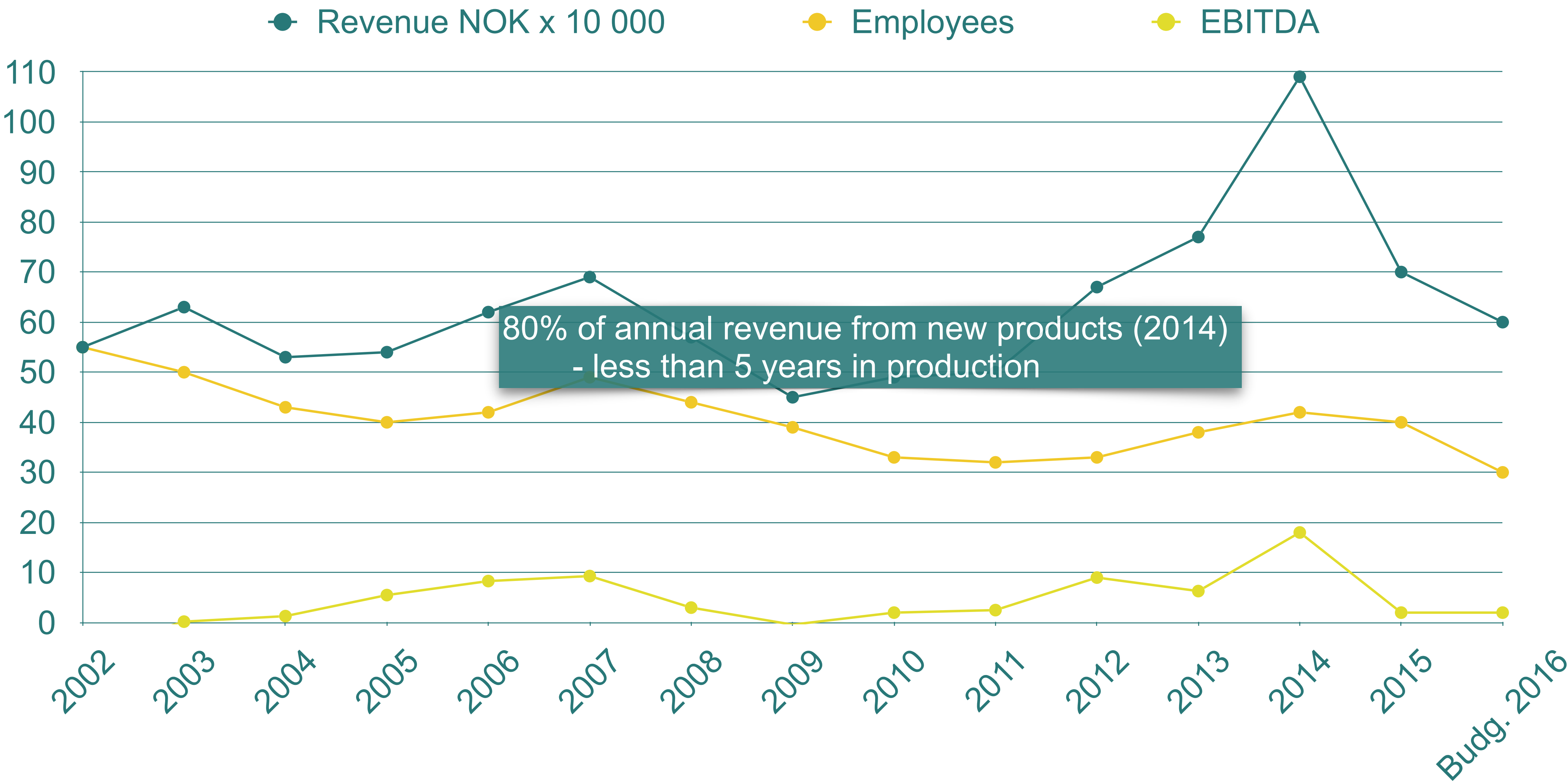


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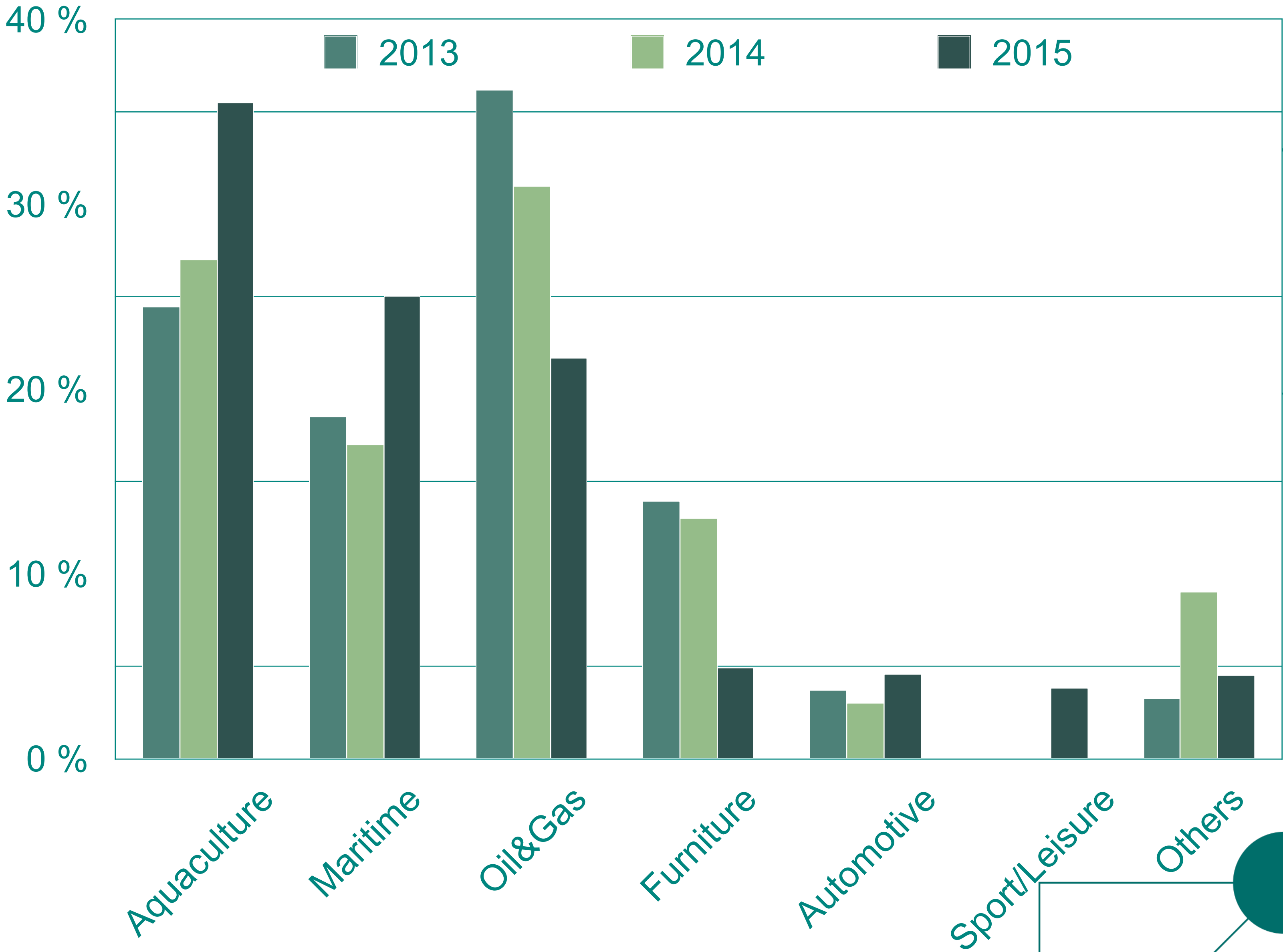
Sales 2002 - 2016



Sales 2002 - 2016



Markets



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Video



Product opportunities of recycled plastic waste

Re-use of material from discarded cages

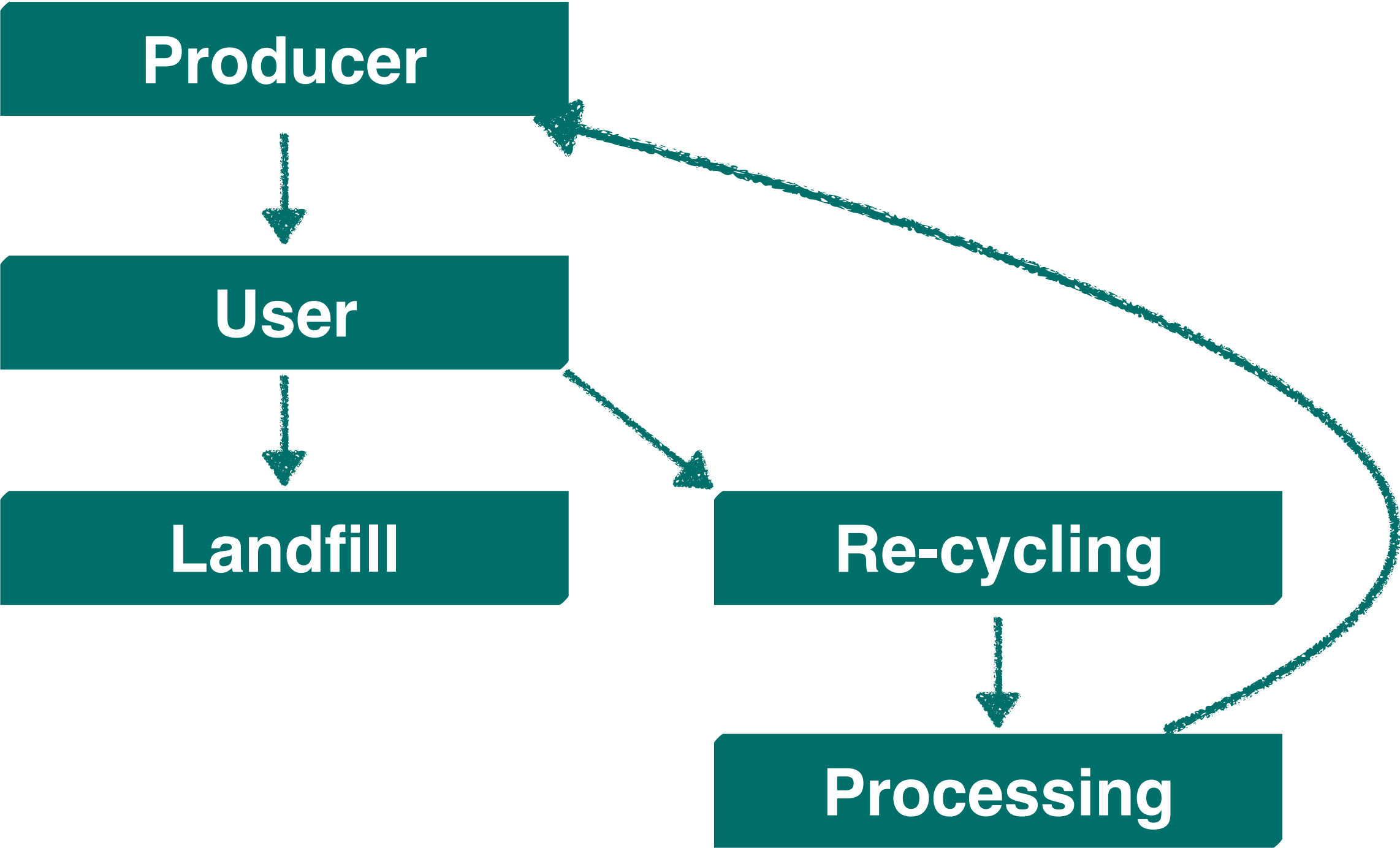
Brackets and walk-ways from Plasto

Pipes from Helgeland Plast (AKVA group)

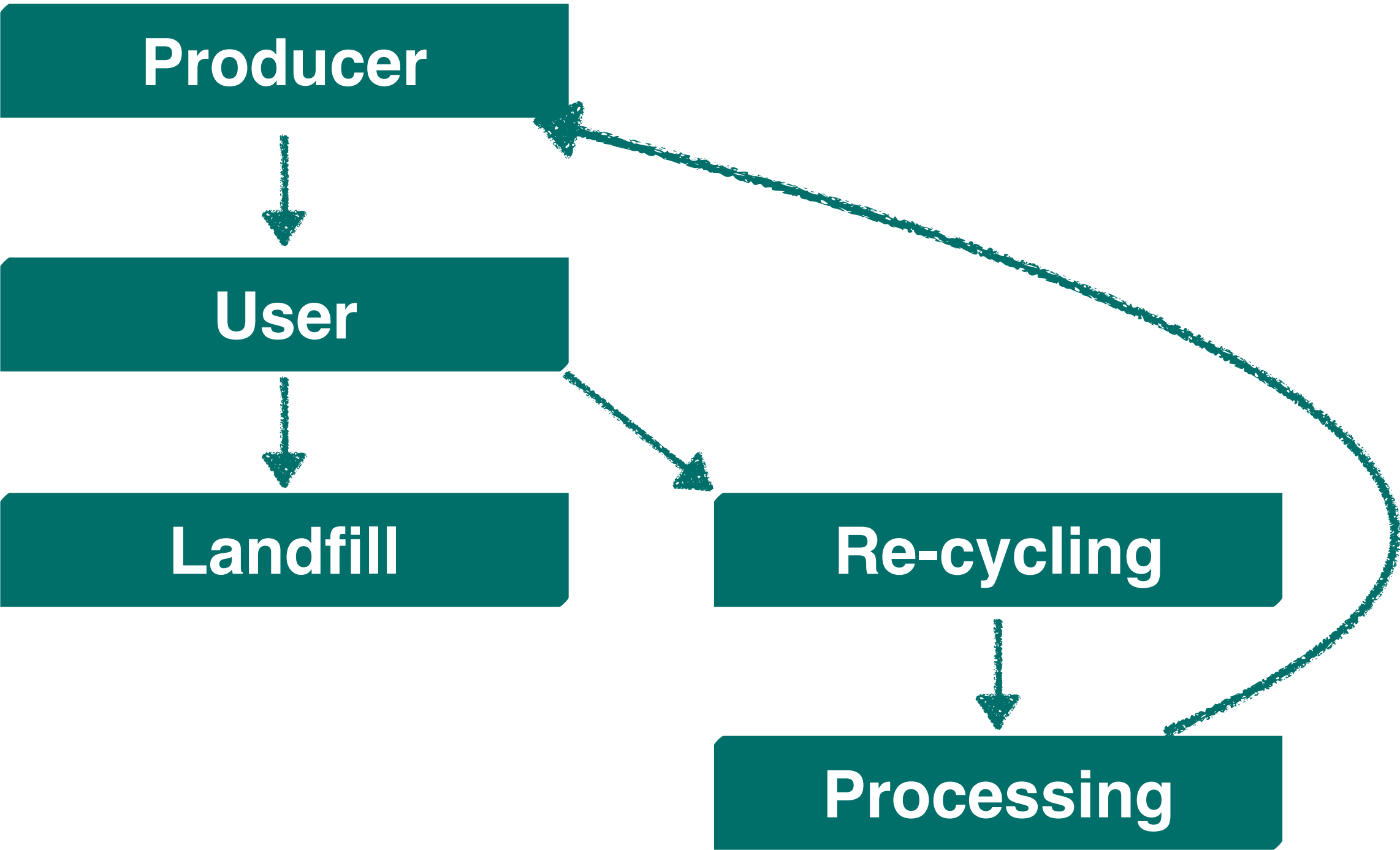
- same material (HDPE)



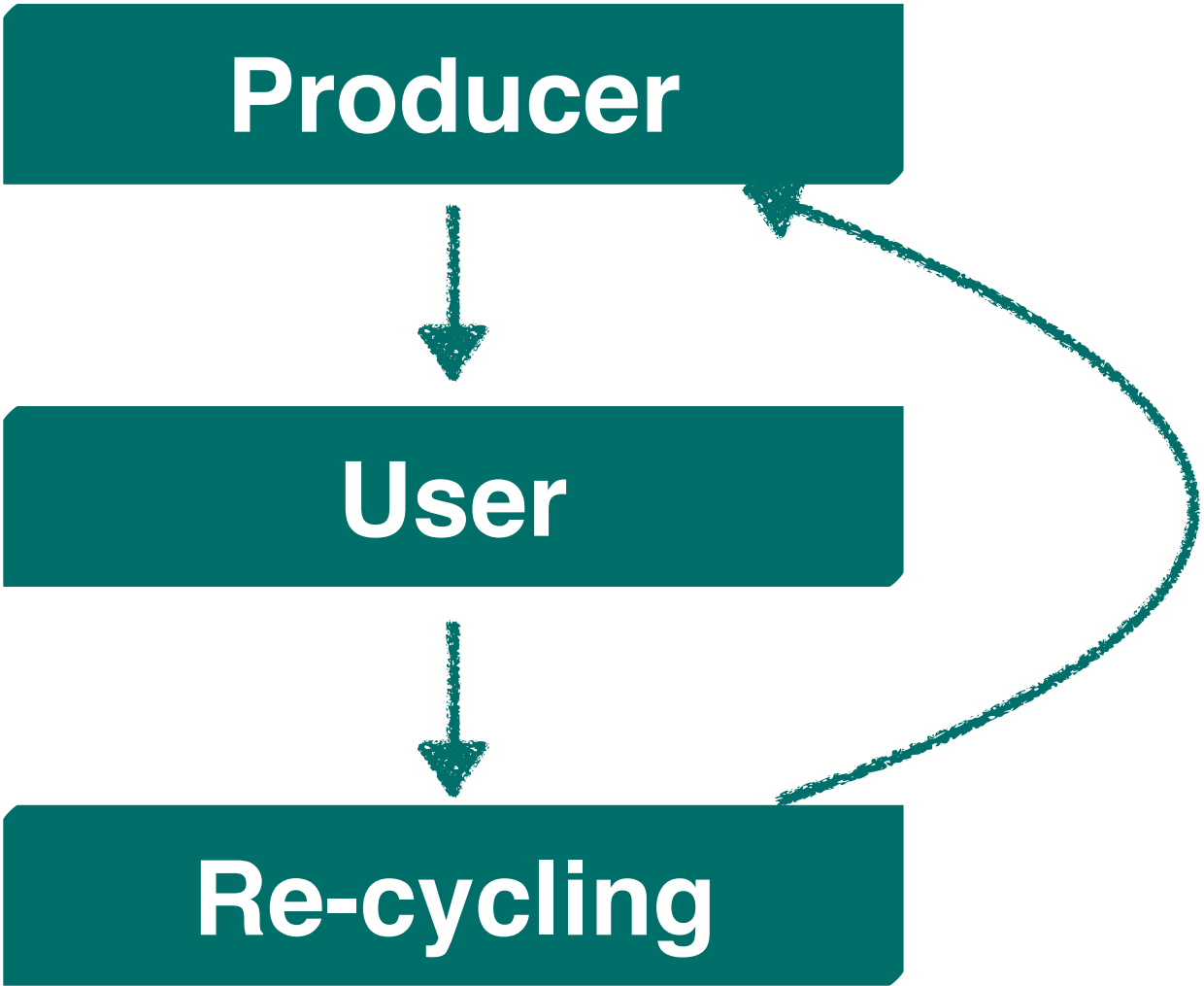
Today



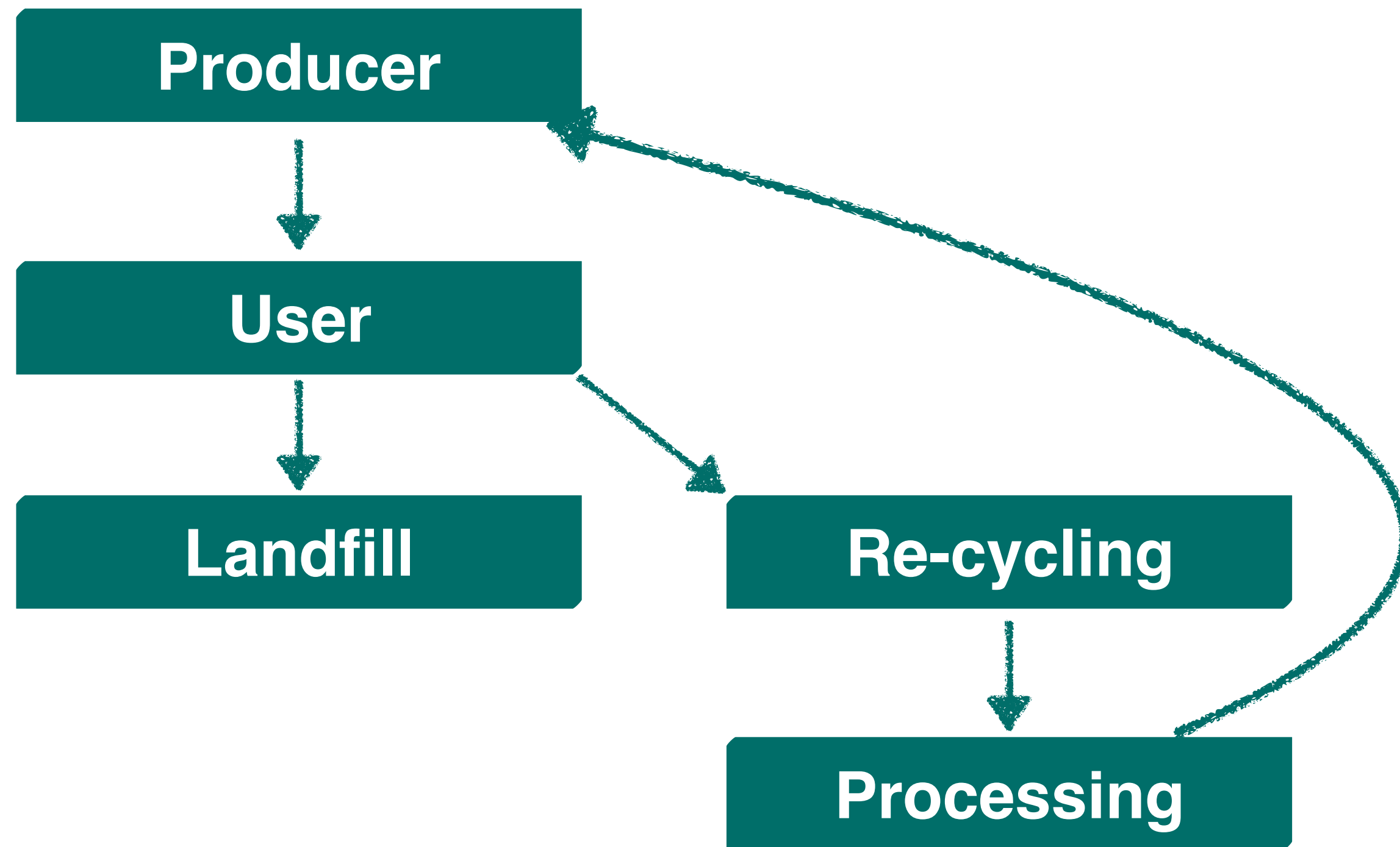
Today



Tomorrow?

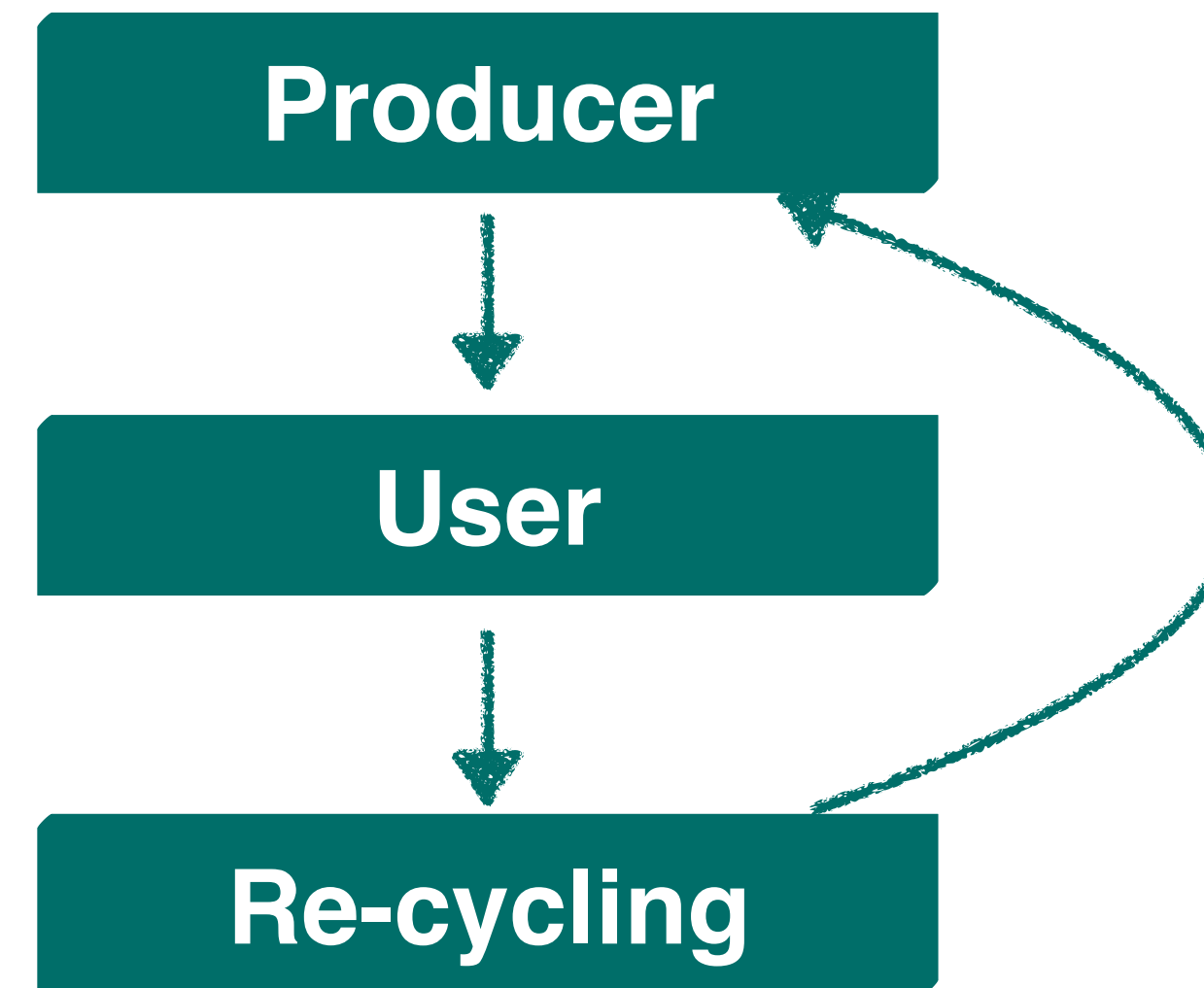


Today

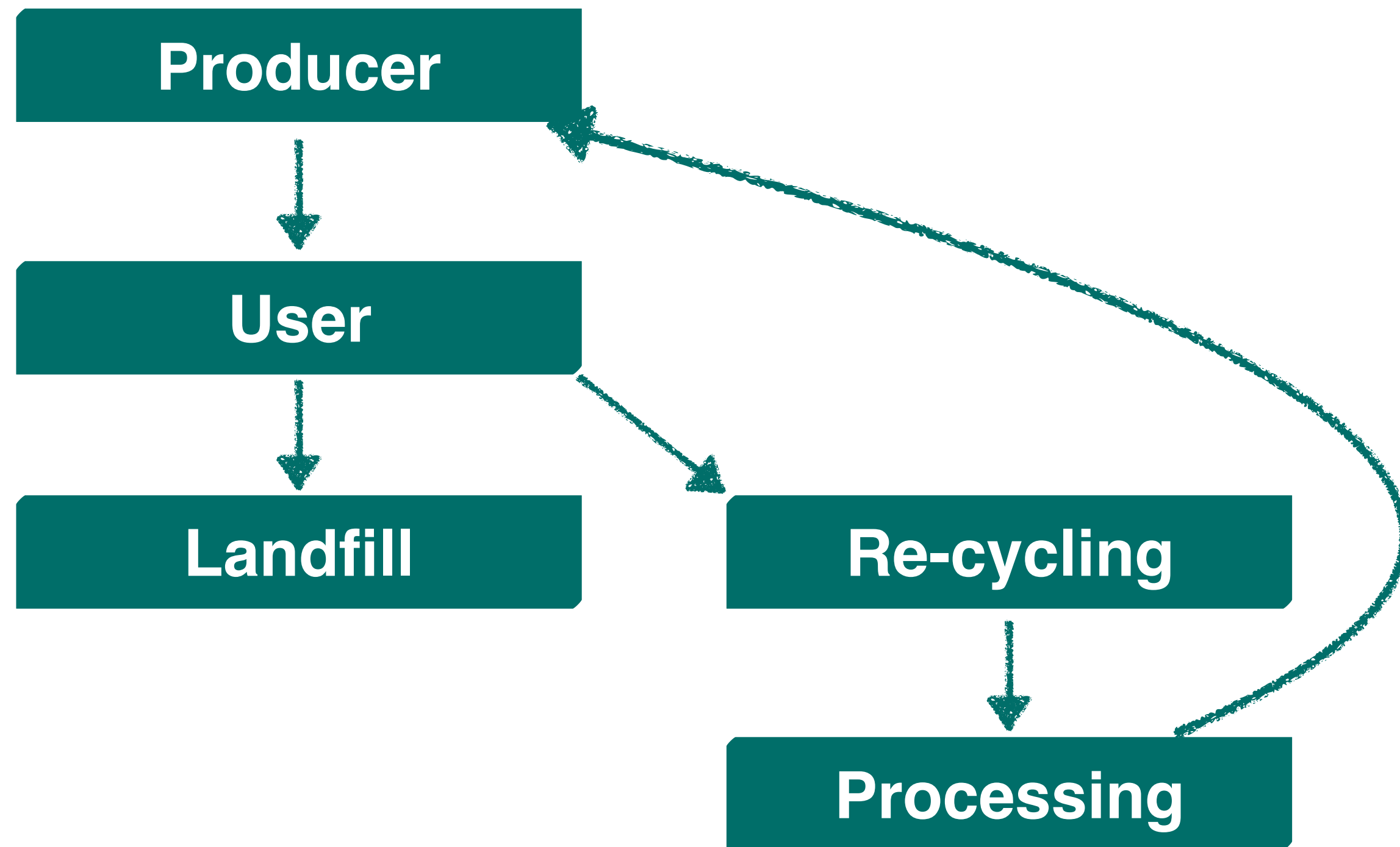


- + Documented material performance
- Long transportation
- 2 x melting of material

Tomorrow?

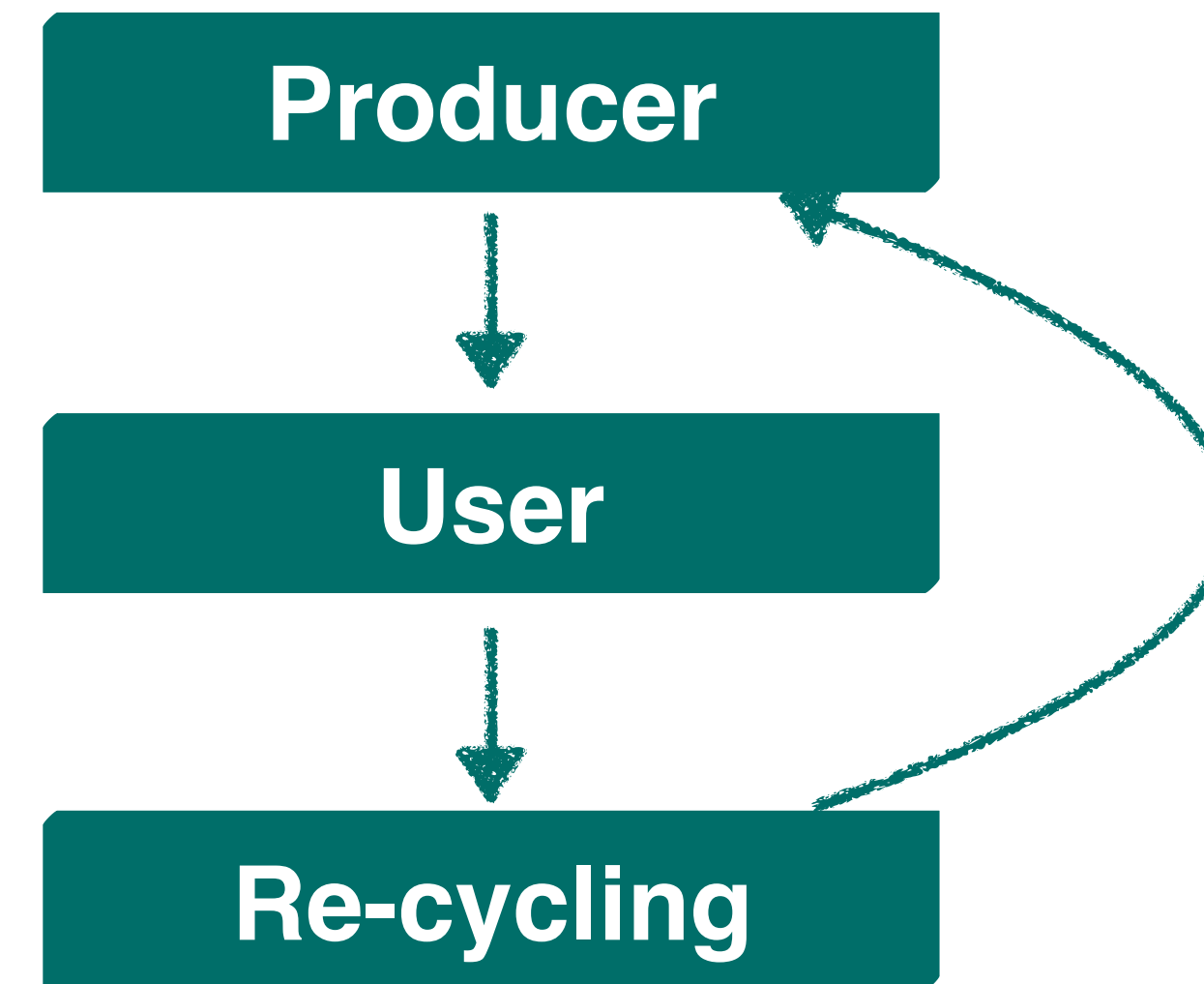


Today



- + Documented material performance
- Long transportation
- 2 x melting of material

Tomorrow?



- + Lower economical and ecological cost
- + 1 x melting of material
- No documentation of material performance
- New production technology needed for IM

Material performance

Documentation of performance and qualification of process

- time consuming
- expensive

Material performance

Documentation of performance and qualification of process

- time consuming
- expensive

Possible route:

- 1) Products with lower demand for performance, i.e pallets, walk-ways
- 2) Sandwich (w/virgin material) or specific re-inforcement - products with higher performance
- 3) Documented performance and qualified process - 500 / 1000 tonnes per year (Plasto)
< 70% reduction of virgin material

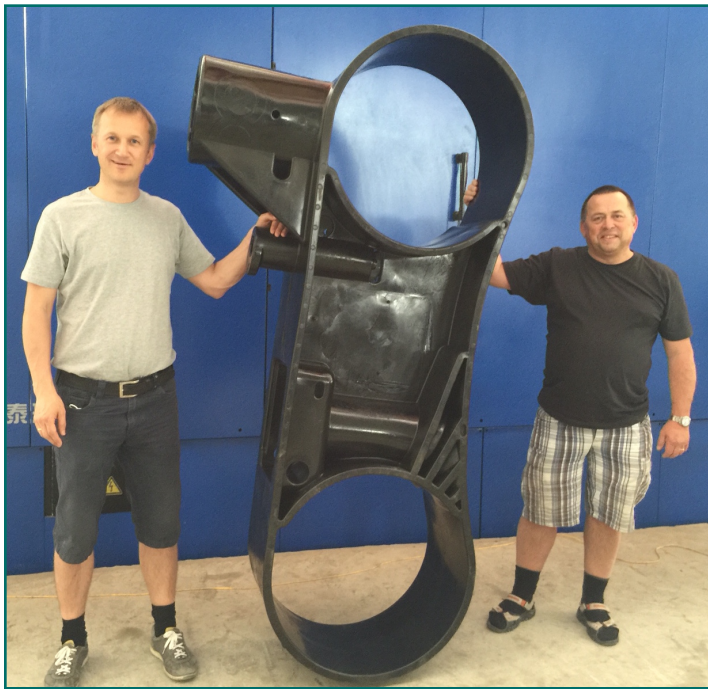
Our approach to a solution

Supply chain/business models
- SISVI



Production technology
- MEGA-mold

Plasto, AKVA Group, Pipelife



Material

- SPORT

Plastal, PartnerPlast, AluRehab, Kongsberg Seatex, SINTEF and Plasto

- FiberComp

Norske Skog, PFI, Pipelife, Plastal, Mjøselement, NSK, Norner, NTNU and Plasto

Our approach to a solution

Supply chain/business models
- SISVI



Possible partner ?

An advertisement for Nofir. The background is a photograph of two fishing boats on the ocean. Overlaid on the image is a white box containing the Nofir logo and the text 'GJENVINNING AV KASSERT FISKERI- OG OPPDRETTSPREDSKAP'. To the right of this box is a circular diagram illustrating a recycling process with four stages: 'Innsamlig' (collection), 'Demontering' (dismantling), 'Gjenvinning' (recycling), and 'Nye produkter' (new products). The text 'BRINGING VALUE TO MARINE WASTE' is written vertically next to the diagram. At the bottom of the advertisement, the website 'www.nofir.no' and a Facebook link are provided.

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