



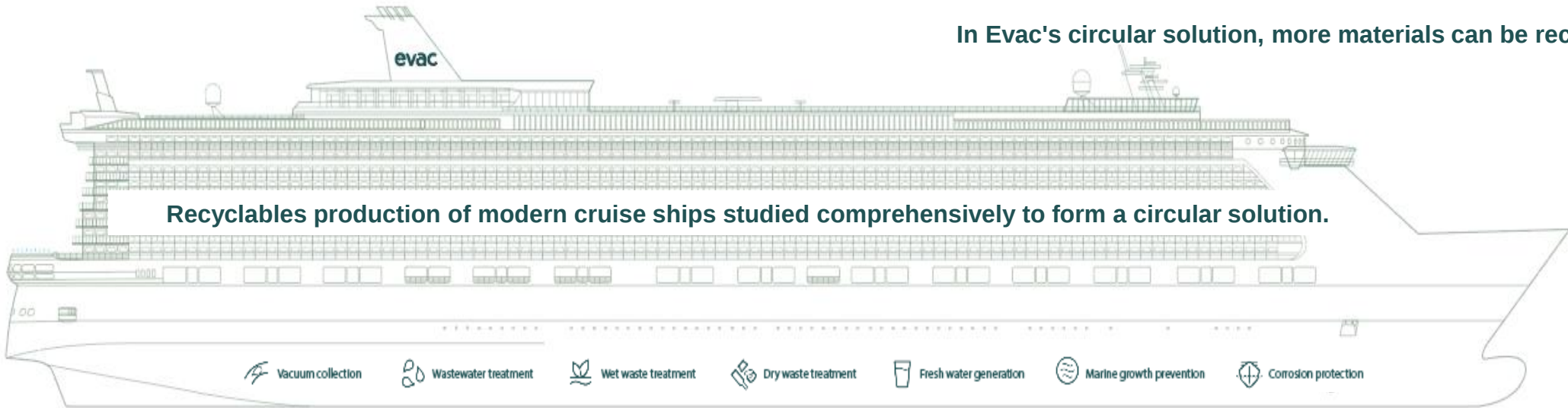
Evac Nothing to Waste – Project

Dr. Jari Jokela, Head of R&D, Evac Group

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Waste flow studies onboard showed potential material recovery of 88 %:

In Evac's circular solution, more materials can be recovered.



60 %
wet waste – becomes Biochar



Sludge Food waste

12 %
regulated waste



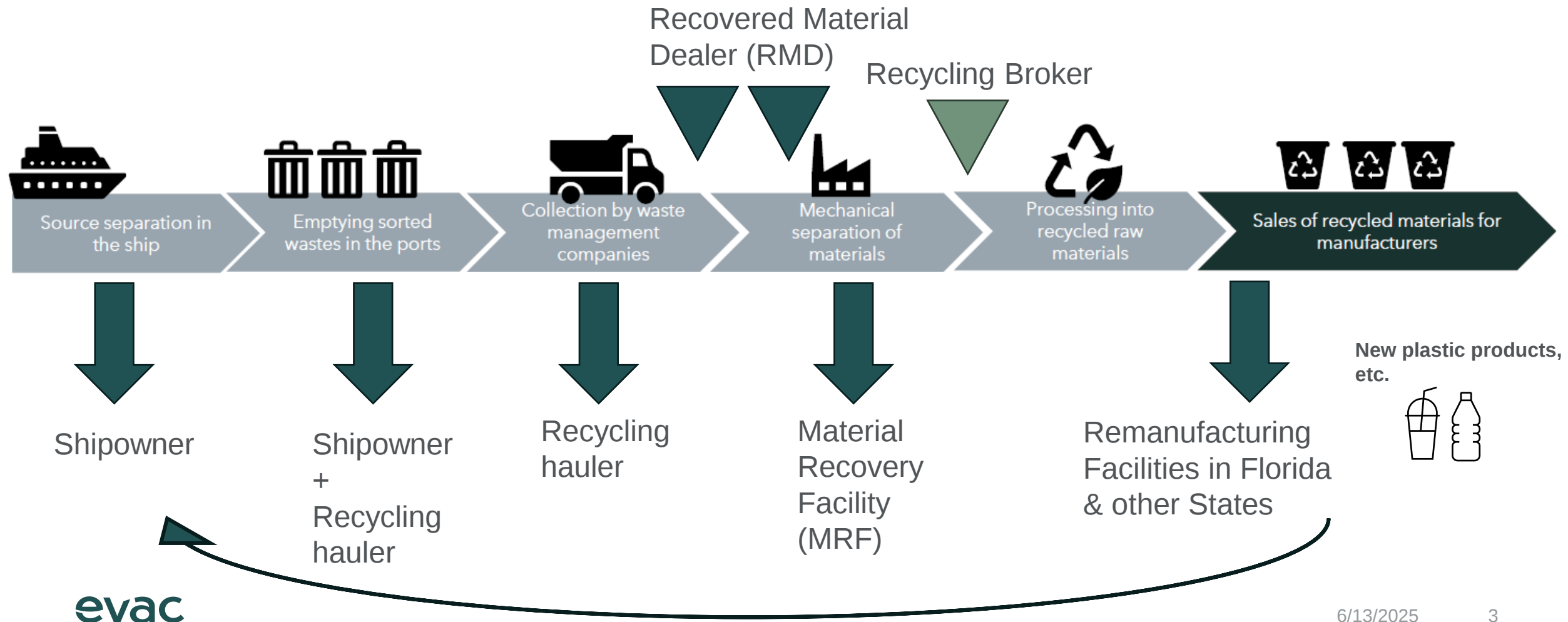
Residual waste

28 %
recovered recycled system

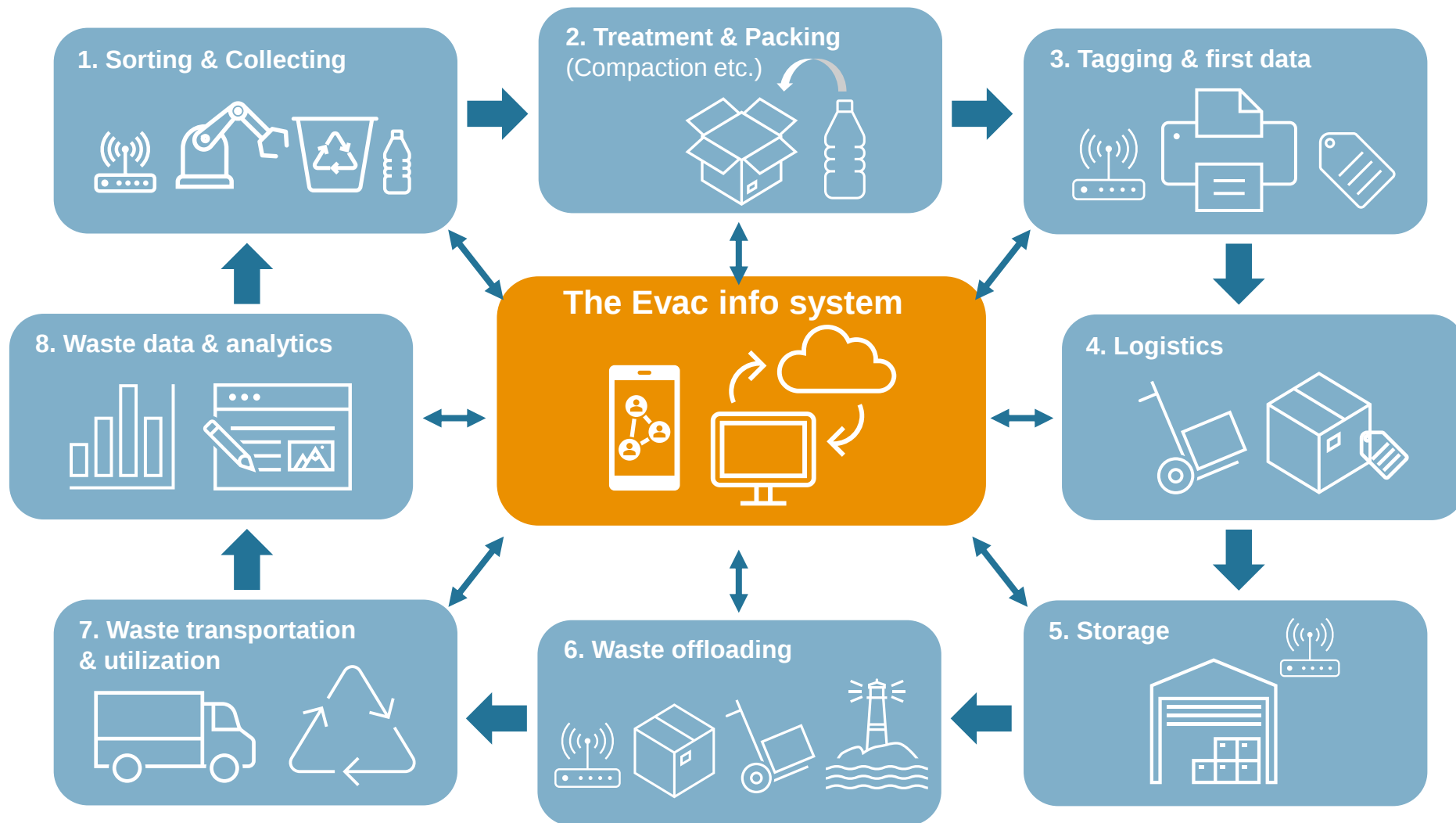


Colored glass Paper Cardboard Plastic packaging Metal packaging

Circular ecosystem thoroughly studied in Florida region and up to remanufacturing other States

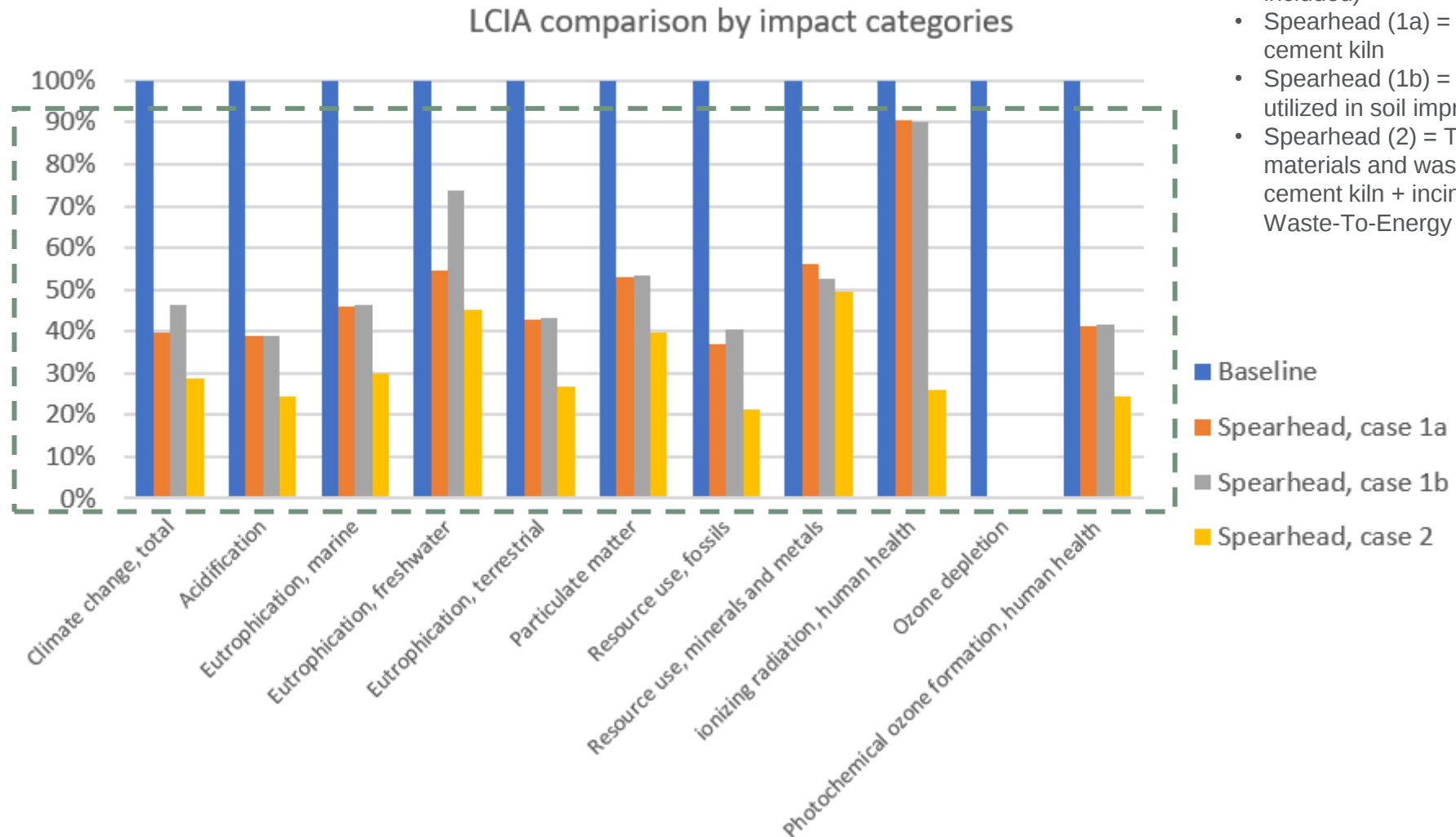


Marking & information system for materials applied: necessary for credible and traceable circular economy



Substantial environmental handprint:

The **carbon handprint** i.e., positive climate impact on all studied cases



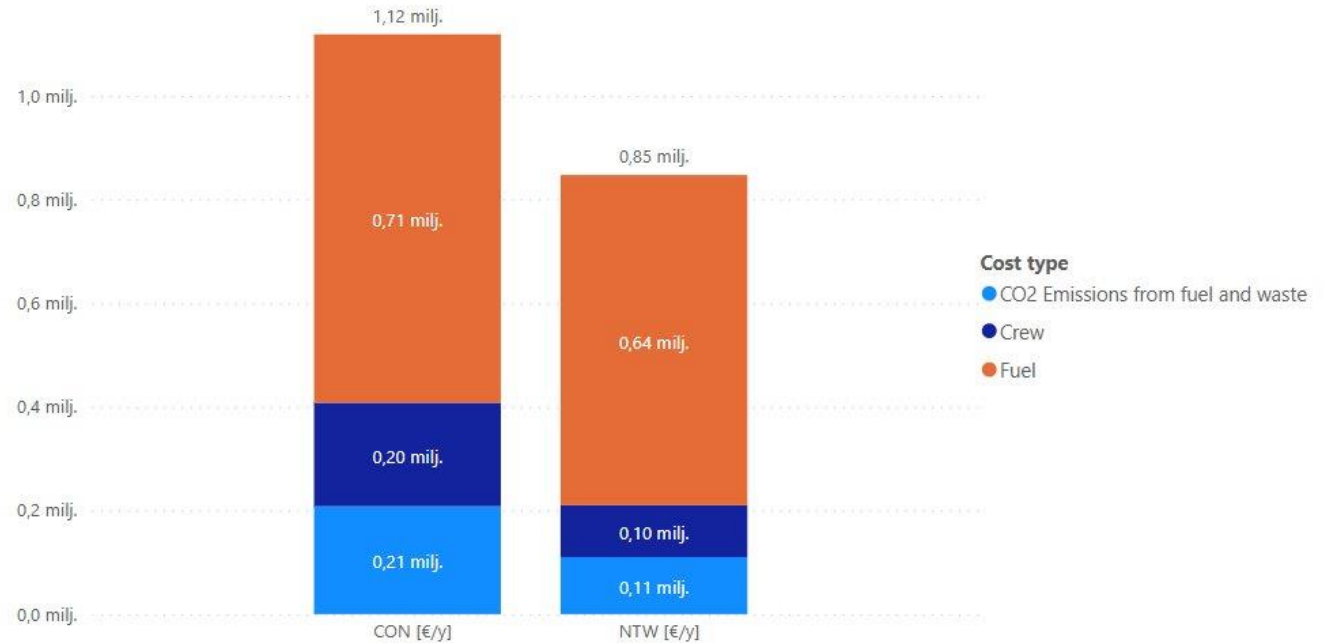
- Baseline = transporting recyclables and incineration ash (no biochar included)
- Spearhead (1a) = baseline + biochar to cement kiln
- Spearhead (1b) = baseline + biochar utilized in soil improvement
- Spearhead (2) = Transporting all materials and waste + biochar to cement kiln + incineration of waste in Waste-To-Energy facility

Business case of modern 10 000 cruiser: Cut OPEX by 24% with Recircular Economy Waste Management (NTW)

- **Conventional** Waste management increases OPEX due to CO₂ costs, crew needs, and fuel use.
- **Evac's NTW system** improves sorting, automates processes, and reduces incineration. NTW also has positive value in terms of landing costs; revenues from recyclables ≈ 80 000 €/y.
- **Benefit:** Cuts OPEX by 24.1% — from €1.12M to €0.85M annually.

Nothing To Waste (NTW) and Conventional system OPEX

CO2 Emissions from fuel and waste, Crew ja Fuel, tekijä €/y



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nothing to waste