Unraveling the sources of microplastic pollution: Your daily contribution

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Worldwide $4.9 \times 10^{12}$ microplastics in the oceans
Where does it come from?
One bottle of body scrub = 330,000 microbeads
Synthetic garment = 1,900 fibres per wash cycle
What happens to these “household” microplastics?
Influent 17 microplastics L⁻¹
Effluent 5 microplastics. L$^{-1}$
Daily discharge in Flanders: $14.6 \times 10^9$ microplastics
Scheldt River

15,000 microplastics.kg$^{-1}$
Microplastics in the marine food chain
Beauty Stuff Inc.
EXFOLIATING
FACIAL SCRUB
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