



BLASTIC

PLASTIC WASTE PATHWAYS INTO THE BALTIC SEA

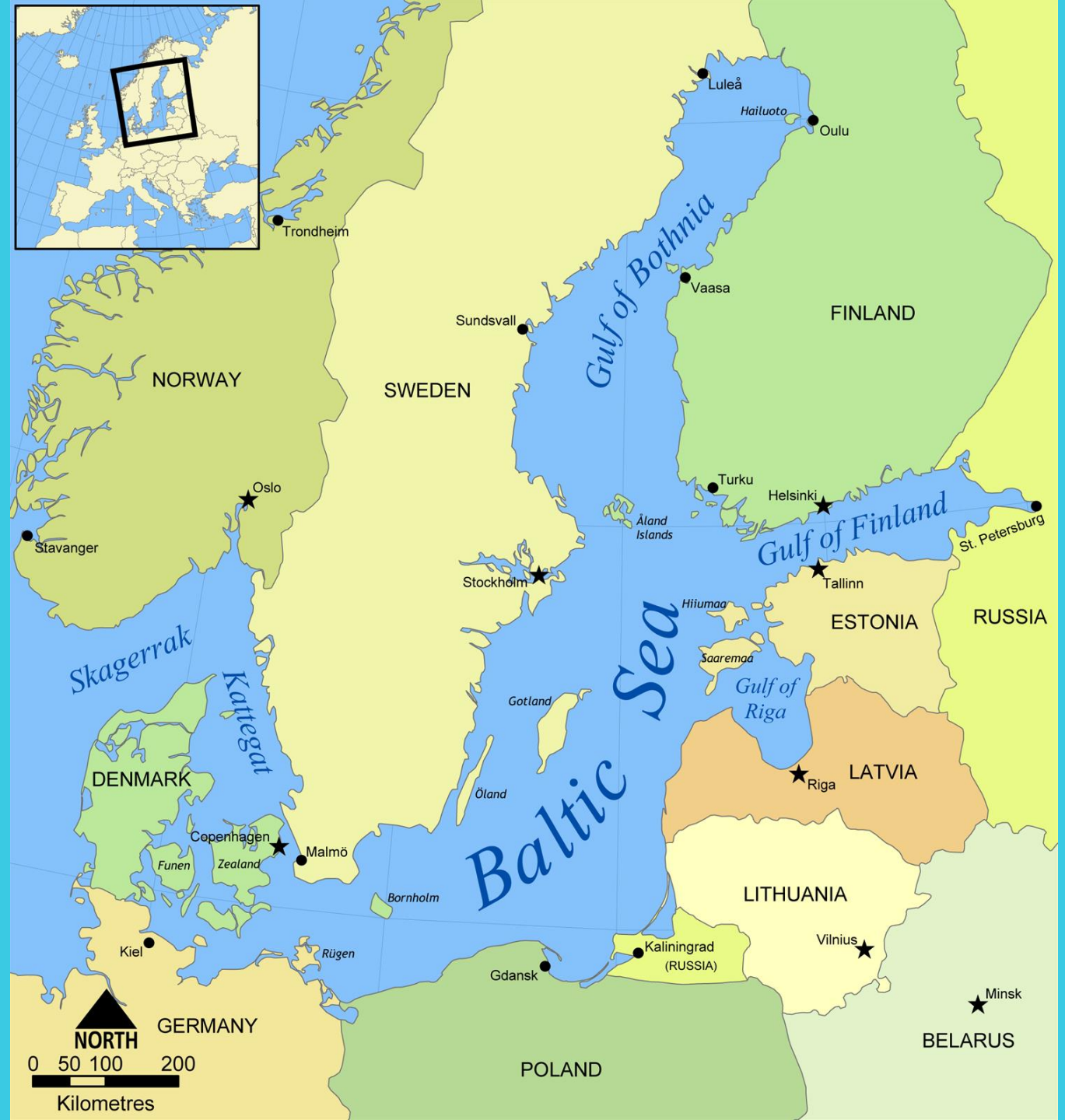
Plastic Waste Pathways Into The Baltic Sea

Eva Blidberg,
Keep Sweden Tidy



The Baltic Sea Beach litter data 2012-2016 HELCOM, 2017

Plastic: 96 litter per 100 m
Total: 127 litter per 100 m



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BLASTIC – an international project

- An EU-project finansied by Central Baltic Interreg program 2014-2020
- Total budget: about 1 million EUR
- Ongoing between Jan 2016- Dec 2018
- It is a flagship project



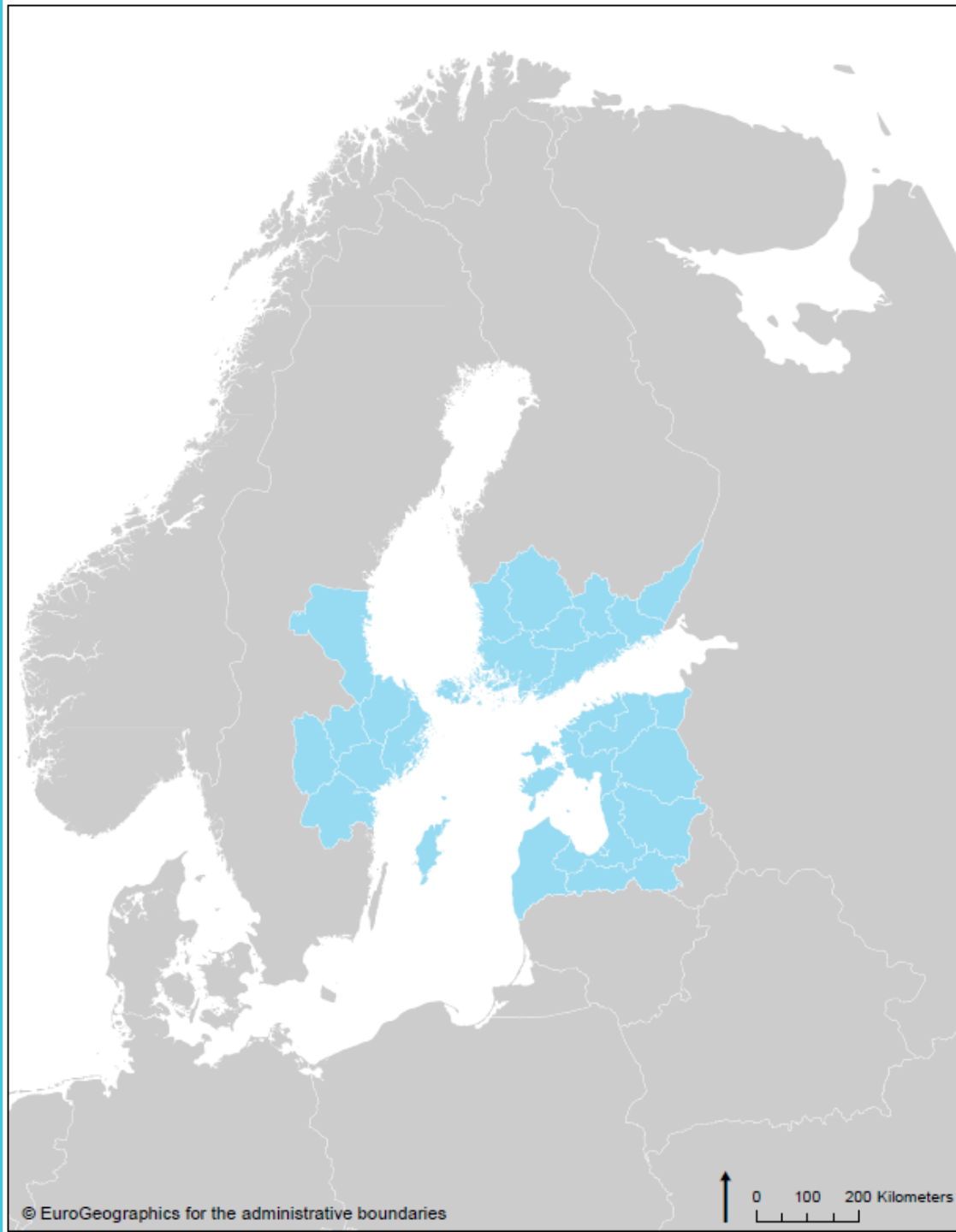
KEEP SWEDEN TIDY

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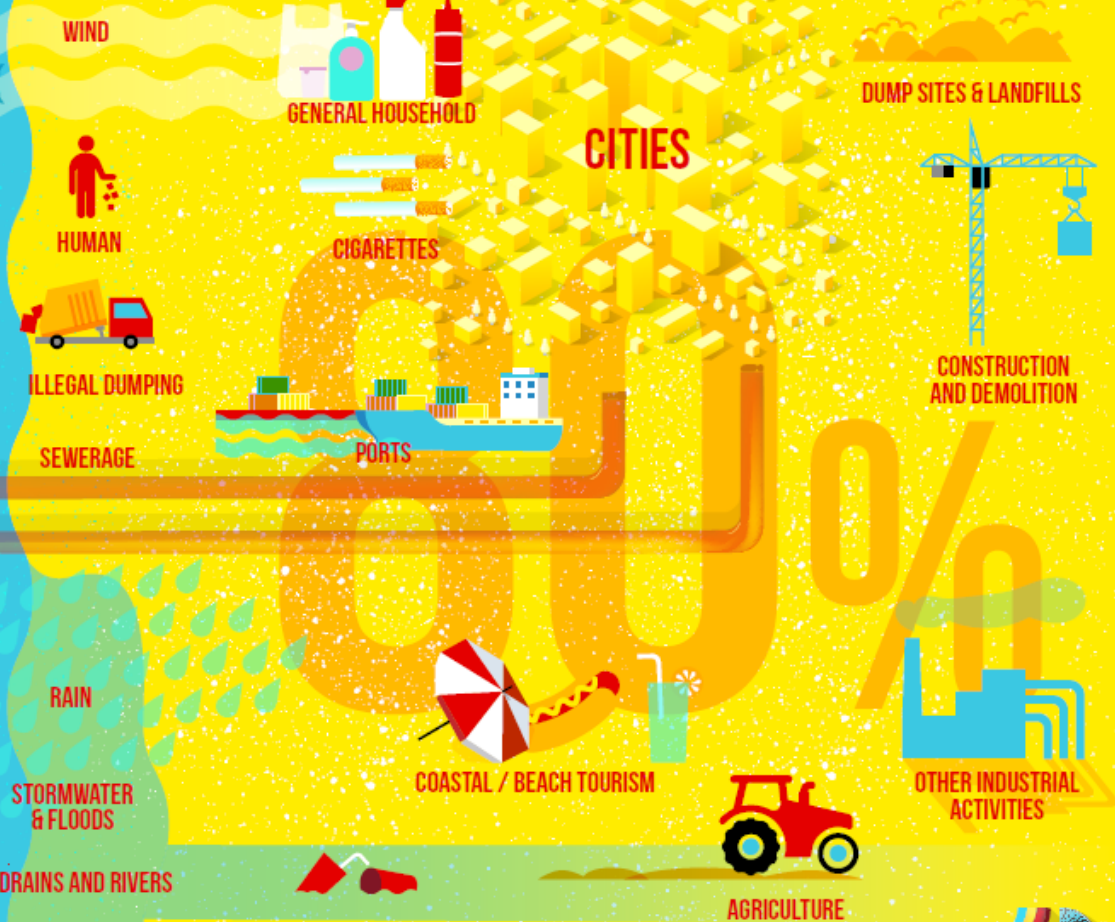
Keskkonnaamet



SEA-BASED SOURCES

PATHWAYS

LAND-BASED SOURCES



70%
OF MARIN LITTER SINKS TO THE SEABED

15%
CONTINUES TO DRIFT WITHIN THE WATER COLUMN

15%
OF MARIN LITTER SINKS TO THE SEABED



How?



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Mapping of sources and pathways



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HÅLL SVERIGE RENT.

Checklist for mapping the sources and pathways of marine litter

Only values 1,2 or 3 are allowed

Source of litter	Pathway	Q no	Characteristics/ Activity or issue	Question	Information source/Reference	Answer	Guidance for assessment/Scoring levels	Assessment result	Additional information/Comments
Human direct WindHuman direct WindHuman direct WindHuman direct Wind		B11	Waste management system (marinas)	How do you perceive the adequacy of the litter and packaging waste collection system in recreational marinas (clear waste collection requirements defined, litter collection bins available, waste prevention measures implemented, etc.)?	Based on review of existing legislation, observations or the estimation/opinion of authority	1	1: good 2: fair 3: poor1: good 2: fair 3: poor1: good 2: fair 3: poor	1	
Potential of marine litter generation from recreation and tourism based on assessed source subcategories/activities								1	
C. General littering		C1	Socio-economic characteristics (food takeaway)	How many food takeaway facilities (restaurants, kiosks and other that sell takeaway food) are there near the coast/beaches and rivers/canals (e.g. closer than 200 m)?	Based on local database or estimation	1	1: <50 2: 50-100 3: >1001: <50 2: 50-100 3: >1001: <50 2: 50-100 3: >100	1	
		C2	Socio-economic characteristics (outdoor markets)	What is the number of outdoor market areas closer than 200 m to the coast/beaches and rivers/canals?	Based on local database or estimation	1	1: 0 2: 1-2 3: >21: 0 2: 1-2 3: >21: 0 2: 1-2 3: >2	1	
Potential of marine litter generation based on socio-economic and geographical characteristics of the municipality								1	
Human direct Drains and rivers WindHuman direct Drains and rivers WindHuman		C3	Awareness and behaviour (residents' attitude)	How do you characterise residents'/ population's sense of pride, ownership and involvement in local spaces that is reflected in littering behaviour?	Based on studies or public opinion polls. If these are not available, then based on the estimation/opinion of authority	2	1: good 2: fair 3: poor1: good 2: fair 3: poor1: good 2: fair	2	
Human direct Drains and rivers WindHuman direct Drains and rivers WindHuman direct Drains and rivers		C4	Awareness and behaviour (residents' awareness)	Is littering generally perceived as a problem in the municipality? <i>Please indicate the areas/sites that have littering problems in the comment section.</i> Is littering generally perceived as a problem in the municipality? <i>Please indicate the areas/sites that have littering problems in the comment section.</i> Is littering generally perceived as a problem in the municipality?	Based on studies or public opinion polls. If these are not available, then based on the estimation/opinion of authority	2	1: no problem 2: moderate problem 3: big problem1: no problem 2: moderate problem 3: big problem1: no problem 2: moderate problem 3: big problem1: no problem	2	



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Monitoring



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Foto: Anna Fråne





Foto: Eva Blidberg

Actions



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Thank you!

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