



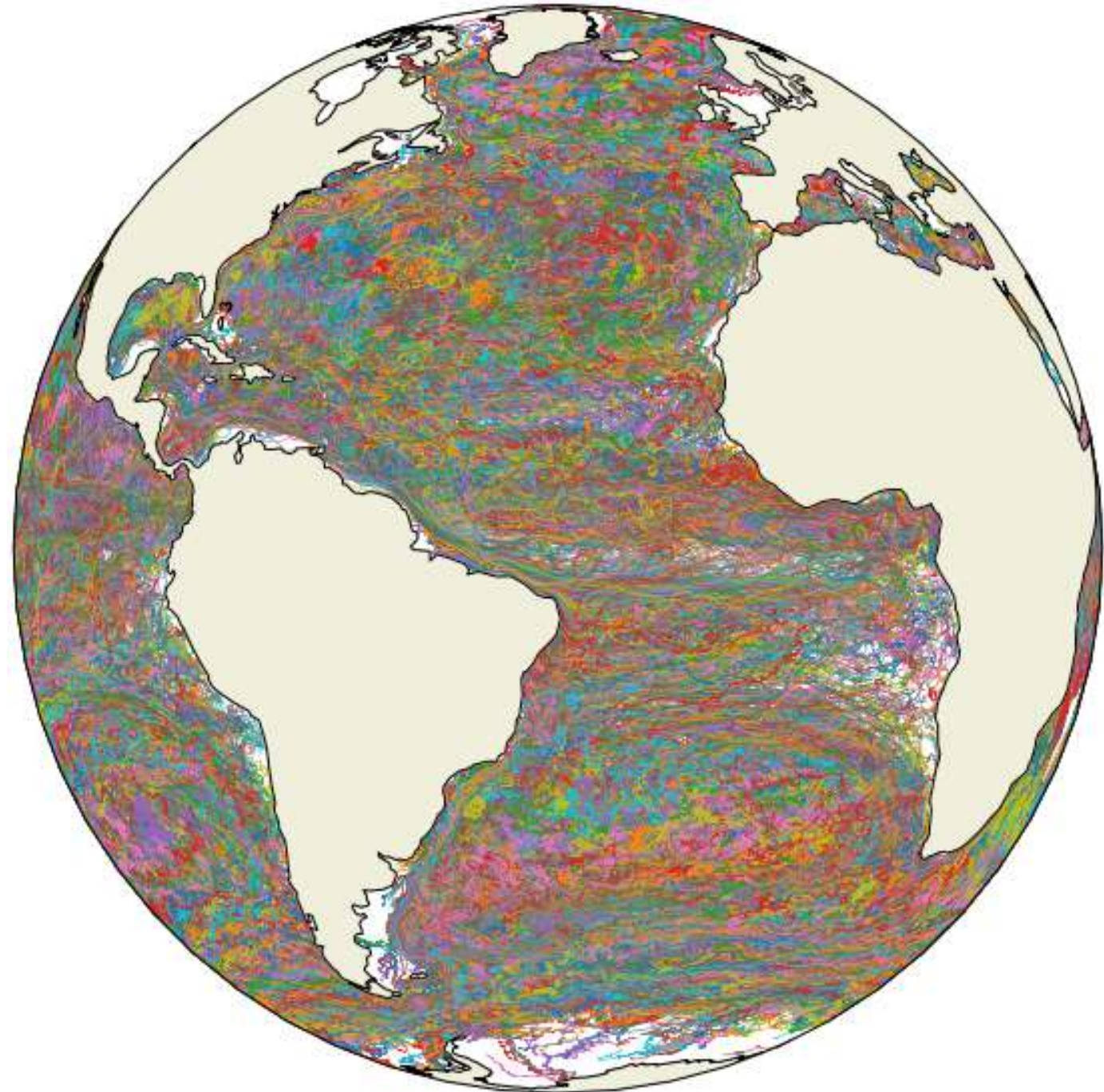
Utrecht University

Geoscience for the Green Deal

*Why (ocean) solutions
need science*

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All about plastic soup

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Image: Aike Vonk @ uu.nl/plasticsoep

The common misconception of an island of trash in the Pacific Ocean



My dear! A floating waste dump?

Something like it! This is the PLASTIC SOUP!

A blessing in disguise!

With this garbage, we can make a new mast and rudder!

Donald Duck - August 2017

The 'plastic soup'

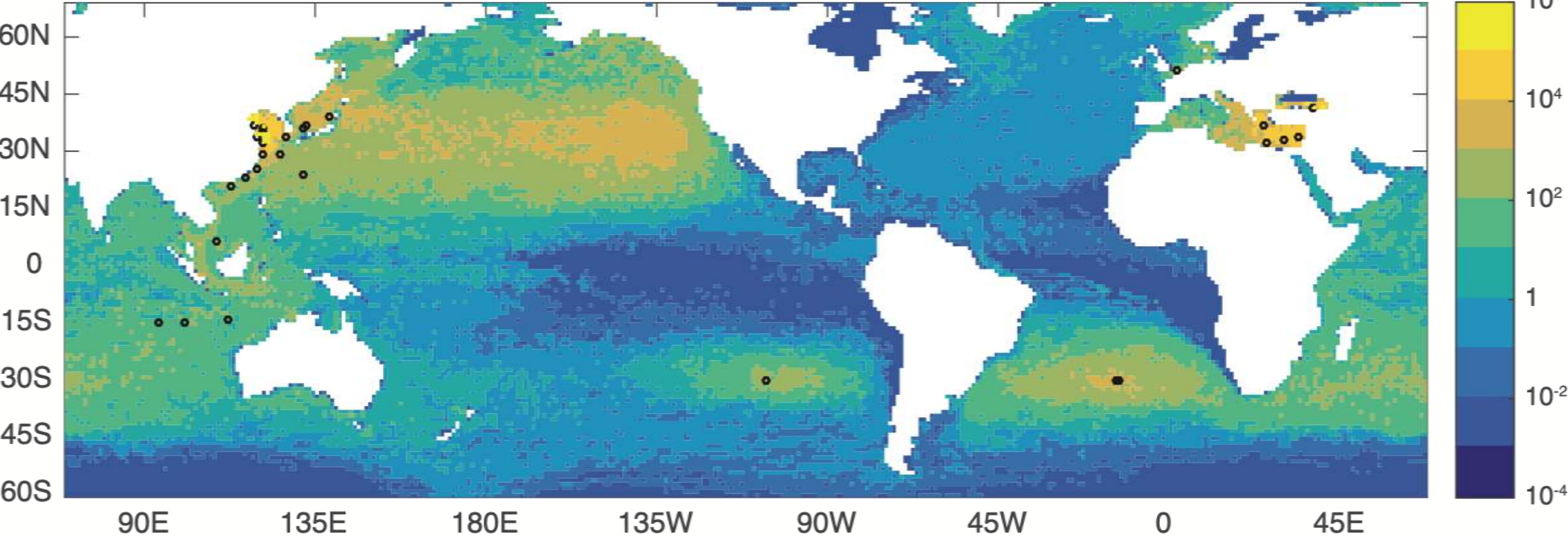
Photo: Lindsey Hoshaw



Where to clean up the plastics?

Optimal locations for booms

Reduction of microplastic mass after 10 years [g/km²]



A digital twin ocean to test mitigation strategies





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