



MORPHEUS

Model Areas for Removal
of Pharmaceutical Substances
in the South Baltic



European
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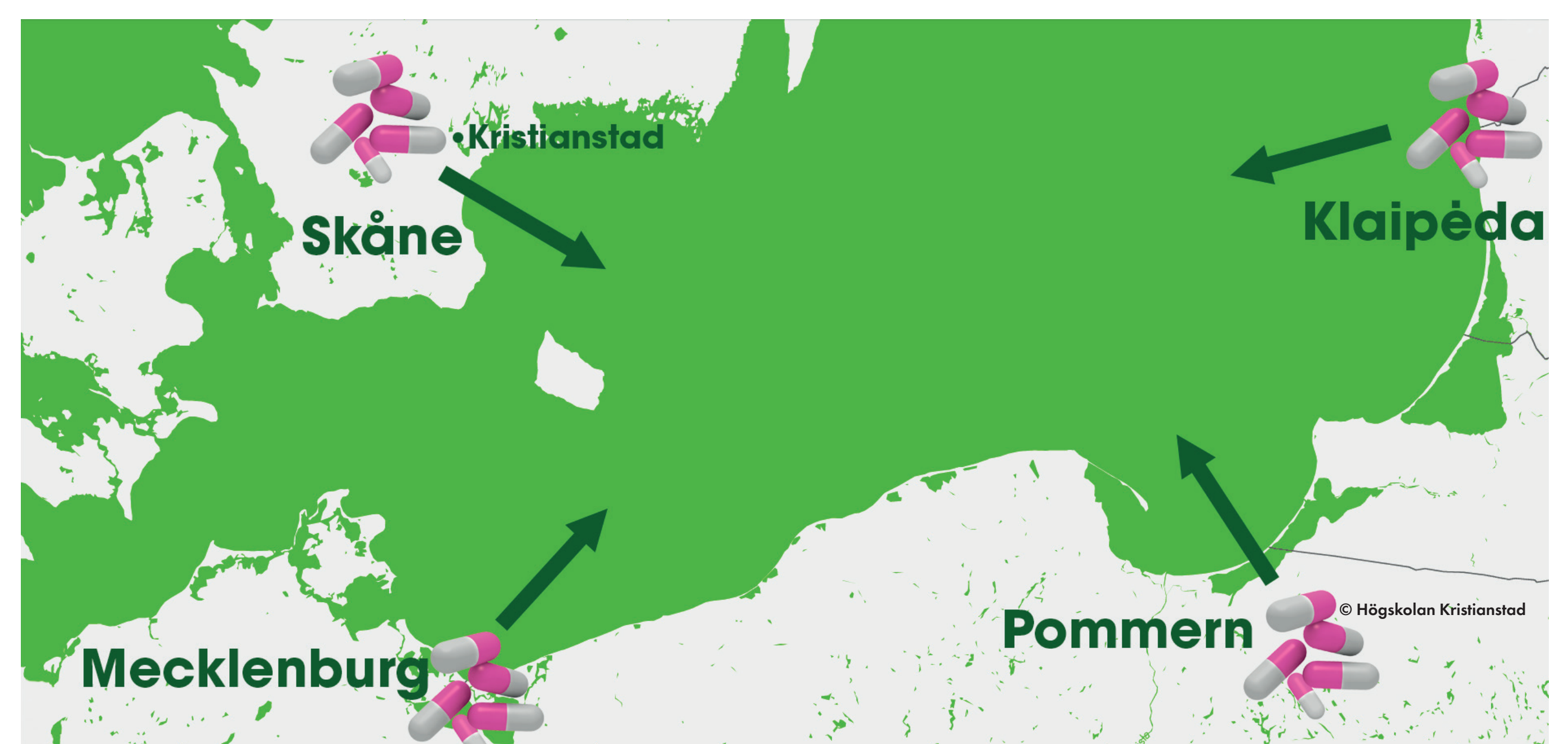
Model Areas for Removal of Pharmaceutical Substances in the South Baltic

THE BACKGROUND

The background to this project is the constant release of pharmaceuticals and other micropollutants via wastewater treatment plants (WWTPs) to the South Baltic Sea (SBS).

The project will combine information on upstream pharmaceuticals consumption patterns with estimates of the downstream discharge of pharmaceuticals from a few selected WWTPs located in the coastal regions Skåne (Sweden), Mecklenburg (Germany), Klaipėda (Lithuania) and Pomerania (Poland). Additionally an inventory of the status of existing treatment technologies will be made available.

This information will aid WWTPs and authorities in a future implementation of the most suitable advanced treatment technology.



THE MAIN OUTPUTS

- recommendations for actions on how to reduce chemical burden,
- roadmaps for investment in advanced treatment technologies at selected regional WWTPs,
- training courses on basic pharmaceutical analysis and advanced treatment technologies,
- awareness raising among consumers.

THE CHANGE

The expected change is increased knowledge among WWTPs staff and regional/national authorities on pharmaceuticals released to the SBS and improved likelihood of them making wise investments in updating WWTPs in coastal regions the coming decade, thereby improving the water quality of the SBS.



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