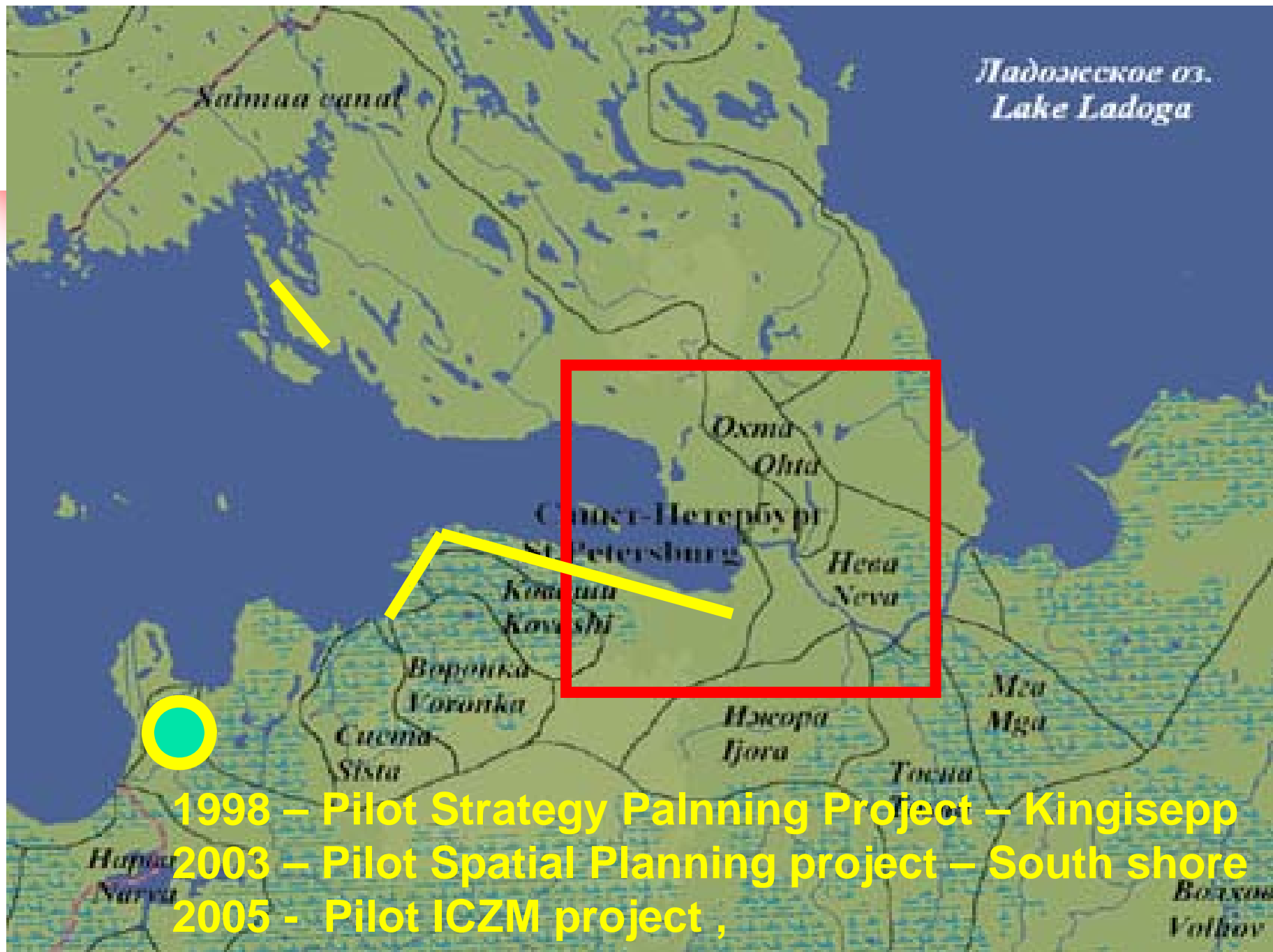




Challenges for Coastal development Gulf of Finland

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In practice – Primorsk and recommendations, which were not used for planning

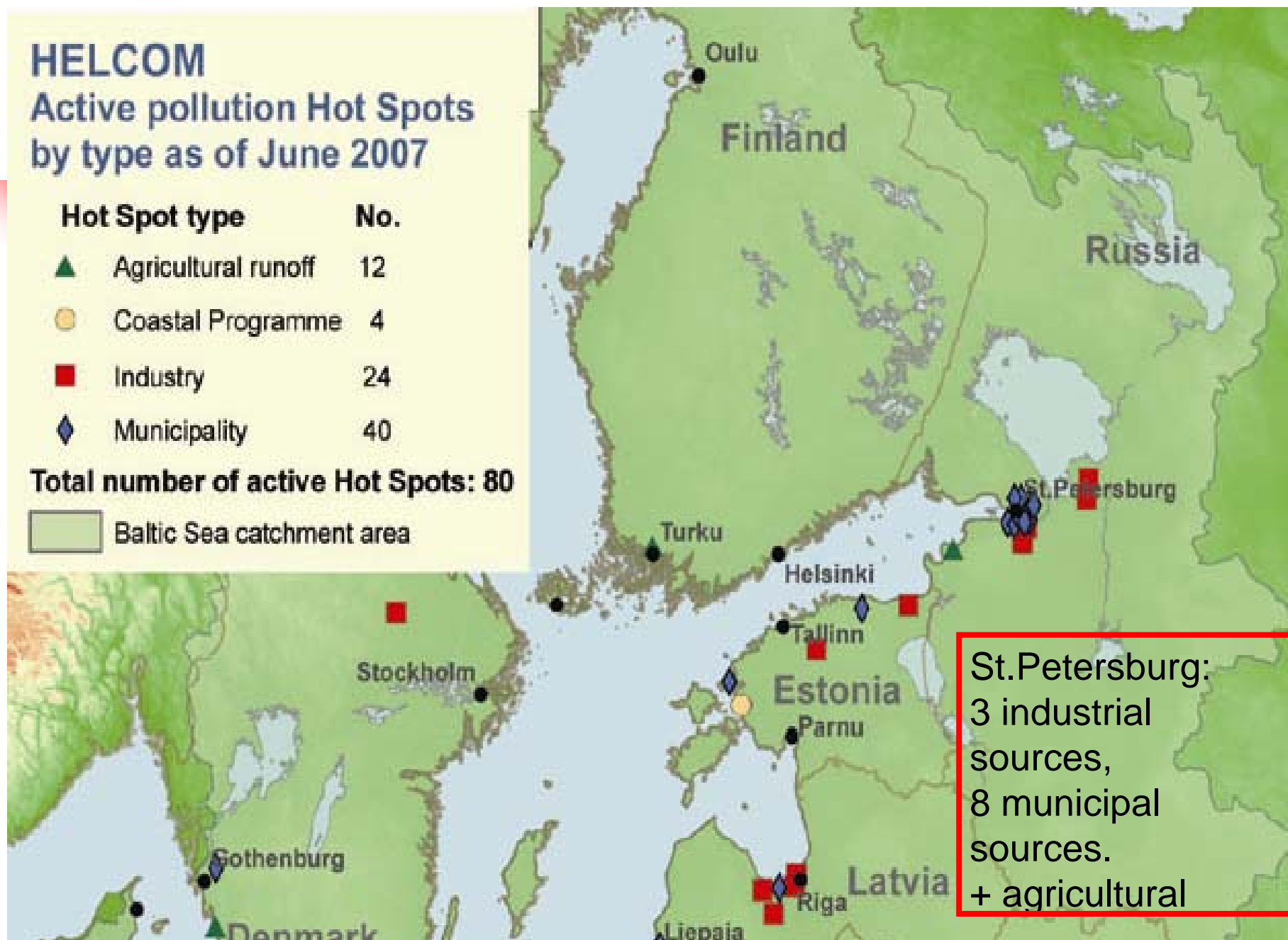
HELCOM

Active pollution Hot Spots by type as of June 2007

Hot Spot type	No.
▲ Agricultural runoff	12
○ Coastal Programme	4
■ Industry	24
◆ Municipality	40

Total number of active Hot Spots: 80

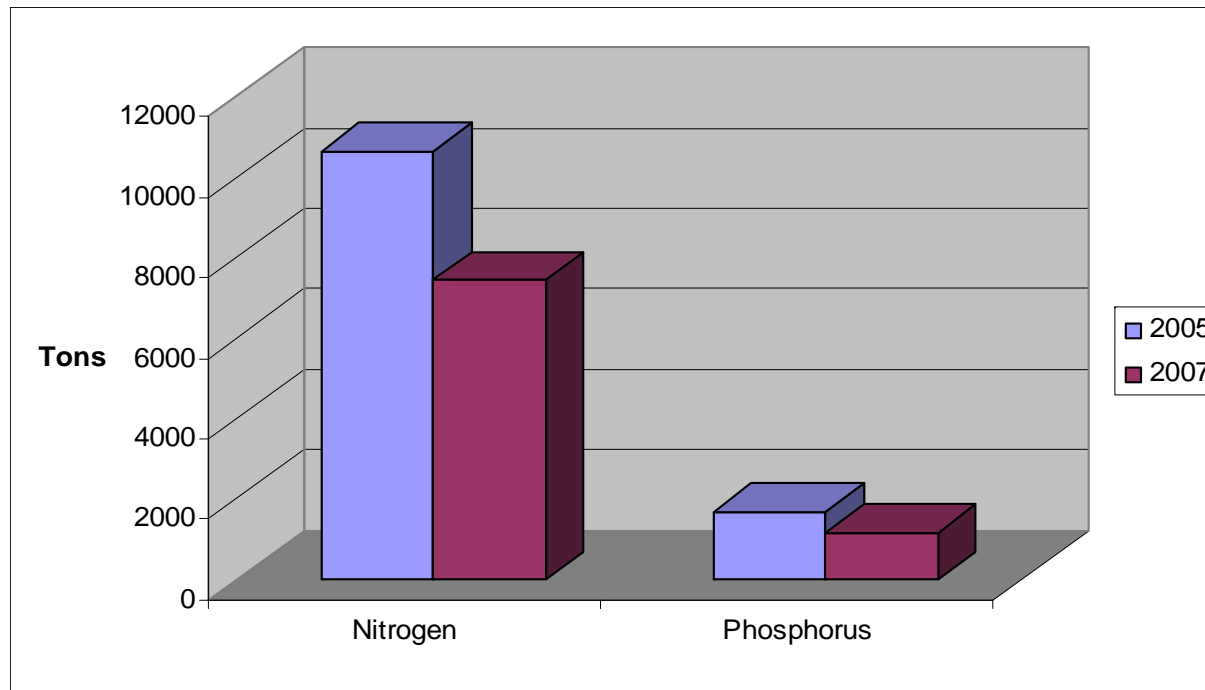
■ Baltic Sea catchment area



St. Petersburg:
3 industrial
sources,
8 municipal
sources.
+ agricultural

Amount of Nitrogen and Phosphorus in wastewater of St.Petersburg

St.Petersburg per year 2005, 2007



Including housing sector 85%

+

Agriculture

N - 1400 tons

P - 300 tons

Official data:

2007 – 85 % of St.Petersburg wastewater are treated.



Wastewater treatment in St.Petersburg - prospects

HELCOM recommendation:

Total phosphorus in effluent – up to 1,5 mg/l

Vodocanal target for phosphorus - **0,5 mg/l**
at all city waste water treatment plants
by 2009.

It promises to secure reducing of P concentration
in the Gulf on 24%

2012 – reduction of amount of biomass in the
Eastern part of the Gulf of Finland
by more than 60 %

Wastewater – non-registered sources in St.Petersburg



Thank you for your attention!



Welcome to St.Petersburg Ecocentrum

Friends of the Baltic, Centre for Environmental Initiatives, TEIA