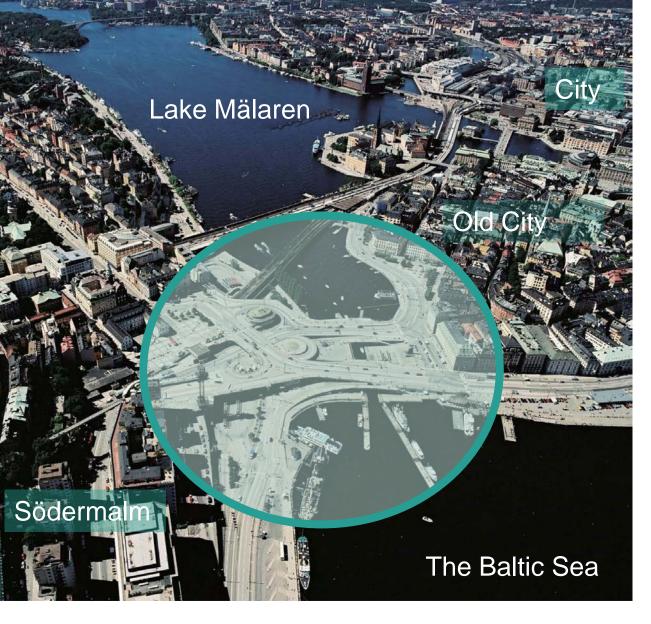
Slussen and a new water regulation plan for Lake Mälaren



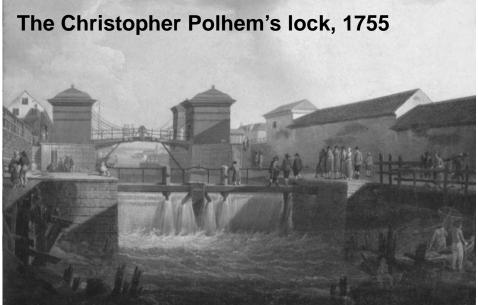


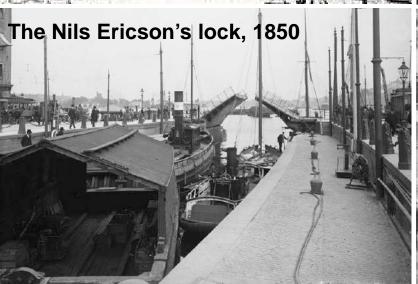
Slussen

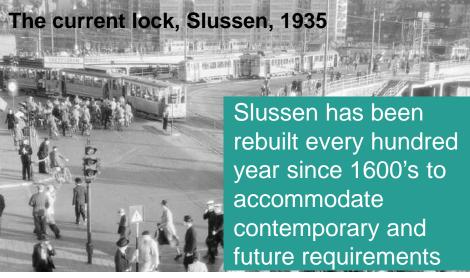
- Openness and space
- •A main hub for Stockholmers
- Vital public functions
- Lock for boats and ships
- •Water regulation of Mälaren
- High cultural values
- High risk of flooding



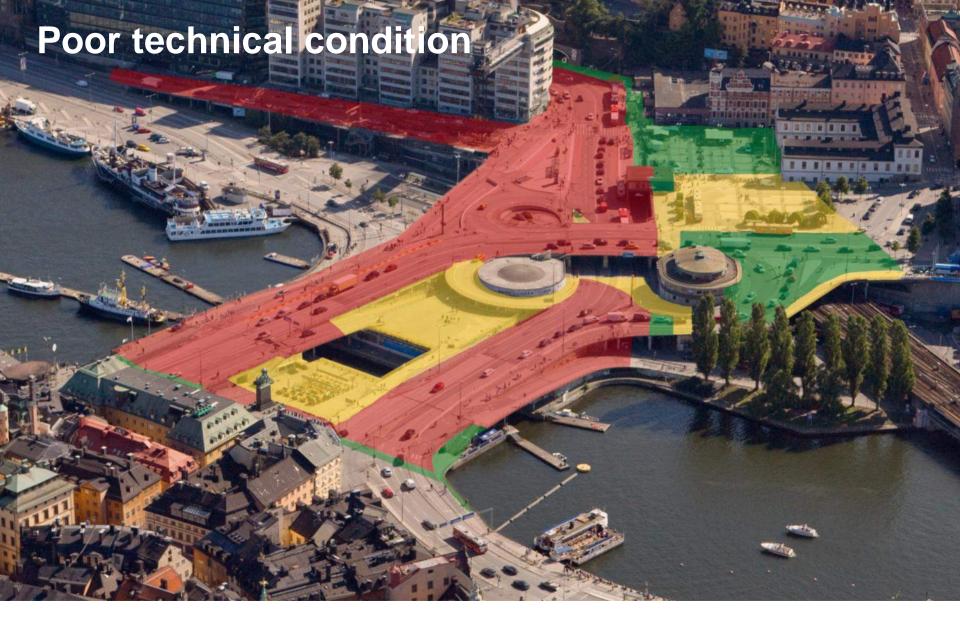












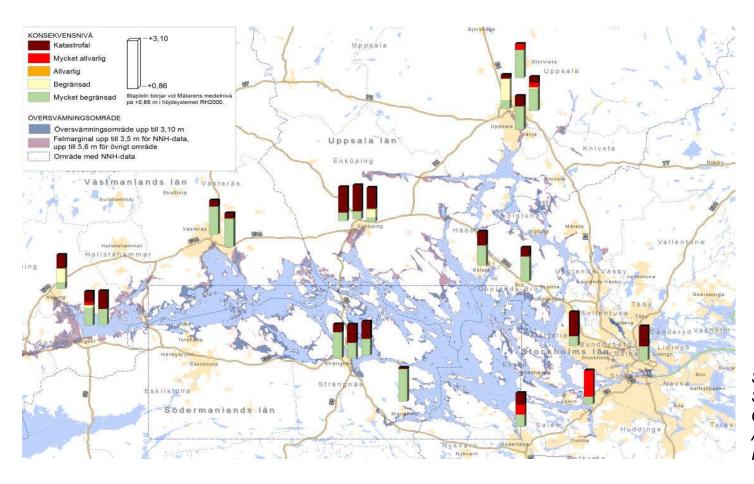






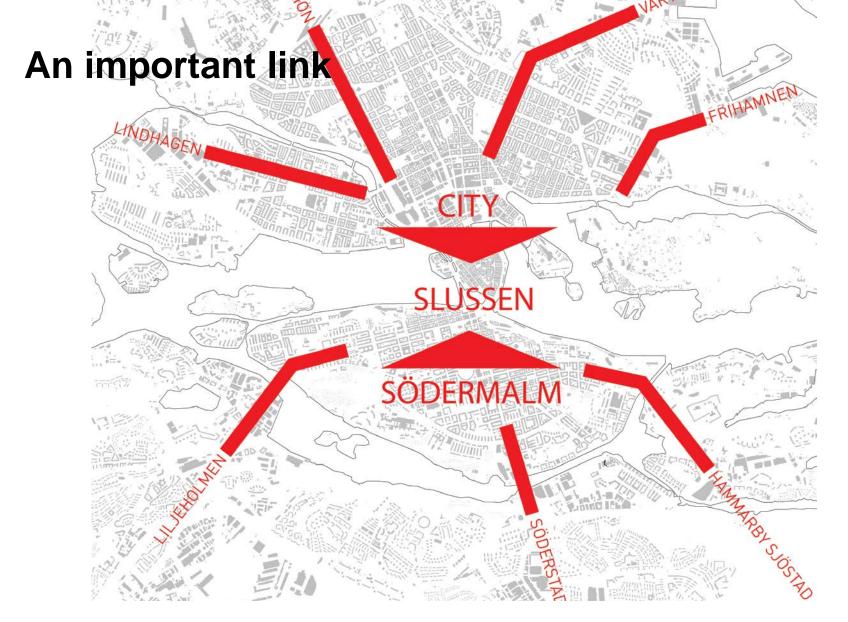
Severe consequences around the lake

Impact on important public functions



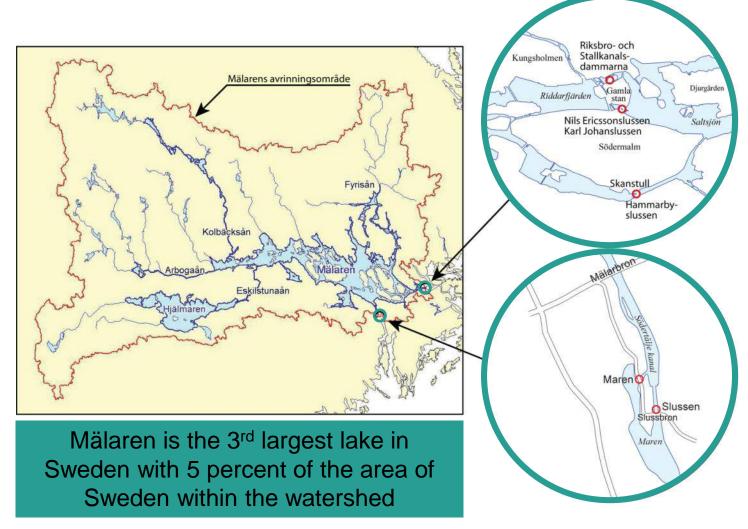
Source: Swedish Civil Contingencies Agency Fö2010/560/SSK







A regulated lake since the 1940's





Provides vital ecosystem services and other values

6 counties, 40 municipalities within the watershed

Source of drinking water for more than 2 million people

Waterfront cities, cultural sites, industries and infrastructure









Wetlands of national importance and high recreational value

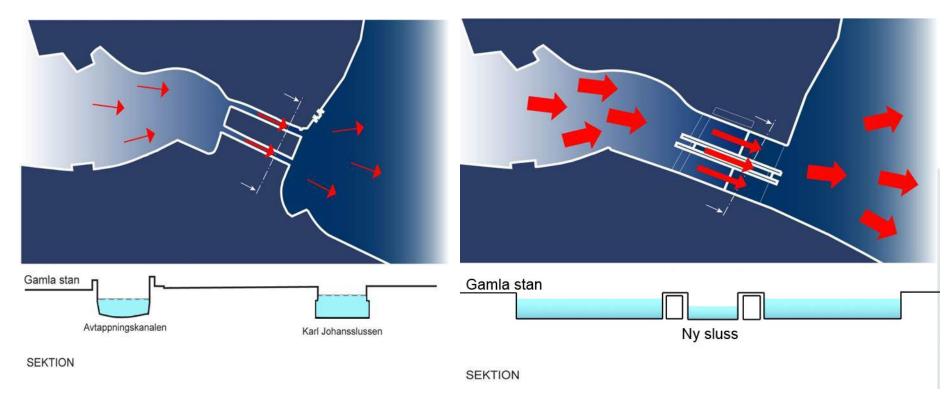
About 70 Natura-2000 areas, of which 20 are in shoreline locations

Waterway and harbors of national interest



Increased ability to regulate the water level

The new Slussen has 5 times the discharge capacity



... and in the Hammarby Channel capacity will double



A new water regulation plan











Improved conditions for the natural environment









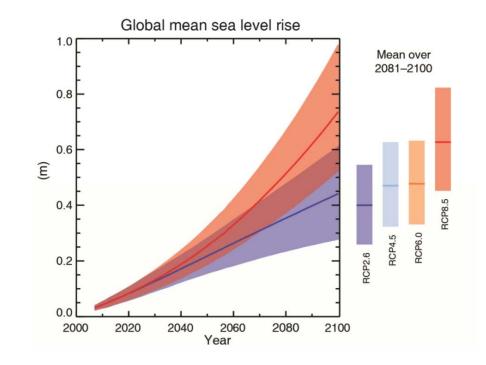
A changeing climate







- Changing inflow to Lake Mälaren
 - Temperature
 - Percipitation
- Rising sea level in the Baltic Sea





Designed for climate adaption

 New Slussen facility adapted for higher water levels

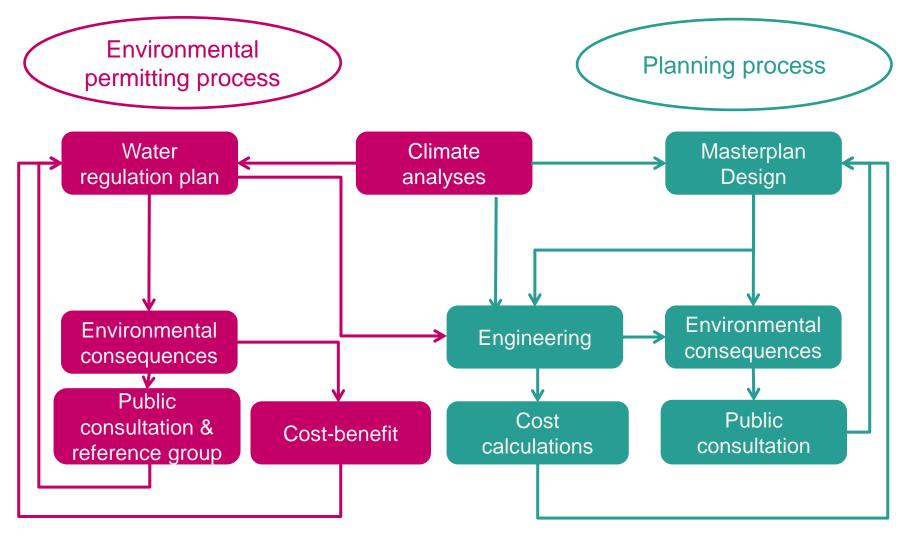
Increased discharge capacity of Lake Mälaren

 Dynamic and more ecologically minded water regulation plan for Lake Mälaren

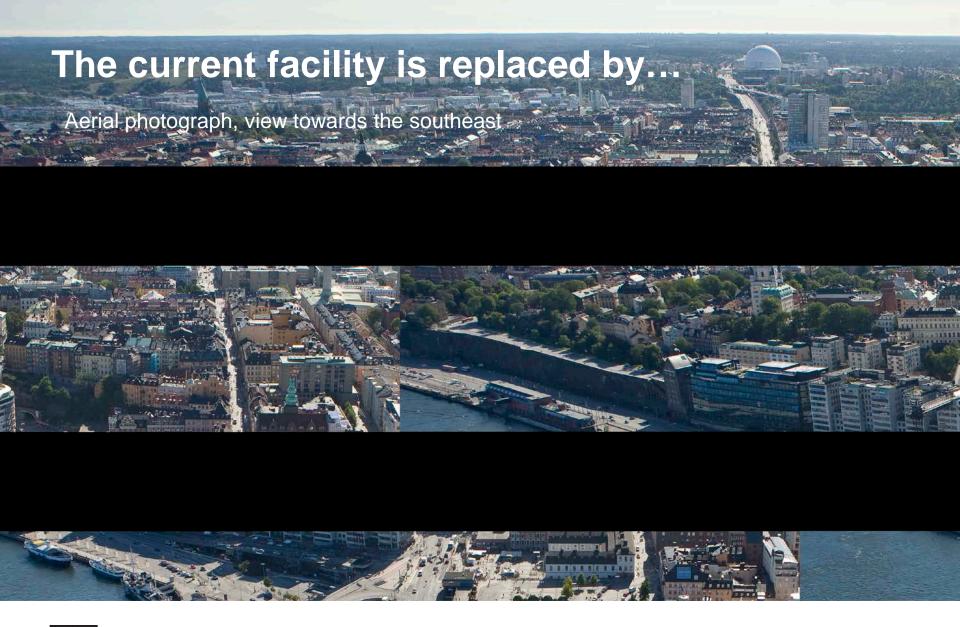




A working process in several phases













The Water Plaza Overlooking the Water Plaza and the Old Town from the south

























