



Social and economic effects to justify water measures

Examples from LIFE IP Rich Waters

Lova Lind lova.lind@lansstyrelsen.se

Rosita Ericsson rosita.ericsson@lansstyrelsen.se



Havs
och Vatten
myndigheten

Rich Waters: The first integrated LIFE project in Sweden

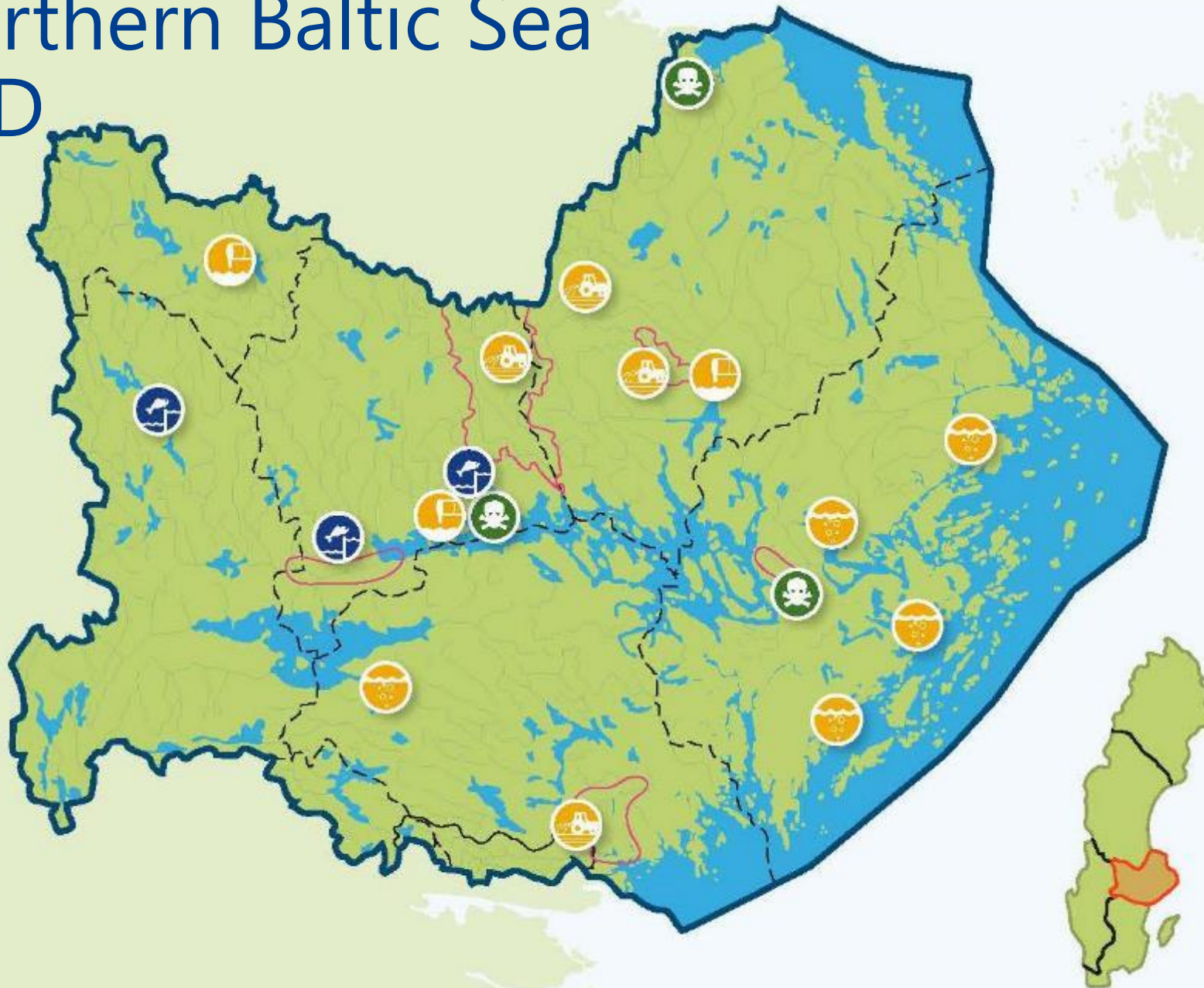
Project period: 2017 – 2024/25

Total budget: € 30 million

Goal of project: Boosting the implementation of the Water Framework Directive



Northern Baltic Sea RBD



Free fish migration



Environmental pollutants



Eutrophication - internal loading



Eutrophication - agriculture



Eutrophication - waste and storm water



Water planning

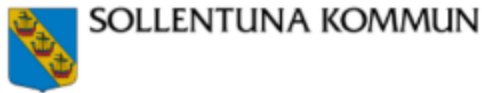


Swedish Agency
for Marine and
Water Management

For the benefit of our common waters



Havs
och Vatten
myndigheten

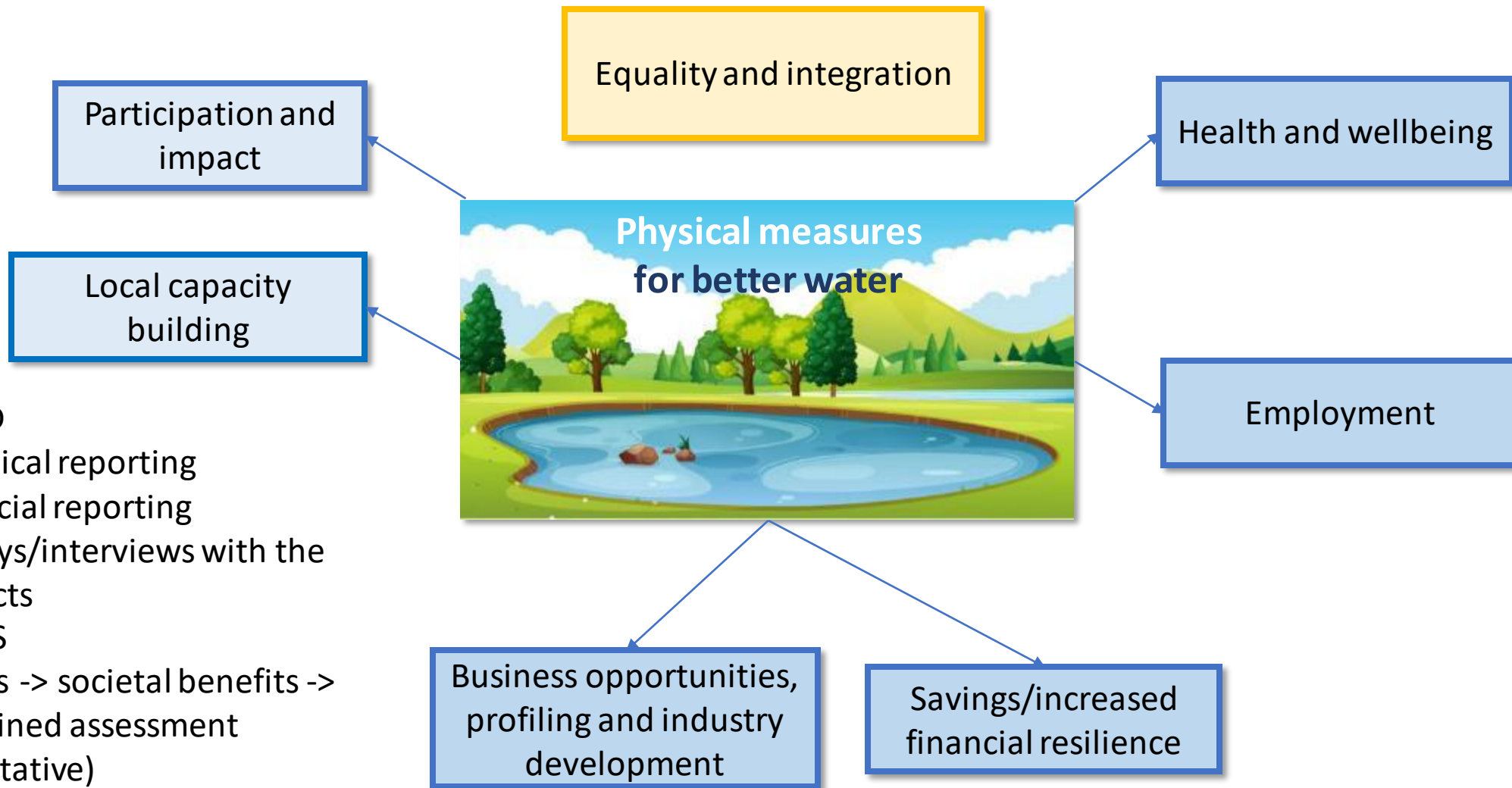




Multifunctionality for sustainable development

- Evaluation of social and economic effects provides knowledge about, and a tool for creating more synergies
- Future efforts more coordinated towards multiple goals (societal benefits)
- Creates higher cost efficiency



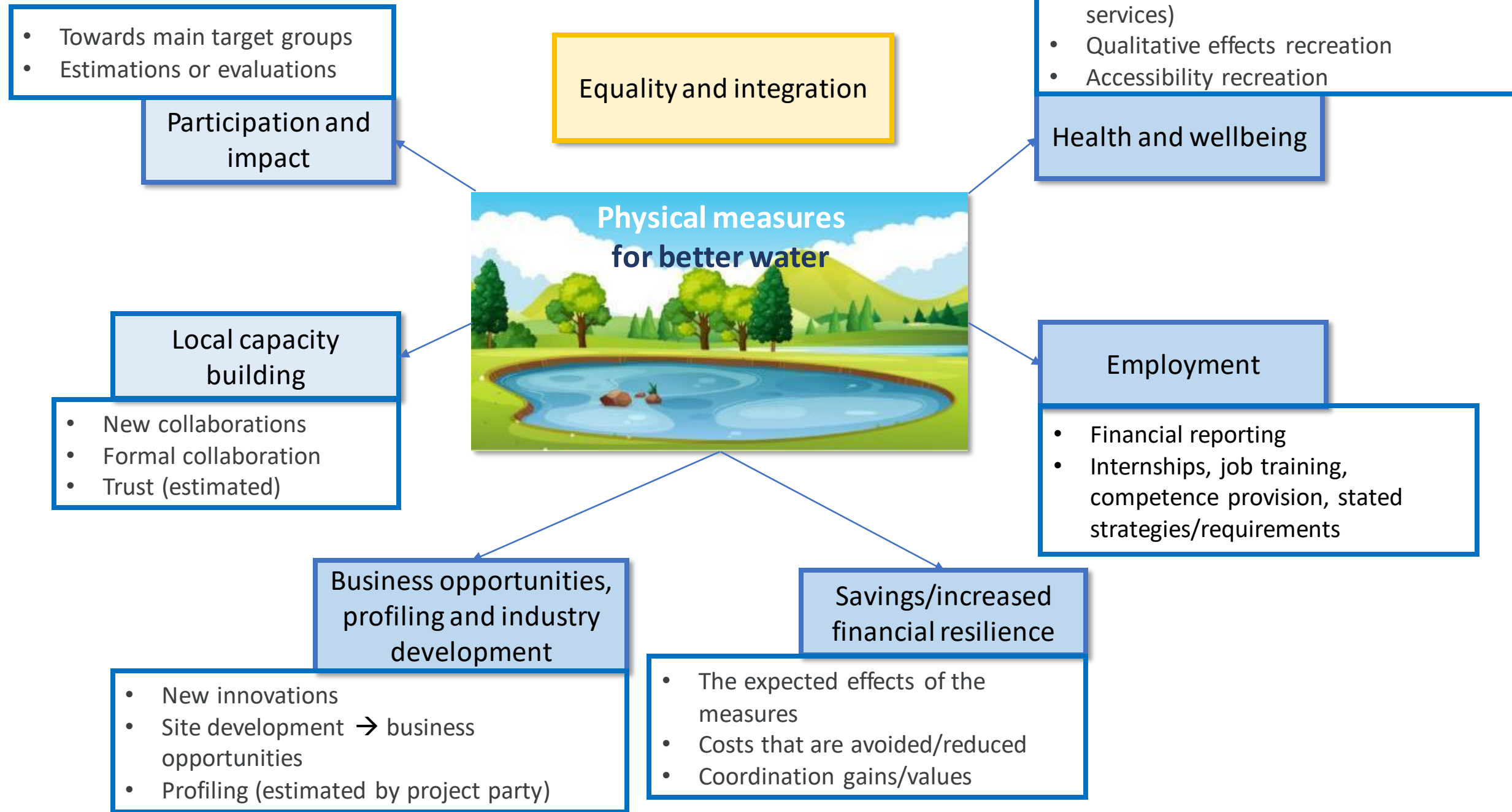


METHOD

- Technical reporting
- Financial reporting
- Surveys/interviews with the projects

ANALYSIS

- Effects -> societal benefits -> combined assessment (qualitative)
- To the extent that it is possible to make an economic evaluation (quantitative)





AI-treatment in lake Norrviken

- Main purpose: restore eutrofied lake
- Other effects: health and well-being – better water quality leading to greatly improved recreational values
- Possible economic value exceeds the costs of the measure

Multifunctional water parks

- Main purposes: Water treatment, biodiversity, recreation
- Other effects: Integration, equality, awareness raising



Adding value through architecture



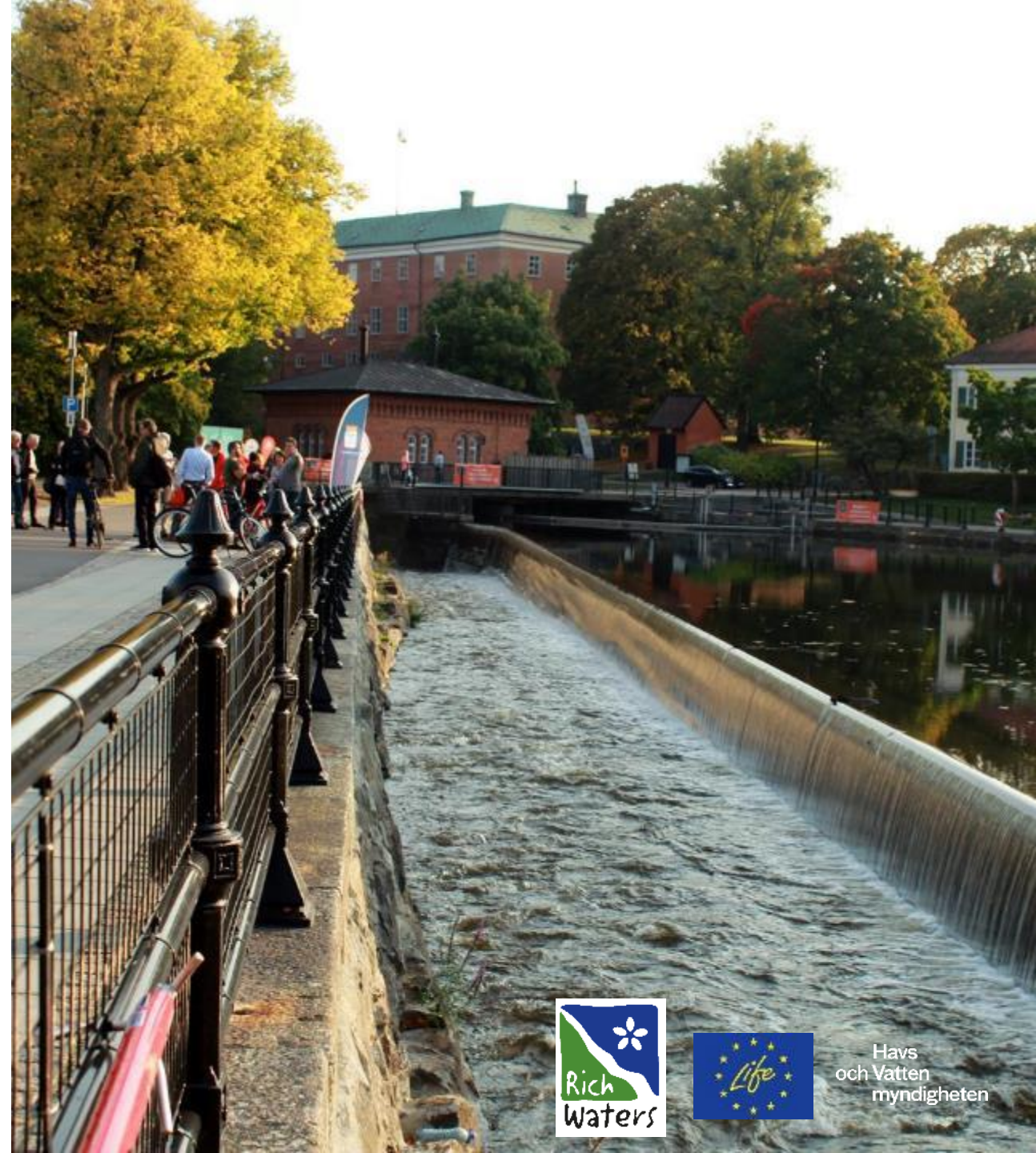
Arkitektur



Havs och Vatten myndigheten

Fauna passage in urban environment

- Main purpose: Restoring connectivity and free fish passage in river Svartån
- Other effects: cultural environment preserved, economic effects (climate adaptation, protection from flooding), recreation and learning, awareness raising
- Tourism
- Inspiration for others, possibly leading to more, similar measures



Havs
och Vatten
myndigheten



KLIMAT: VÅTMARKER



Våtmarksparken ska bidra till bättre vattenkvalité i Mälaren

Vattensamordnaren: "Här kan vi också umgås och grilla korv"



VLT.SE
Fisken köar för att vandra i faunapassagen
Under förra året var det nio aspar som tog sig upp i Svartå



...t projekt: Övergödd sjö ger näring till mark i Katrineholm
...växer rik på förfärliga örter. Övergöddheten i sjön Öljaren kan nu ses på örter i närområdet. Ett projekt som gynnar både spårorten och ökar vildorlternas säkerhet.
...spårar kan det här göra i flera öjar så att förfärliga kan ta upp och som en resurs på nytt, säger miljöinspektören Jerney Håbertsson vid Öljaren.



NY RAPPORT
Läkemedelsrester i största sjöarna

Visibility and public debate

- Awareness raising on occurrence and effects of PFAS, TBT, organic pollutants
- Nutrient leakage from horse keeping - - changing public opinion
- Visibility for measures in city contexts
- More than 500 news reports, some 60 press releases from our partners
- Website, newsletter, social media
- Video, illustrations, public



Swedish Agency for Marine and Water Management



Water at the heart of politics

https://youtu.be/fk-uluGJ1qM?si=zQHPJ11Y_0VvS8Q6

To sum it up!

- Great potential in multifunctional measures
- Cheaper to prevent than to remediate – e.g. environmental pollutants and floods
- Document: make sure that the conditions for monitoring are in place from the start
- Learn from other evaluations to create greater societal benefit



Keep in touch!



www.richwaters.se



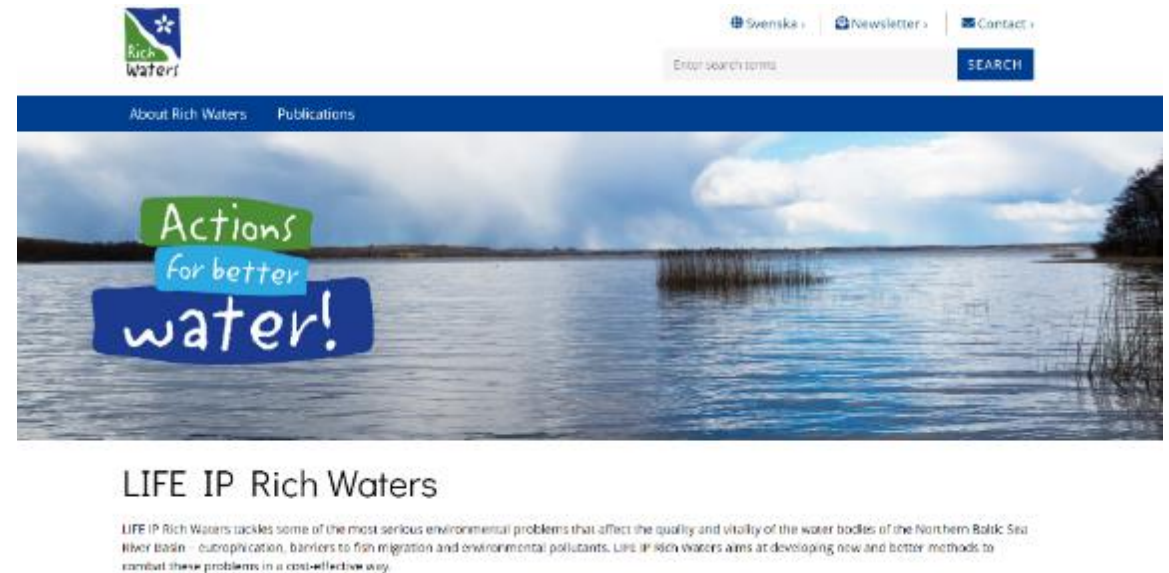
facebook.com/LIFE.RichWaters



twitter.com/LIFE_RichWaters



instagram.com/life_richwaters
/



Swedish Agency
for Marine and
Water Management