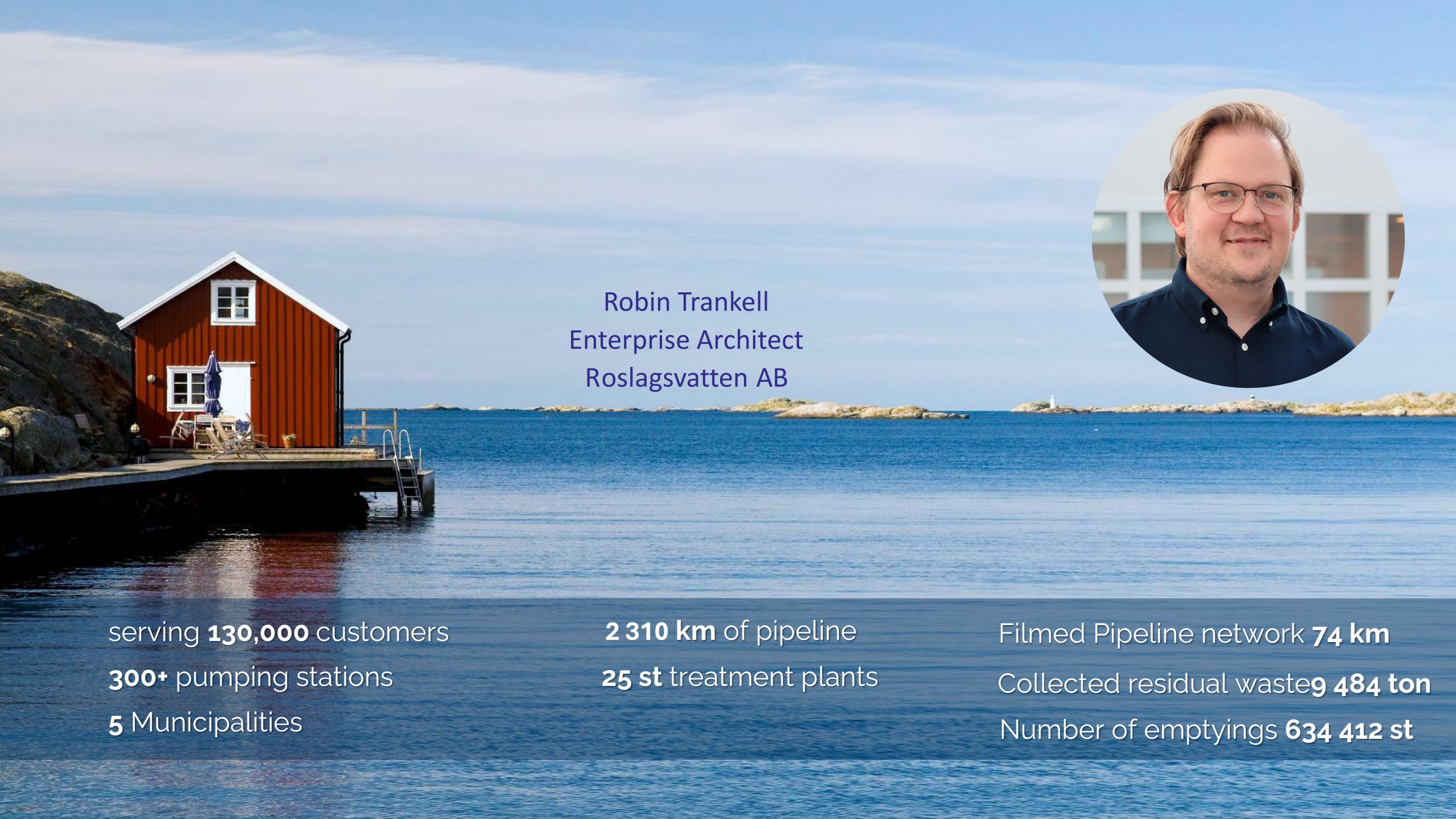


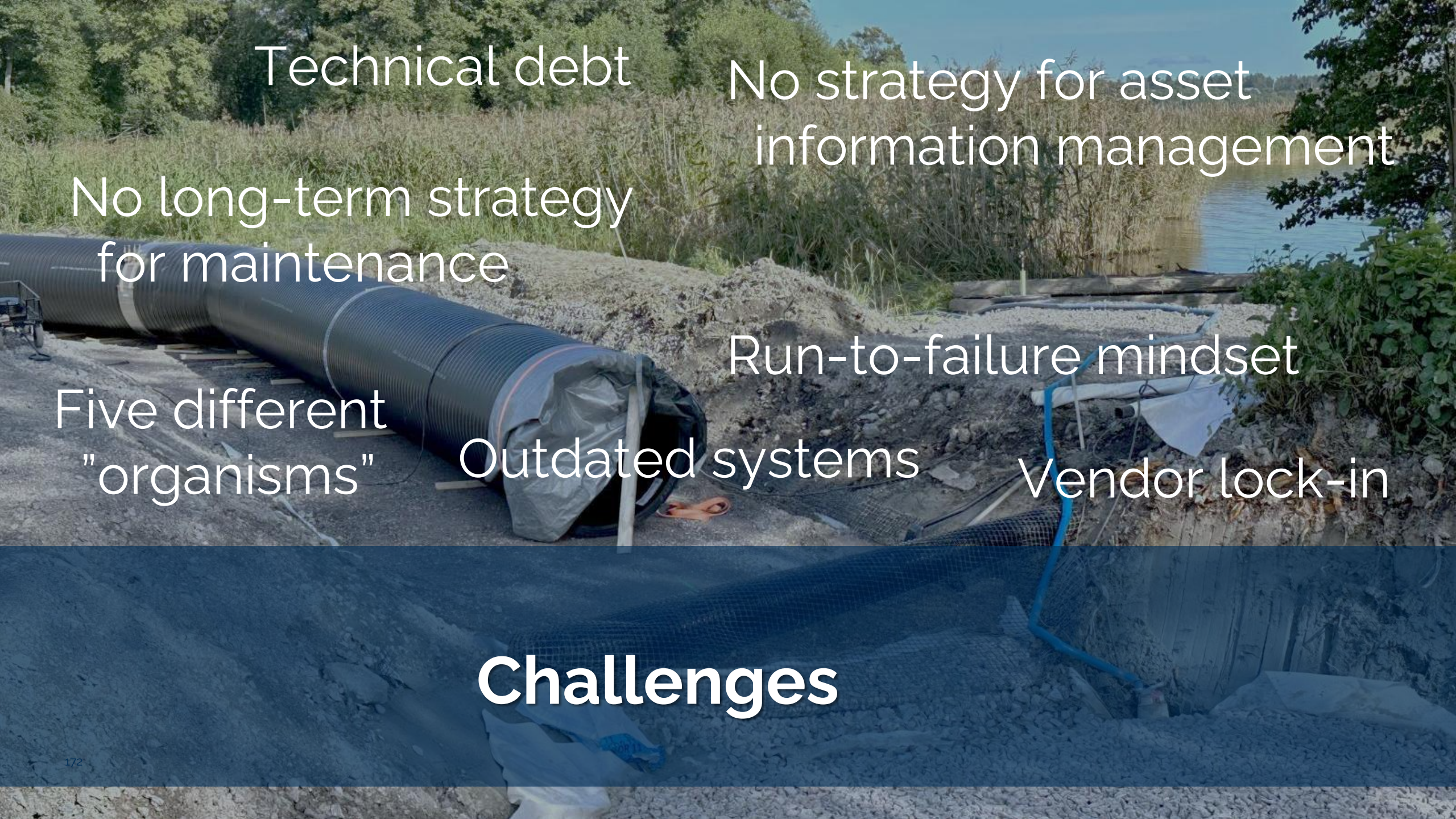


Robin Trankell
Enterprise Architect
Roslagsvatten AB

serving **130,000** customers
300+ pumping stations
5 Municipalities

2 310 km of pipeline
25 st treatment plants

Filmed Pipeline network **74 km**
Collected residual waste **9 484 ton**
Number of emptyings **634 412 st**



Technical debt

No strategy for asset
information management

No long-term strategy
for maintenance

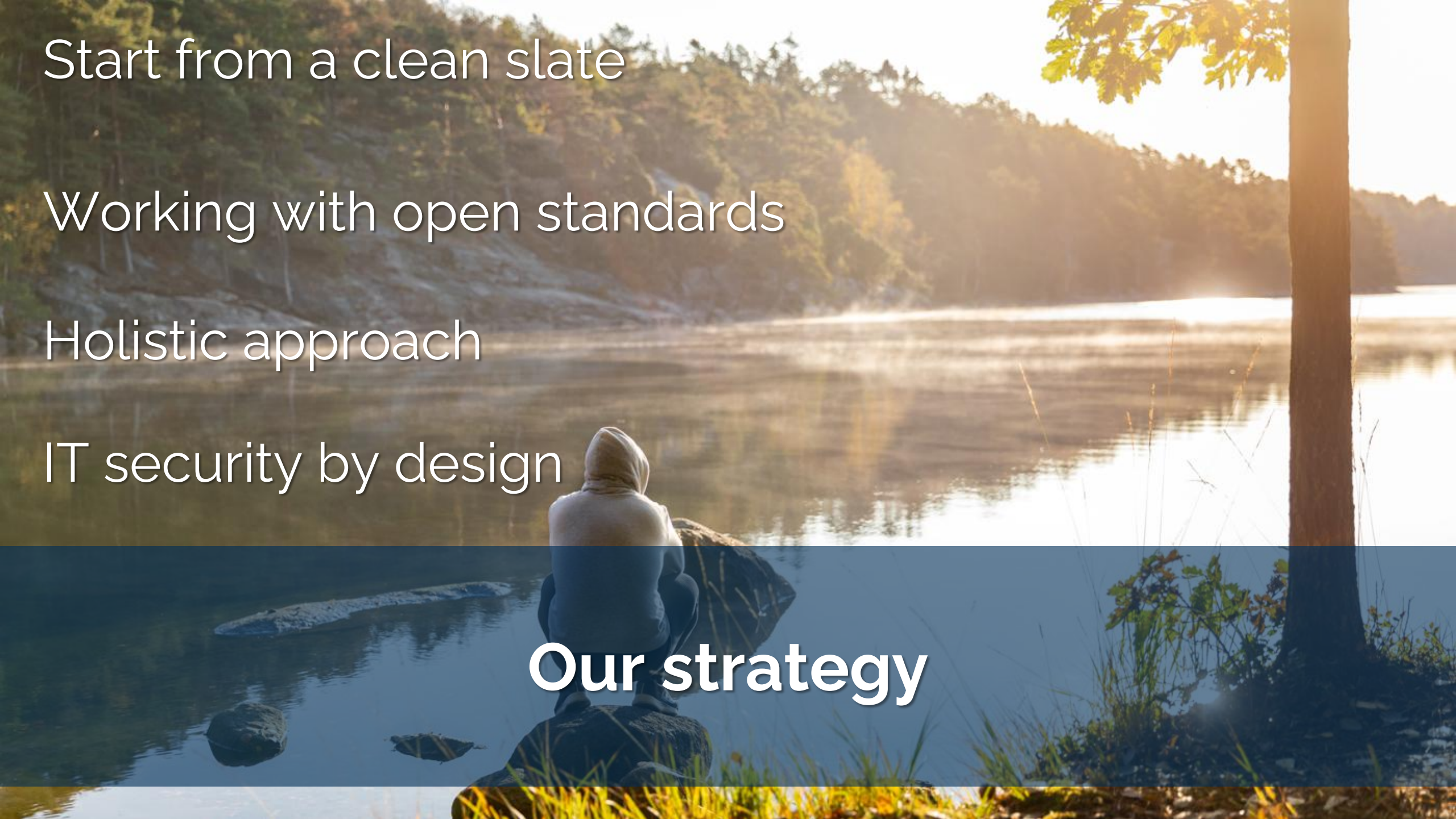
Five different
"organisms"

Outdated systems

Run-to-failure mindset

Vendor lock-in

Challenges

A person wearing a hoodie is sitting on a large rock in the foreground, looking out over a calm lake. The sun is setting or rising, creating a warm, golden glow across the water and the forested hills in the background. The sky is a mix of orange and blue. The overall mood is peaceful and contemplative.

Start from a clean slate

Working with open standards

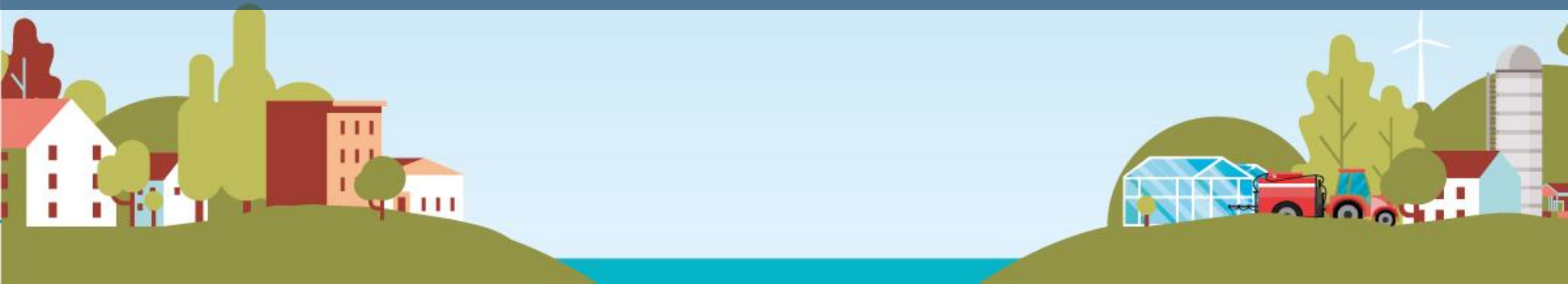
Holistic approach

IT security by design

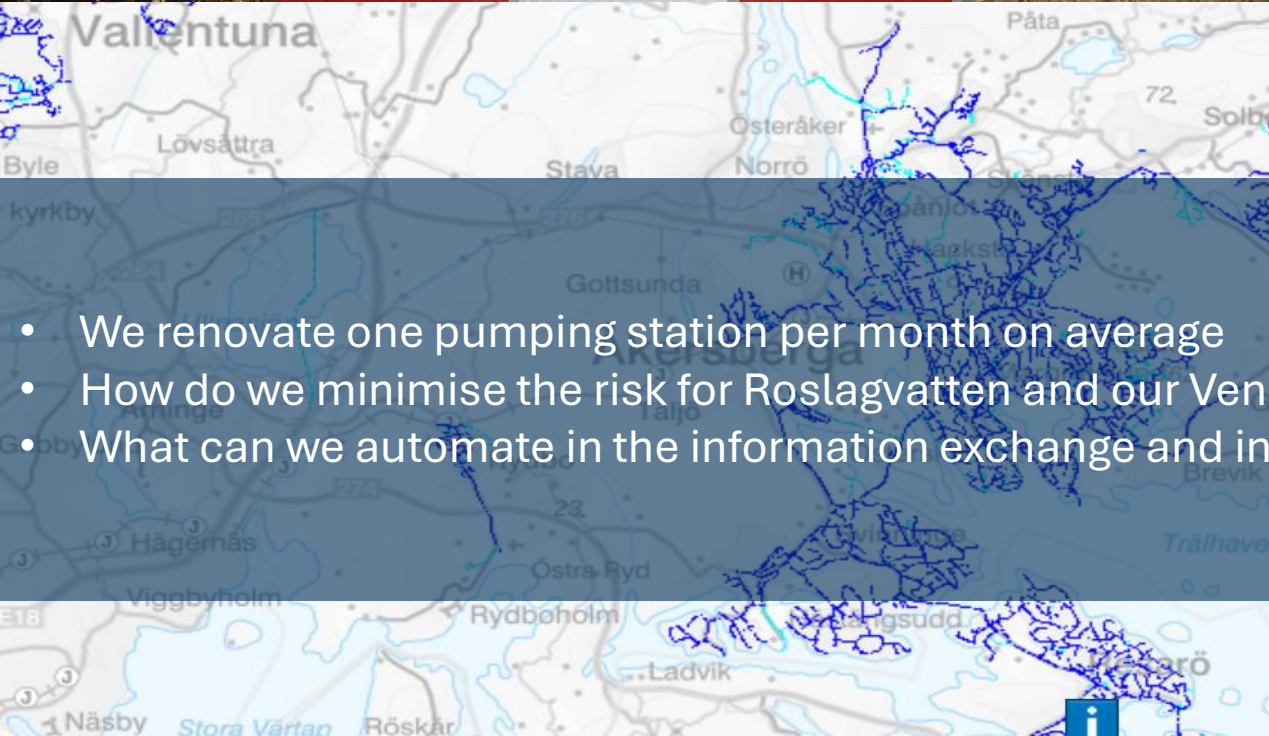
Our strategy

Our assets, up to 100 years of information and history.

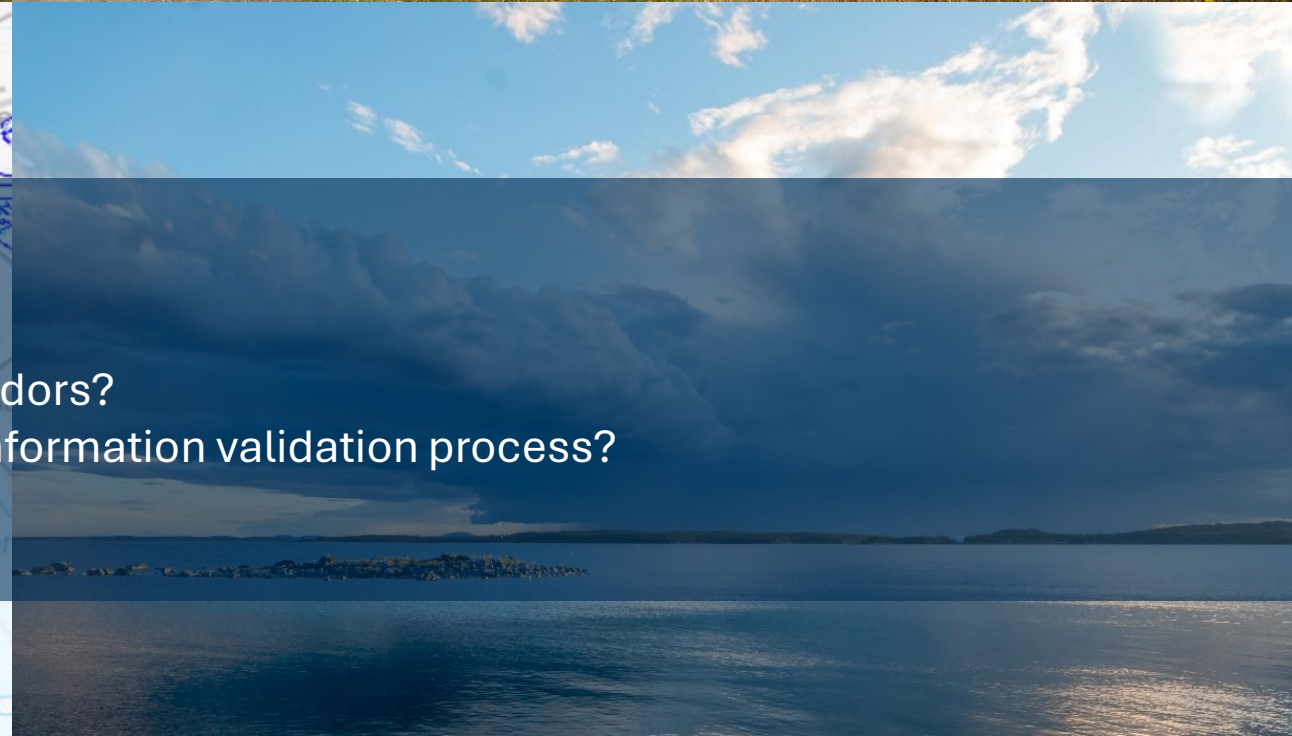
- How can we make sure we own our information?
- How can we make sure our information survives vendor changes?
- How can we make sure we can use our information in multiple systems?
- How can we make sure we exchange information with third party?



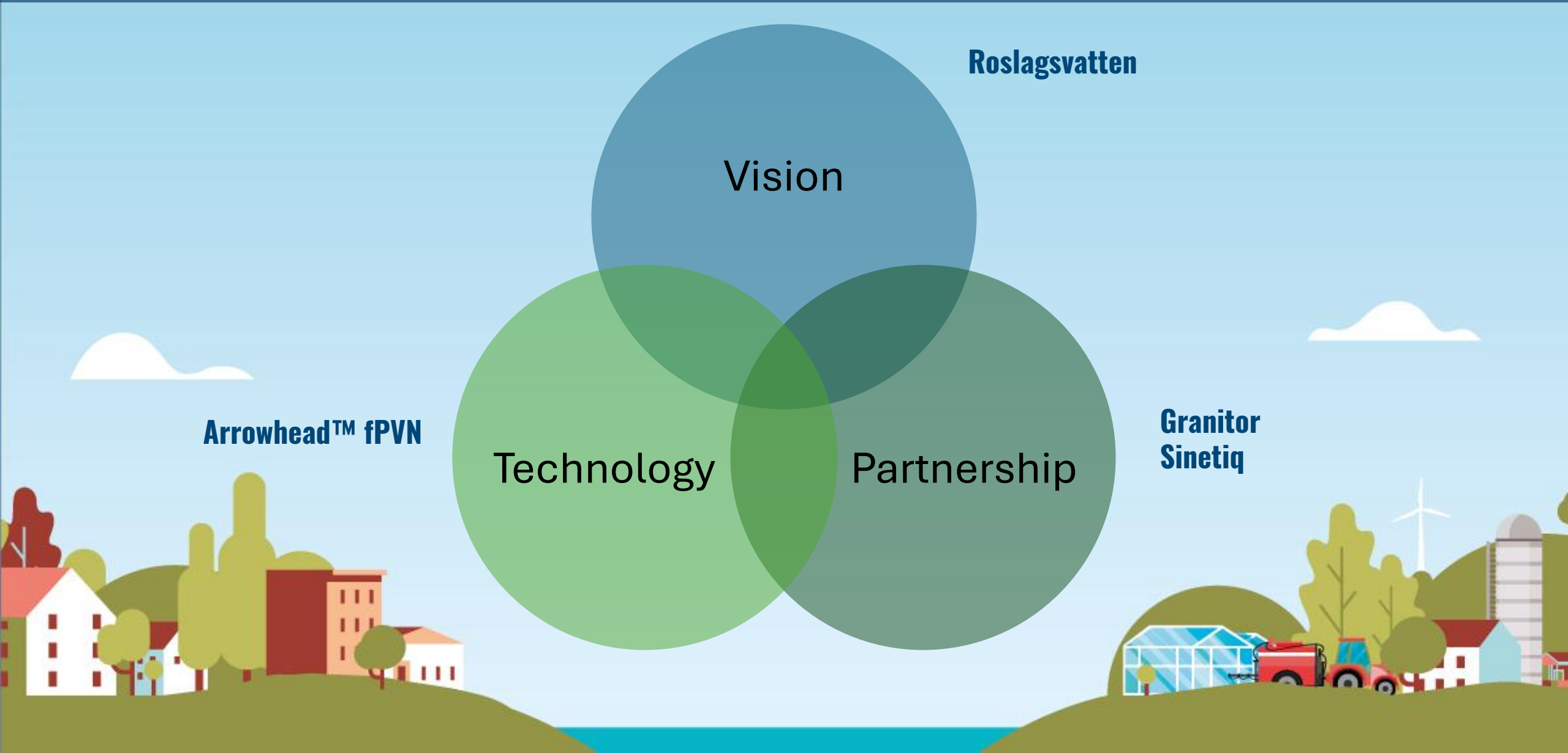
We focused on a pumping station



- We renovate one pumping station per month on average
- How do we minimise the risk for Roslagvatten and our Vendors?
- What can we automate in the information exchange and information validation process?



The foundations of our transformation work





A pumping stations is represented in a lot of systems

- Maintenance system
We need to make sure we take care of it
- Graphical Information System
We need to find it and se how it relates to other assets
- Asset Information Management system
We need to take care of our information and update it
- Document Management System
We need to store relative documents and update them when necessary
- Control system
We need to know what is going on



The future of water management

