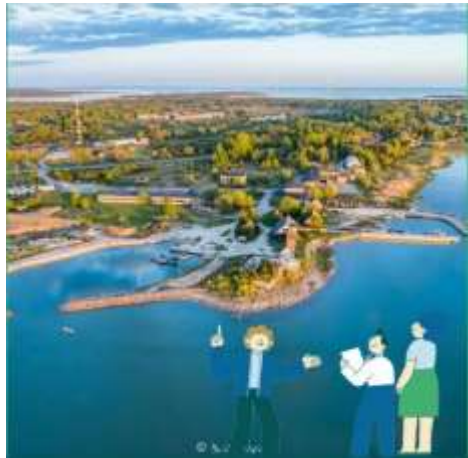


# VIRTSU'le hoogu juurde

Virtsu Arenguselts kutsub Sind tegudele ja kaasa mõtlema.



## Virtsu Smart Village strategy basis 23.02.2021



# Virtsu borough

- Located on the Virtsu peninsula (7 km ) on the western coast of Estonian mainland
- Established manor already in 1459 and including small seaside fortress (ruins, but in renovation now)
- Population 500, of which 40% over 60 years old
- Port for connecting mainland with Saaremaa island
- Estonian 1 wind generators park (3x0.6MW) opened on 2002



# Strategic goal and directions of actions



# Virtsu – energy in our plans

- Goal: Increase the village self-sufficiency
  - Establish a local cooperative company (commercial association), owned by the people in village as a members
  - Local services for local people – to keep the money in local circle. Profit shared with all members as “local basic income”
  - Energy generation can be one of the many business options:  
in Virtsu – solar park feeding by renewable electricity to the communal services and business center or selling electricity to the grid
- Goal: Business development and education
  - Renewable energy solutions applications and training center
  - Training center for off-shore wind generators maintenance specialists

Attract more young people and higher-paid work places to the village.

In Virtsu we say:

”A smart (village) means local actions with a common sense!”





# Examples of energy communities in Estonia:

1. Eco-village Lilleoru, with the active-house type of schoolhouse, owned and built by the community
2. Apartment houses, where inhabitants community has invested and installed solar panels on the roof. Selling the excess (after heating the water) energy in the summer to the grid, to gain back of electricity costs in winter time.
3. Two companies have crowdfunded the solar parks, calling the minority owners as community

