



Raudanmaa

How to finance SMART
VILLAGE HALL -project

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Raudanmaa

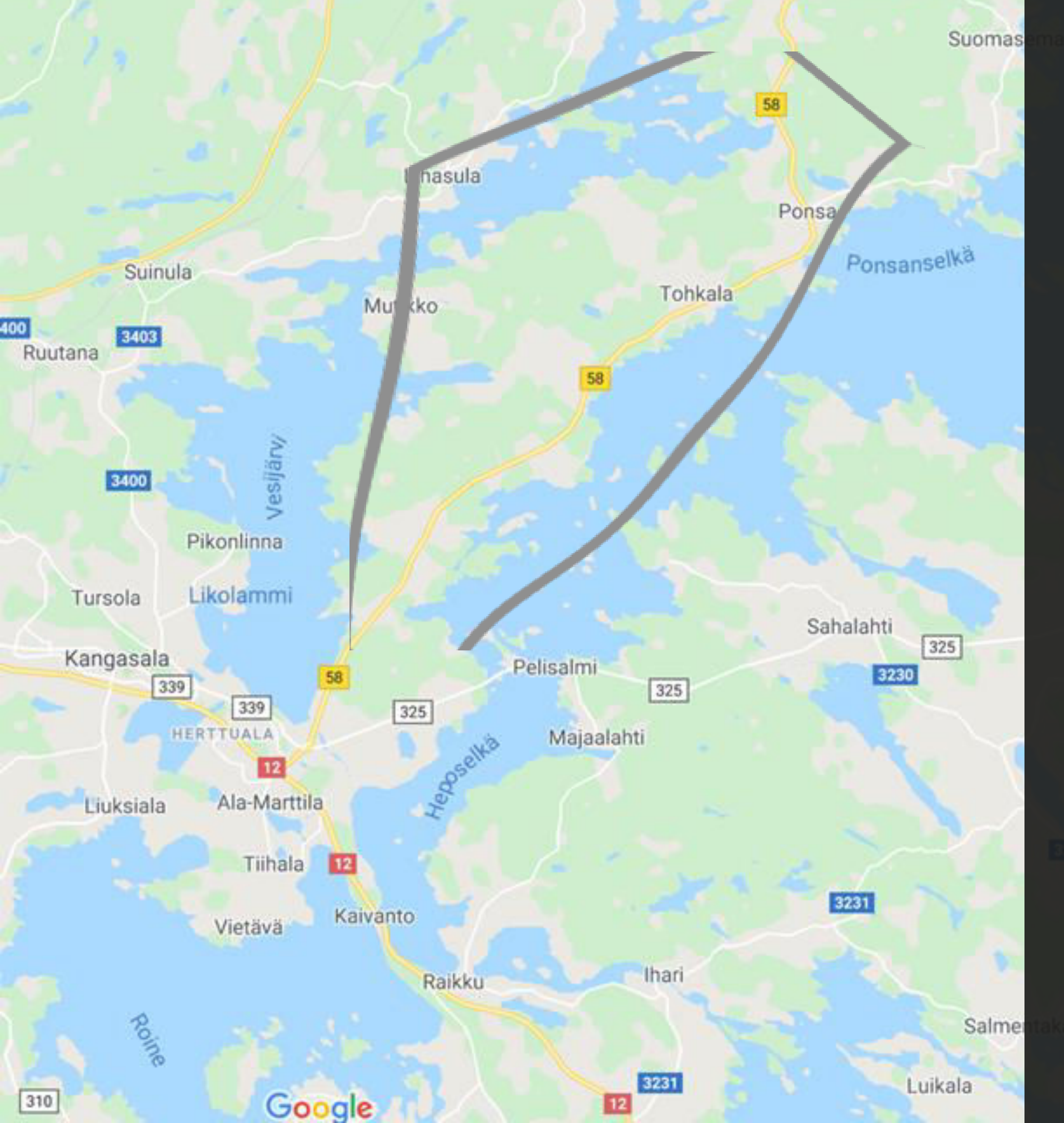
In Finland, 30 km from Tampere, 180km north from Helsinki. In the middle of living rural area of Kangasala.

Active and innovative village - centuries long tradition of developing the village together.

Development work done by village associations and co-operative companies owned by the villagers.

Natural beauty and outdoor life – spectacular rocky hills between two lakes.

Population 600
Summer residents +600





Own projects

- Kautiala water cooperative 2010-
- Raudanmaa optic fiber cooperative 2017-
- Smart village hall planning project 7/2019 – 5/2021
- Raudanmaa village cooperative 2020-



External networking

- The smartest village in Finland – contest. Raudanmaa among the 5 finalists
- Participation in EU Smart Village network
- “Smart Rural Areas in the 21st Century” - project. One of the first five European pilot villages

Financing previous projects

Cooperatives until now:

- Contribution fee from members
- EU Leader program
- Cooperation with national electric company



Raudanmaa

SMART VILLAGE HALL – MULTISERVICE CENTER

From old school building to an
innovative concept

Smart Village Hall

is the HEART of Raudanmaa, serving as meeting point for villagers and visitors in the spirit of old-time marketplace.

Smart Village Hall

is a platform for multiple services for villagers, customers, networks of partners and travellers.

Smart Village Hall

is characterized by animals and a farm yard enabling new services for nearby cities and enriching activities for the villagers.

Smart Village Hall

is the beacon of the villagers' activity, co-operation and innovative thinking.

Raudanmaa

ROAD TO VISION

OPERATIONAL GOALS
OPERATIONAL MODEL
BUILDING FUNCTIONAL DESIGN
RENOVATION &
BUILDING
INNOVATIONS



OPERATIONS

OPERATIONAL MODEL

RAUDANMAA VILLAGE CO- OPERATIVE

Owens the premises and surrounding land

Manages the smart village hall premises and offers a platform for services produced by associations and companies.

Leads and coordinates innovation activities

Arranges events and offers services to villagers and tourists, e.g. cafeteria, gym, children's farm



ACTIVITY CENTER FOR EXERCISE, CULTURE AND HOBBIES

Activities are offered for all ages. You can participate in different groups or courses or utilize the spaces independently.

Sports center functions as the starting point for outdoor routes.
Well-being services are offered by different companies based on reservation calendar.

- GYM
DANCE STUDIO
- MASSAGER
YOGA STUDIO

- MUSIC, ARTS & CRAFTS
SPACE
- HEAR-
DRESSER
- CHILDRENS* FARM

- HIKING ROUTES
- ICE SKATING ROUTES
PADDLING ROUTES
- BIKING ROUTES



VILLAGE SERVICES

In the smart village hall offers several services facilitating life and revitalizing the village community. Also by-passers can easily drop by for a coffee or a snack. Services are offered by companies or associations.

VIRTUAL
DOCTOR
LOCAL FOOD
STORE

LUNCH
CAFETERIA

E-CHARGING
PACKAGE DROP-OFF
POINT
MOTOMANNI - STORE

CENTRE FOR REMOTE WORK & SERVICES

Smart village hall has co-working space for remote workers.

There are adequate meeting facilities and room for seminars.

Optic fibre network provides reliable connections.

The premises are well suited for school camps and courses.

Various services can be brought to the village using the smart village hall premises flexibly.

ANIMAL
ASSISTED
THERAPY

VENUE
FOR CELEBRATIONS
AND MEETINGS

REMOTE WORK
HUB

DAY CENTRE
FOR ELDERLY

PRIVATE
DAY-CARE and
PRE-SCHOOL

BASE FOR TOURISTS

Smart village hall is the base for tourists and travel services.

The base is conveniently just along the beautiful Ponsantie, route from southern Finland to summer cottages further north. Country cafeteria and shop, offering local products and food, invite visitors to stop. Children's farm offers interesting activities for families.

From the base you can access the surrounding lakes and walking routes. You can get information about the routes and rent outdoor gear or just fishing rods to try fishing in Längelmävesi lake. Fishing permits can be bought for more ambitious fishers.

RENTAL OF
OUTDOOR GEAR

CHILDREN'S FARM





INNOVATION INCUBATOR

Transforming a school building into a flexible multi-service center. From this, a concept is being developed that can be utilized in Finland and Europe for the use of decommissioned public buildings. The process is part of the Smart Rural 21 project.

We are looking for partners to pilot smart e.g. solutions to combat climate change.

Innovations that promote community, multi-location and make living in villages a real option.

- ENERGY SOLUTIONS
- DIGITALIZATION

- SPATIAL SOLUTIONS
- TRAFFIC
Electric cars, MaaS
- FUNCTIONALITY

- CO-OPERATION
- INTERNATIONALITY
- SCALABILITY

Conceptualiz
ation
PLANNING

2019-
2020

- Planning the concept of smart village hall
- Leader funding for planning project 2019
- Study visit to Pohjanmaa (village halls)
- The smartest village in Finland: workshops to boost development ideas
- Activation of the villagers: questionnaires, info sessions, workshops
- Planning the operational model
- Visual and operational planning of the premises
- Planning the financing
- Renovation plans
- Setting up the co-operative company

Building
INITIATION

2021

- Buying the school property from the municipality
- Marketing to companies
- Starting the operations and services with the light model
- RENOVATION AND BUILDING
- Opening the children's farm
- Starting the business of the co-operative
- Thematic events
- Marketing the tourist services
- School camps
- Seeking for partners and sponsors

Growth
DEVELOPMENT

2022

- DEVELOPING THE AREA/ADDITIONAL INVESTMENTS
- INTERNATIONAL VISITORS
- Model village for developing rural area in Europe
- New inhabitants and businesses in Raudanmaa

Assets

- Commitment & expertise of locals
- Credibility gained from previous successful projects
- Novelty value - funds for innovations
- Leverage of European level visibility
- Commitment to cooperate from few companies
- Good relationship with local Leader association
- Several private grants for 3rd sector organizations



ASIO

- A pervasive booking software solution for spaces and other bookable resources
- Starting pilot with Raudanmaa to develop flexible solution to serve rural areas and their special needs
- Combining booking spaces and things, paying and door remote and access control
- Makes possible to run places which are based on voluntary work



STAN
Com

Com

Com

ROL
Com

iLO
Com

Elenia: Digital after school care

Seeking ways to collaborate with companies i.e. Developing together with Elenia a safe and interesting way for kids to spend their afternoons



Fressi: 3D-model and equipment to the gym for free

Enables exercise in village



Challenges

- Municipality of Kangasala doesn't want to participate at all
- Villages don't have their own budgets in Finland
- No public money from regional level either
- Leader-program is the only EU instrument known in Finland for villages to apply
- 3 different kind need: purchase the property, renovate it and start-up functions
- No EU funds of new budget available yet



SMART VILLAGE HALL

purchase 24000 €: membership fees of
cooperative & Leader funding 50%



VISUALISATION

SMART VILLAGE HALL

**renovation: voluntary work, Leader funding,
cooperation with private companies**



Plans by architect Outi Palttala

An aerial photograph showing a large body of water, likely a lake or bay, surrounded by dense green forests. The water is calm, and the sky is overcast. The text is overlaid on the upper half of the image.

**TODAYS'S CHALLENGE: How to finance
starting up functions? 15000 € for running
costs, 30000 € staff costs?**

Working group for Raudanmaa smart village hall

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Special thanks for: PK & Co. Oy

<http://www.raudanmaa.com/>

Raudanmaa



"THE BEST WAY TO
CHANGE THE FUTURE
IS TO DESIGN IT"