
This is an electronic reprint of the original article.
This reprint may differ from the original in pagination and typographic detail.

Galan Vivas, Juanjo

WORKSHOP1 of the AELCLIC PATHFINDER project in the Hyypä river valley

Published: 22/06/2019

Document Version

Publisher's PDF, also known as Version of record

Please cite the original version:

Galan Vivas, J. (2019). *WORKSHOP1 of the AELCLIC PATHFINDER project in the Hyypä river valley*. AELCLIC project (CLIMATE-KIC).

This material is protected by copyright and other intellectual property rights, and duplication or sale of all or part of any of the repository collections is not permitted, except that material may be duplicated by you for your research use or educational purposes in electronic or print form. You must obtain permission for any other use. Electronic or print copies may not be offered, whether for sale or otherwise to anyone who is not an authorised user.

ACTIVITY: Workshop1_HYYPÄNJOKI VALLEY_PILOT LANDSCAPE

DATE and TIME: 26.4.2019, 8:30-12:00

PLACE: Town of Kauhajoki (Finland), Town hall

ORGANIZERS:

- Juanjo Galan / Aalto University
- Kirsi Hutri-Weintraub / Aalto University
- Marketta Nummijärvi / ELY, Centre for Economic Development, Transport and the Environment
- Linda Leinonen / Kauhajoki town

PARTICIPANTS:

- Linda Leinonen / Kauhajoki town (Major)
- Marketta Nummijärvi / ELY, Centre for Economic Development, Transport and the Environment
- Timo Lakso / Regional Council of South Ostrobothnia
- Mikko Rotola-Pukkila / villager, Hyypä village
- Asko Ojala / villager, Hyypä village
- Sulevi Riukulehto / Helsinki University, Ruralia institute
- Niina Tuovinen / The Suupohja Area Health and Social Services Joint Municipal Board / Environmental protection

REMOTE PARTICIPATING TO THE TASKS 1-3 BY EMAIL:

- Riikka Asunmaa / Pro Agria
- Leena Rinkineva-Kantola / ELY, Centre for Economic Development, Transport and the Environment
- Juhani Hallasmaa / ELY, Centre for Economic Development, Transport and the Environment
- Harri Virtanen / Kauhajoki town
- Anna Tall / Seinäjoki University of Applied Sciences

KEY OBJECTIVES and EXPECTED OUTCOMES of THE ACTIVITY (expected outcomes):

- Generation and Activation of a local network interested in working in Climate Change Adaptation through the AELCLIC-pathfinder project.
- Definition of an internal Work Plan for the implementation of the AELCLIC-pathfinder project in the Hyypänjoki valley

AGENDA:

1. WELCOME / TERVETULOA
2. PRESENTATION OF PARTICIPANTS
3. INTRODUCTION TO THE AELCLIC PROJECT
4. INTRODUCTION TO THE HYYPÄNJOKI CULTURAL LANDSCAPE CONSERVATION & MANAGEMENT PLAN- by Marketta Nummijärvi (ELY/South-Bothnia)

Coffee break

5. TEAMWORK
 - a. TASK 1: What are the main values of the Hyypänjoki river valley? / What is important in the Hyypänjoki landscape to you or to the sector/community you are representing?
 - b. TASK 2: What do you know about climate change? / How might it affect the Hyypä river valley and your daily life?
 - c. TASK 3: How do you think that the AELCLIC-project can contribute to the HYYPÄNJOKI CULTURAL LANDSCAPE CONSERVATION & MANAGEMENT PLAN?
6. NEXT STEPS: Future Workshops and Visibility of the Local Network (webpage)

1. WELCOME

- Welcoming words by Linda Leinonen (Major of the City of Kauhajoki), Juanjo Galan (Aalto University.) and Marketta Nummijärvi (ELY/South Ostrobothnia, Seinäjoki)

2. PRESENTATION OF PARTICIPANTS

PARTICIPANT	SECTOR	INSTITUTION
Linda Leinonen	LOCAL/REGIONAL AUTHORITY	Kauhajoki town
Harri Virtanen	LOCAL/REGIONAL AUTHORITY	Kauhajoki town
Marketta Nummijärvi	LOCAL/REGIONAL AUTHORITY	ELY/South-Bothnia, Seinäjoki
Leena Rinkineva-Kantola	LOCAL/REGIONAL AUTHORITY	ELY/South-Bothnia
Juhani Hallasmaa	LOCAL/REGIONAL AUTHORITY	ELY/South-Bothnia
Timo Lakso	LOCAL/REGIONAL AUTHORITY	Regional Council of South Ostrobothnia
Niina Tuovinen	PUBLIC SECTOR	Suupohjan peruspalveluliikelaitoskuntayhtymä
Anna Tall	RESEARCH	Seinäjoen kaupunki/AMK
Sulevi Riukulehto	RESEARCH	Ruralia-instituutti
Riikka Asunmaa	PRIVATE SECTOR	Pro Agria
Asko Ojala	SOCIETAL ORGANIZATION + FARMERS	Hyypä village society
Mikko Rotola-Pukkila	SOCIETAL ORGANIZATION + FARMERS	Hyypä valley conservation board

CONCLUSIONS:

- The initial local network is promising but it would be important to increase the presence of the private sector (farmers, food industries, services, tourism, etc.) and of societal organizations or social groups (e.g. youngsters, senior citizens, ecologists, etc.)
- Aalto University and the members of the local network will work to increase the number and diversity of participants

3. INTRODUCTION TO THE AELCLIC PROJECT

- Juanjo Galan (Aalto University) summarizes the goals, methods, structure, schedule and expected outcomes of the AELCLIC-pathfinder project and the reasons that led to the selection of the Hyypä river valley as one of the 16 European Pilot Landscapes of the project.

CONCLUSIONS:

- The AELCLIC-pathfinder project in the Hyypä river valley is presented as an initial step towards a CLIMATE-KIC DEMONSTRATOR project and as an opportunity to include Climate Change Adaptation in existing local plans (Hyypänjoki cultural landscape conservation & management plan and Kauhajoki Strategic Plan).
- The envisioned CLIMATE-KIC Demonstrator would aim at producing LACAPs (Landscape Adaptation Plans to Climate Change) in those Pilot Landscapes in which a solid local network is defined during the of the AELCLIC-pathfinder project. A solid network should have the administrative, social and economic capacity and commitment to collaborate in the preparation of a LACAP for their region.

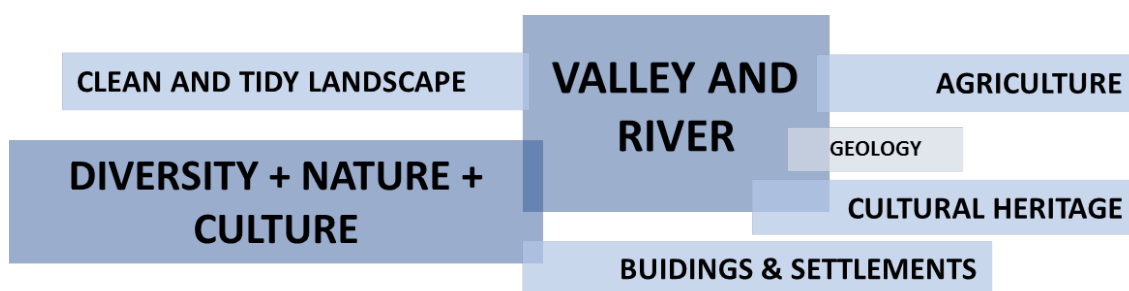
4. INTRODUCTION TO THE HYYPÄNJOKI CULTURAL LANDSCAPE CONSERVATION & MANAGEMENT PLAN

- Marketta Nummijärvi (ELY/South-Bothnia) summarizes the contents of the Hyypänjoki cultural landscape conservation & management Plan.

5. TEAMWORK

- **TASK 1a: What are the main values of the Hyypänjoki river valley?**
 - **A VALLEY! ROLLING LANDFORM / OPENESS + ENCLOSURE / VIEWS**
 - The northern part of Hyypä valley has a kind of an open character whereas the southern part is more enclosed. You can find valley landscape in the region where the northern open land transforms to southern part.
 - Unique topography, character of valley
 - Up-and-down landscape near the meandering river system
 - The contour of the valley and views

- Openness
- **DIVERSITY and VARIETY: A UNIQUE COMBINATION OF NATURE & CULTURE**
 - Valuable landscape complex with geological and biological values and special preserved cultural environment features
 - Variation and fine-feature
 - Versatility: fields, forests, river, channels, buildings, roads, people
 - Diversity: agriculture, maatalous, organism, habitats
 - Special feature of the nature and the landscape, river, biodiversity, open views, topography, ground water
- **CLEAN AND TIDY LANDSCAPE**
 - Unity, cleanliness, conservation of the landscape, respecting the nature values
 - Sharp borders, steep edges
- **GEOLOGY**
 - Geology, it creates the base to the landscape
 - Hyypänmäki is a forgotten treasure
- **AGRICULTURE**
 - Agricultural landscape
 - Living agriculture, other trades
- **CULTURAL HERITAGE**
 - Cultural heritage
 - Oldest house, Hämes-Havunen
- **BUILDINGS & SETTLEMENTS**
 - Built environment, houses, fields
 - Settlement/population sits on a landscape



- **TASK 1b: What is important in the Hyypänjoki landscape to you or to the sector/community you are representing?**
 - **PROTECTED AND RECOGNIZED LANDSCAPE**
 - Value-status, special features
 - Valuation of the landscape, also nationwide
 - Landscape values, nature values, ground water, many nature conservation areas.
 - Cultural landscape with nationwide values, conservation of landscape, preserving the agricultural landscape, it's activity and vitality
 - Cultural landscape with nationwide values, one of the first four conservation of landscape areas in Finland. Special important is the stable interaction between the nature and human activities.
 - **SUSTAINABLE, INHABITED AND CARED LANDSCAPE**
 - Versatility, diversity
 - Clean fields with perfect slope
 - Inhabited and lively landscape
 - **COMMUNITY & SOCIAL CAPITAL**
 - Social capital, community

- Neighbors, partners
- **TRADE**
 - Lively trades
 - Trades
- **TYPICAL BUILDINGS**
 - Houses typical to South-Ostrobothnia
 - Agriculture and architectural heritage preserve
- **BIODIVERSITY**
 - Biodiversity



- **TASK 2a: What do you know about climate change?**

- **CLIMATE CHANGES**
 - EXTREME WEATHER PHENOMENA
 - Snow cover will reduce, come thinner and the duration will come shorter
 - Mild winters, less frost, less frost in the ground (ROUTA)
 - Increasing of extreme weather phenomena, floods and heat waves, failure of crops, green house gasses emissions, warming, decreasing of biodiversity, loss of water
 - Increasing of the average temperatures
 - One weather phenomenon can last longer, especially in the summer
 - Extreme weather phenomena will be stronger in Northern Europe
- **CO2 EMISSIONS**
 - CO2 has increased in the atmosphere, fossil fuels have been burned, the coal is in the atmosphere
 - There is much to do. CO2 emissions must get to controlled. There is not much time and the whole world must get involved
- **LOCAL IMPACTS**
 - Floods and heat waves, failure of crops, green house gasses emissions, warming, decreasing of biodiversity, and loss of water
- **COMPLEX & UNCLEAR**
 - We do not yet know all effects and combined effects
 - I am aware of the official news but I don't know how this human-made climate change affects to one separate landscape and its future development
 - Basic mechanism and effects. Not very deeply and widely
- **AGRICULTURE**
 - I teach to agrology-students how climate change impacts to agriculture



- **TASK 2b: How might Climate Change affect the Hyypä river valley and your daily life?**

■ **CLIMATE & LANDSCAPE:**

- Rainfall + floods ?
- Loss of snow in the wintertime, landscape
- Impacts of drought and floods can be seen in landscape
- Impacts of climate change can be seen in the landscape in long scale, alien plant species, erosion etc.

■ **AGRICULTURE + NATURE**

- Extreme weather phenomena may have a strong impact into agriculture
- Changing of cultivation conditions
- Extreme weather phenomena are not so critical to cattle breeding
- Drought will affect to cultivation and complicates it
- Decreasing ground frost (ROUTA) complicates f.eg. cultivation of potatoes
- Mild winters and rains → erosion, insect pests and diseases are coming more common, the natural biological control decreases
- Leaching of nutrients
- In public there is going a common “attack” against agriculture and specially against cattle breeding
- Impacts to biodiversity? -→ alien species
- Can species adapt to changes?
- Impacts also to other species as the distribution areas are changing
- Increasing risk of pests
- Forest damages
- Increasing of new and alien plant species
- Through the increasing rainfall, the actual river basin may return closer to its original state, but global warming will change the biology of the area and may endanger the survival of the original species.

■ **PERSONAL LIFE & SAFETY**

- In the winter the darkness experience feels stronger
- Heavy rains & storms → erosion, falling trees and electricity power problems along the village roads & field roads etc. (must prepare with cutting trees forward etc.)
- Skiing decreases as a hobby
- Vegetarianism as a trend is a consequence of preparing to climate change
- Variation of the quantity and quality of drinking water
- Increasing flood risk
- Increasing risk of diseases
- Power cuts caused by storms

■ **LOCAL ECONOMY**

- No more Hyypä-skiing → affects to community
- Affects to the trades of countryside (e.g. agriculture and farming)
- In public there is going a common “attack” against agriculture and specially against cattle breeding
- Vegetarianism as a trend is a consequence of preparing to climate change

■ **ENERGY AND INFRASTRUCTURES**

- Mobility and transport + use of energy
- Difficult road conditions and increasing slipperiness in the winter
- Power cuts caused by storms

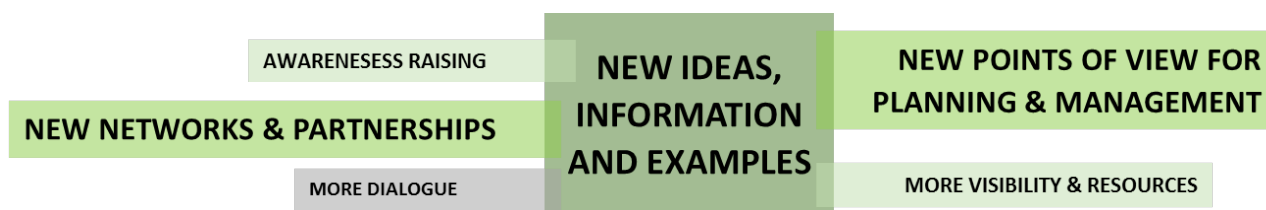
■ **DOUBTS**

- Difficult to say
- I'm not living in the area, so it doesn't affect direct to my daily life



TASK 3: How do you think that the AELCLIC-project can contribute to the HYYPÄNJOKI CULTURAL LANDSCAPE CONSERVATION & MANAGEMENT PLAN?

- **NEW IDEAS, INFORMATION AND EXAMPLES**
 - New perspectives, ideas, tools for conservation of landscape
 - Usable information
 - Experiences from other areas
 - New project ideas
- **NEW POINTS OF VIEW FOR PLANNING & MANAGEMENT**
 - Analysis; threats, opportunities, etc. from the point of view of landscape management due to climate change (construction, flooding, use of non-farming fields, protection of groundwater resources, forest management...)?
 - The threats of climate change will be prevented by using existing resources
 - Develops a presentation on how to adapt to climate change in the landscape area
- **NEW NETWORKS & PARTNERSHIPS**
 - Acquiring new, partners to handle new, identified needs
 - Hyypä out in broader cooperation patterns
 - International cooperation
- **RAISING AWARENESESS**
 - Raising Awareness → Activation
 - Increase awareness of the direct impact of climate change and enable the possibility to evaluate impact and effectiveness of different landscape conservation / measures to be assessed in terms of area development / maintenance.
- **MORE VISIBILITY & RESOURCES**
 - Bring the views of Hyypä area to the general public
 - Impact on resource allocation to the area
- **MORE DIALOGUE**
 - Promoting dialogue
 -



6. NEXT STEPS: Future Workshops and Visibility of the Local Network (webpage)

- It is agreed to organize two workshops more during the AELCLIC-Pathfinder project. The second workshop will take place before July, it will concentrate in the co-identification of Climate Change impacts by different local stakeholders and will be accompanied by some introductory lectures explaining the expected Climate Changes in Northern Europe, Finland and the Hyypä region. The third workshop will take place after the summer and will concentrate on the co-definition of the key contents of a potential LACAP and on the conformation of a solid and competitive local network in order to include the Hyypä river valley as one of the Pilot landscapes in the application for a Climate-KIC demonstrator project.



- The following participant institutions and individuals confirm their availability and interest in being visible in the webpage of the AELCLIC-Pathfinder project (Hyyppä river valley section):

INSTITUTION	LOGO in WEB_AELCLIC	CONTACT	Email CONTACT in web
Kauhajoki Town	YES		
ELY/South-Bothia, Seinäjoki	YES	Marketta Nummijärvi	marketta.nummijärvi@ely-keskus.fi
Regional Council of South Ostrobothnia	YES	Timo Lakso	timo.lakso@etela-pohjanmaanliitto.fi
Suupohjan peruspalveluliikelaitoskuntayhtymä	YES	Niina Tuovinen	niina.tuovinen@llky
Ruralia-instituutti	YES	Sulevi Riukulehto	sulevi.riukulehto@helsinki.fi
Paikallinen asukas-	NO	Asko Ojala	asko.ojala@ssvnet.fi
Paikallinen asukas-maisemhoitokunta	NO	Mikko Rotola-Pukkila	mikko@timantti.com
Seinäjoen museot	YES	Susanna Tyrvainen	susanna.tyrvainen@seinajoki.fi
Pro-agria	YES	Riikka Asunmaa	riikka.asunmaa@maajakotitalousnaiset.fi

- A doodle Poll will be organized to schedule the second workshop in the second week of June. All the participants are encouraged to share the Doodle Poll and the invitation to join the local network amongst other individuals, organizations or institutions

SUMMARY:

- Key CONCLUSIONS, Key DECISIONS and NEXT ACTIONS (By Whom and When):

- The local network in the Hyypä river valley is already constituted but more stakeholders from the economic sector and from different social groups are needed in order to make a more representative and operative network to plan future actions about Climate Change / ACTION: Aalto University, the Landscape Observatory of Finland and the local stakeholders will invite more local stakeholders in order to have more participants in the second workshop (June 2019)
- The involvement of the Kauhajoki municipality is especially important to plan future actions and to create a local platform for Climate Change Adaptation / ACTION: give more responsibility to the Municipality of Kauhajoki in the project
- The results of the workshop reveal a strong connection between the local community and their inhabited landscape, which is associated and clearly with the valley of the Hyypä river. Probably, as a consequence of their involvement in the preparation and implementation of the Landscape Protection and Management plan, the local stakeholders perceive the landscape as a complex system in which ecological, cultural and economic processes are deeply interconnected. In addition, the workshop 1 also revealed that the local community is well informed of the consequences of Climate Change, especially in those aspects affecting their economic activities or the security of the properties in the landscape (e.g. farming). Finally, the workshop also revealed the local interest in linking the AELCLIC project with other local and regional plans and its potential to increase the visibility of the valley, to learn and share experiences and solutions with other areas and to get resources for the development and climate change adaptation of the valley. / ACTIONS: Reinforce the exchange of ideas between the Pilot Landscapes of the AELCLIC-pathfinder project. Invite experts to the workshops 2 and 3 in order to enrich the discussions.
- WORKSHOP2: Will be scheduled in the beginning of June / ACTIONS: Aalto University will open a Doodle Poll to set the best possible date and time
- RESULTS of the WORKSHOP1 and visibility of the Local Network in the webpage of the project / ACTION: The results will be processed by Aalto University and displayed in the Webpage of the AELCLIC-pathfinder project (www.aelcllicpathfinder.com)

DIAGNOSIS:

- **Level of Achievement of the expected outcomes (from 1 (min) to 5 (maximum)):**
 - o OUTCOME 1 (Generation and Activation of a local network interested in working in Climate Change Adaptation through the AELCLIC-pathfinder project). LEVEL OF ACHIEVEMENT: 4
 - o OUTCOME 2 (Definition of an internal Work Plan for the implementation of the AELCLIC-pathfinder project in the Hyppänjoki valley). LEVEL OF ACHIEVEMENT: 5
- **Main Shortcomings or barriers for the full achievement of the expected outcomes:**
 - o Insufficient time to identify or engage some stakeholders (specially representatives of the economic sector and social groups affected by the increasing depopulation of the area (youngsters, senior citizens, etc). A short visit and some bilateral meetings with the Municipality of Kauhajoki and with some stakeholders would have helped to have more participants.
- **Main Reasons for the successful achievement of the expected outcomes:**
 - o Deep involvement and commitment of the participants
 - o Feasible tasks for the allocated time
 - o Clear guidelines and effective methods
 - o Support from Marketta Nummijärvi (coordinator of the Hyppänjoki valley Landscape Protection and Management Plan)
 - o Definition of multi-stakeholders groups for the development of the planned tasks
 - o Existence of a local network with a good knowledge of the Hyppänjoki valley landscape as a consequence of their participation in the Hyppänjoki valley Landscape Protection and Management Plan and in the nomination of the Hyppänjoki valley as Finnish Candidate for the award of the European Landscape Convention 2013
 - o Good understanding of the different stages and expected outcomes of the AELCLIC-pathfinder project and general consensus about the need of having 3 workshops in order to generate and process the information adequately
- **Learnt lessons and recommendations for similar activities in other places:**
 - o See Shortcomings and Barriers
 - o See Main reasons for the successful achievement of the expected Outcomes.
- **Learnt lessons and recommendations for future activities in the same place:**
 - o Increase the dissemination of the project and planned activities (use the AELCLIC webpage and the webpages of the collaborative institutions)
 - o Contact in a bilateral way some crucial stakeholders (e.g. economic actors and social groups)
 - o Prepare and print some informative materials (flyers)
- **Level of influence of the local characteristics (social, geographical, etc.) in the development of the activity:**
 - o The rural character of the area creates an especially deep connection between the local inhabitants and their landscape. They seem to be more aware of the many environmental and social processes that might be affected by Climate Change and many of them are land owners playing a central role in the management and transformation of the landscape. All these factors, make locals more cautious when proposing changes or making decisions which could affect their capacity to manage their land and sustain their livelihoods. These remarks could be probably applied to other rural areas but in the Hyppä case are intensified by the official recognition of the Hyppänjoki valley as one of the valuable cultural landscapes of Finland since this gives to the local community a role of stewards of a unique landscape.



ECONOMIC REPORT:

TYPE OF COST (approximate)	COST (€)
- Travel & Accommodation Costs for the partner(s) members	400
- Goods, materials and external services	20
- Sub-granting (e.g. Travel & Accommodation costs for Third Parties or collaborators)	0
TOTAL	420