Galan Vivas, Juanjo

Landscape Observatory of Finland: Annual Report 2018

Published: 30/01/2019

Document Version
Publisher’s PDF, also known as Version of record

Please cite the original version:
Landscape Observatory of Finland 2018

- Ministry of the Environment
- Finnish Heritage Agency
- Finnish Environment Centre (SYKE)
- Natural Resource Centre of Finland (LUKE)
- University of Helsinki
- University of Jyväskylä
- University of Turku
- Aalto University
- Professional Association of Landscape Architects (MARK)
- Finnish Society for Cultural Environment Studies
- The Finnish Association of Landscape Industries – Viherympäristöliitto ry
- The Central Union of Agricultural Producers and Forest Owners (MTK)

Contact: Juanjo Galan (juanjo.galan@aalto.fi)
TABLE OF CONTENTS:

1. SUMMARY
2. ACTION & RESEARCH PLAN 2018
3. NEW ADHESIONS
4. MAIN ACTIVITIES
   ▪ ARGUMENTA PROJECT (Finnish Cultural Foundation)
   ▪ AELCLIC-IDEATOR (Climate-KIC-EIT/EU)
   ▪ AELCLIC-PATHFINDER (Climate-KIC-EIT/EU)
   ▪ MAISEMASYMPOSIUM V
5. ACTION & RESEARCH PLAN 2019
6. MINUTES OF MEETINGS of the STEERING GROUP _2018
1. SUMMARY
1. SUMMARY

During the year 2018, the Landscape Observatory of Finland implemented its Action-Research Plan for the year 2018 and increased its social base by admitting two new members with a crucial role in the management, protection and transformation of Finnish Landscapes: The Finnish Association of Landscape Industries – Viherympäristöliitto ry and the Central Union of Agricultural Producers and Forest Owners (MTK).

The main activities of the Landscape Observatory of Finland were articulated around four main actions:

- The preparation of one application for the ARGUMENTA Call 2018 of the Finnish Cultural Fondation with the title “FINLAND OVER 100 – TOWARDS SUSTAINABLE LANDSCAPES”
- The collaboration in the implementation of the AELCLIC-IDEATOR project funded by CLIMATE-KIC (EIT-EU) and aimed at defining the foundations for a project about the Adaptation of European Landscapes to Climate Change.
- The collaboration in the drafting of the successful application for the AELCLIC-PATHFINDER project funded by CLIMATE-KIC (EIT-EU) and aimed at defining a set of Consortia with the technical, economic, social, and governemental competence to prepare a set of LACAPS (Landscape-Climate Change Adaptation Plans) for a set of Pilot landscapes across Europe (three off them located in Finland)
- The participation in the MAISEMASYMPHOSIUM V (Landscape Symposium V) organized by the Ministry of the Environment on October the 19th 2018.

The Action-Research Plan for the year 2019 was defined in December 2018.

As reported in the minutes of the Steering Group meetings, the functioning of the Landscape Observatory of Finland was based in the collegial interaction and agreement between all its partners.

In Helsinki, January 2019
Juanjo Galan
Chair of the Landscape Observatory of Finland
2. ACTION & RESEARCH PLAN 2018
2. ACTION & RESEARCH PLAN 2018

As displayed in the following figure, the Action & Research Plan 2018 was articulated along the preparation of different funding applications and the implementation of different projects organized by different members of the Observatory in accordance to the Action & Research Plan 2018.

The actions of the Landscape Observatory of Finland were also informed by the identification of the most relevant or critical aspects affecting the evolution of Finnish landscapes and the required works or studies:

1. New Landscape Characterization of Finland (responding to new landscape and governance challenges and making use of the new possibilities provided by technology)
2. Exploration of new models for participatory governance in landscape management and conservation
3. Adaptation of Finnish Landscapes to Climate Change
4. Integration of Sustainability agendas and Landscape Agendas: Sustainable Landscape Transitions
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. NEW LANDSCAPE CHARACTERIZATION OF FINLAND:</td>
<td>Importance</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>2. LANDSCAPE INDICATORS AND MONITORING:</td>
<td>Importance</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>3. PARTICIPATORY GOVERNANCE IN LANDSCAPE CONSERVATION</td>
<td>Importance</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>42</td>
</tr>
<tr>
<td>4. LANDSCAPE QUALITY OBJECTIVES:</td>
<td>Importance</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>5. A NATIONAL/REGIONAL/LOCAL LANDSCAPE POLICY AND STRATEGY:</td>
<td>Importance</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>6. A FINNISH LANDSCAPE LABORATORY:</td>
<td>Importance</td>
<td>5</td>
<td>2</td>
<td>5</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. CLIMATE CHANGE AND ITS EFFECT ON FINNISH LANDSCAPES:</td>
<td>Importance</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>41</td>
</tr>
<tr>
<td>8. RURAL FINNISH LANDSCAPES</td>
<td>Importance</td>
<td>3</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>9. FINNISH URBAN LANDSCAPES</td>
<td>Importance</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>10. LANDSCAPE SUSTAINABILITY AND SUSTAINABLE COMMUNITIES:</td>
<td>Importance</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>11. LANDSCAPE, PEOPLE, GOVERNANCE &amp; POLITICS:</td>
<td>Importance</td>
<td>5</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>12. LANDSCAPE SERVICES</td>
<td>Importance</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>13. LANDSCAPE AND NATURE BASED SOLUTIONS</td>
<td>Importance</td>
<td>3</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>14. DIDACTIC MATERIALS ABOUT FINNISH LANDSCAPES</td>
<td>Importance</td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>15. AN INTERNATIONAL PROJECT WITH OTHER LANDSCAPE OBSERVATORIES</td>
<td>Importance</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

40 or more than 40: priority 1
between 30 and 39: priority 2
less than 30: priority 3
ACTION-RESEARCH PLAN_2018_Landscape Observatory of Finland

OUTCOMES TRANSFORMED IN INPUTS
NEW INPUTS
WORKSHOPS STEERING GROUP LAND OBT. OBSERV. FINLAND

APRIL-MAY 2018 JUNE 2018 AUGUST 2018 SEPTEMBER 2018 YEAR 1 YEAR 2 YEAR 3 YEAR 4 next...

PREPARATORY WORKS
- Paper 1: SOME TOOLS?: new data and existing methods for landscape characterization (coord. Kaisa)
- Paper 2: SOME CHALLENGES/GOALS: GOALS! Utility of existing landscape characterization in Planning and decision-making processes

ARGUMENTA PROJECT:
CD-DEFINING SHARED CONCEPTS AND VISIONS
- Society driven
- Sustainability oriented

LANDSCAPE CHARACTERIZATION OF FINLAND:
METHODS AND USES
- University lead
- Sustainability oriented

XXII.C. LANDSCAPE VISION FOR FINLAND
- Sustainability oriented (environment, society, economy)

EU RESEARCH PROJECTS / ??

LANDSCAPE OBSERVATORY OF FINLAND?
ACTION PLAN RESEARCH PLAN

RESEARCH OUTCOMES from and for a multidisciplinary team:
- Tech and Data: UTU (Niina, Kaisa, Noora), AALTO (Dept. Built Envir.)
- Landscape Studies: UTU (Maunu, Hannu)
- Landscape and Planning AALTO (Juanjo, Ranja, Kimmo)
- Landscape and Society: UH/ISP (Mari, Matti)
- Landscape and Ecology: UH (Jari)
- Sustainability Studies: UH/HELSUS (Jari), AALTO (Sustainability Hub?, Juanjo), UH (Future Studies)
3. NEW ADHESIONS
3. NEW MEMBERS

During the year 2018 the social and economic base of the Landscape Observatory of Finland was increased by accepting two new members with a crucial role in the management, protection and transformation of Finnish Landscapes:

The Finnish Association of Landscape Industries – Viherympäristöliitto ry

*The Finnish Association of Landscape Industries is the main organization dealing with urban and rural landscape management in Finland. The goal of the organisation is to develop and promote different areas in the green industry. The organization offers expertise in the fields of landscape design, construction and maintenance, plant production and the trade within the field. It was founded in 1991 and is divided into 10 suborganizations all dealing with different specialised areas of landscape management.*

The Central Union of Agricultural Producers and Forest Owners (MTK).

*MTK is an interest organization representing farmers, forest owners and rural entrepreneurs in Finland. In 2017 MTK celebrated its 100 years of anniversary together with 100 years anniversary of Finlands independence. MTK has over 317 000 members in local agricultural producers’ organisations and regional forest management associations. All of the occupations and businesses of our members are based on renewable natural resources and their utilisation in a sustainable and economical way. Regional activities and lobbying are carried out by 14 provincial MTK unions and 66 forest management associations. According to a recent study carried out by University of Helsinki MTK is considered to be in top three of the most influential interest groups in Finland. MTK’s sister organisation, SLC, has approximately 14,000 members and operates in the Swedish-speaking areas of Finland.*
CONSORTIUM FOR THE FINNISH LANDSCAPE OBSERVATORY/LANDSCAPE OBSERVATORY OF FINLAND
MEMORANDUM OF UNDERSTANDING (22nd of November 2016)

ACCESSION

Viherympäristöliitto ry – Association of The Landscape Industries is willing to join the Consortium for the Landscape Observatory of Finland after being fully informed of the contents of its Memorandum of Understanding (22nd of November 2016).

Viherympäristöliitto ry – Association of The Landscape Industries agrees to the terms and conditions of the Memorandum of Understanding as of the date of the signature of this document.

Name and signature: Sauli Rouhinen
Position: President
Institution: Viherympäristöliitto ry – Association of The Landscape Industries
Place and date: Helsinki, 14.06.2018

**********

The Steering group of the Consortium has approved the new partner in the meeting that took place on the 9th of April 2018.

On behalf of Chair of Landscape Observatory of Finland:

Name and signature: Tuija Pulkkinen (Vice President, Research and innovation, Aalto University)
Place and date: Espoo 18.6.2018
Consortium for the Finnish Landscape Observatory/Landscape Observatory of Finland
Memorandum of Understanding (22\textsuperscript{nd} of November 2016)

ACCESSION

The Central Union of Agricultural Producers and Forest Owners (MTK) is willing to join the Consortium for the Landscape Observatory of Finland after being fully informed of the contents of its Memorandum of Understanding (22\textsuperscript{nd} of November 2016).

The Central Union of Agricultural Producers and Forest Owners (MTK) agrees to the terms and conditions of the Memorandum of Understanding as of the date of the signature of this document.

Name and signature: 

Position: 

Institution: The Central Union of Agricultural Producers and Forest Owners (MTK)

Place and date: 

Steering group of the consortium has approved the new partner in its meeting.

On behalf of Landscape Observatory of Finland:

Name and signature: Ossi Naukkarinen (Vice President, Research, Aalto University)

Place and date:
4. MAIN ACTIVITIES
4.1. ARGUMENTA APPLICATION (Finnish Cultural Foundation)
4.1. ARGUMENTA APPLICATION (Finnish Cultural Foundation)

Following the identification of the impact of Sustainable Landscape Transitions as a key topic for the Landscape Observatory of Finland, the project “FINLAND OVER 100 – TOWARDS SUSTAINABLE LANDSCAPES” was submitted to the ARGUMENTA Call 2018 of the Finnish Cultural Foundation and proposed a conceptual and society-based reflection on two key concepts that are intrinsically linked to the evolution of the Finnish environment: Landscape and Sustainability.

In particular, the project aimed at co-defining a shared vocabulary supporting the Sustainable Development of Finland, the achievement of the UN Sustainable Development Goals, the implementation of the European Landscape Convention and the Finnish Strategy for Cultural Environments, and, in a broader sense, the engagement of different segments of the Finnish society in a systems-thinking based discussion.
ARGUMENTA

Applicant workgroup

Galan Juanjo, PhD, Associate Professor

Place of study / work
Aalto – School of Arts, Design and Architecture

Place of residence
Helsinki

Place of birth
Cali (Colombia)

Topic
Finland over 100 – towards sustainable landscapes Suomi yli sata – kohti kestäviä maisemia

Field of application
Human geography

Salary
79.000

Travel costs
27.600

Material and equipment
9.000

External services
27.400

Other
7.000

TOTAL (€)
150.000

Full-time equivalent months
18

Length of grant period
18

Itemisation

SALARIES_1: 2 persons part time (50%) 1,5 years = 2 x (3000 x 0,5 x 18) = 54,000€

SALARIES_2: 1 Influencer Marketing Professional, 1,5 years (part time) = 25,000€

TRAVEL COSTS: 9 actions x 4 people x 3 days travel & accommodation + 4 visits of 6 international experts = (9 x 4 x 600) + 6 x1000 = 27,600€

MATERIAL/EQUIPMENTS (materials for seminars, workshops, etc.) = 9 actions x 1000 € = 9,000€

EXTERNAL SERVICES (webpage, videos, cartoons, catering) = 27,400€

OTHER EXPENSES (rental costs) = 7000€

Members of working group

Häyrynen Maunu, University of Turku (PhD Professor), mauhay@utu.fi

Linkola Hannu, University of Turku (PhD Professor), hanna.linkola@helsinki.fi

Kähkö Miina, University of Turku (PhD Professor), miina.kahko@utu.fi

Harka Heikki, University of Jyväskylä (PhD Professor), heikki.j.harka@jyu.fi

Rautamaki Ranga, Aalto University (PhD Professor), ranja.hautamaki@aalto.fi

Raatikainen Kaisa, University of Helsinki (PhD Professor), kaisa.raatikainen@utu.fi

Niemela Jari, University of Helsinki (PhD Professor), jari.niemela@helsinki.fi

Vaattovaara Mari, Finnish Professional Association of Land, veera.a.tolvanen@gmail.com

Tolvanen Veera, Finnish Professional Association of Land, veera.a.tolvanen@gmail.com

Tyrväinen Liisa, LUKE (Planning officer), liisa.tyrvainen@luke.fi

Häro Mikko, Finnish Heritage Agency, mikko.haro@museovirasto.fi

Heikkila Tapio, Ministry of Environment, tapio.heikkila@ym.fi

Galan Juanjo, Aalto University (PhD Professor), juanjo.galan@aalto.fi

List of attachments

1. CV Juanjo Galan.pdf
2. CV Kaisa Raatikainen.pdf
3. CV Hannu Linkola.pdf
4. CV Sauli Rouhinen.pdf

Links

31.08.2018 15:48
ARGUMENTA

Work plan
This ARGUMENTA projects proposes a conceptual, semantic, democratic and society-based reflection on two key concepts that are intrinsically linked to the evolution of the Finnish environment: Landscape and Sustainability.

Due to their transversal and integrative character, these concepts and their mutual intersections promote multi-, inter- and transdisciplinary thinking that connects strategies, agendas and commitments at national, regional and local levels.

In particular, the project aims at co-defining a shared vocabulary supporting the Sustainable Development of Finland, the achievement of the UN Sustainable Development Goals, the implementation of the European Landscape Convention and the Finnish Strategy for Cultural Environments, and, in a broader sense, the engagement of different segments of the Finnish society in a systems-thinking based discussion.

For the initiation of the project, “Landscape” is perceived as a dimension of any area, rural or urban, exceptional or ordinary, whose character is the result of the action and interaction of natural and/or human factors and whose qualities affect the quality of life and the connections between people and land.

“Sustainability” is understood as one of the key concepts driving the environmental, social and economic transition in a manner that does not compromise the future of forthcoming generations.

The project explores and advances these definitions through discussions based on the specific characteristics of the Finnish environment and society, and addresses in a participatory way the challenges faced by the Finnish Society.

In addition, the project aims to promote a genuinely open discussion and to favor the integration of bottom-up approaches with official agendas. A tentative list of social, cultural, environmental, and governance challenges to be discussed includes ageing population, migration, cultural and linguistic globalization, emergence of new ways of living, political dilemmas and models of governance, carrying capacity of Finnish nature, biodiversity loss, new economic models and systems of production-consumption and new data and digitalization.

ALIGNING AGENDAS.
The project will promote the alignment of agendas of social, economic, academic and governmental stakeholders, exploring how the project can benefit them and affect their ways of living, working, teaching or operating.

ACTIVITIES AND TIMETABLE:
The project is organized around a set of seminars and workshops to be held during 1.5 years. The activities are arranged in order to cover the geographical and socio-cultural diversity of Finland and would take advantage of the rich composition of the working group and the project collaborators. In particular, the project implies a progressive appropriation of the contents and activities by the participants. The activities will be grouped in three phases:

PHASE1: FOUNDATIONAL CONCEPTS: “Landscapes of Finland?“, “Sustainability in Finland?” These seminars and workshops are developed during the first 4 months and take place at different parts of the Finnish geography. They engage a wide range of stakeholders and establish regional groups for the next phases. The main outputs will be a set of preliminary definitions that will frame the discussions in Phase2.

PHASE2: LANDSCAPE, SUSTAINABILITY AND FINNISH CHALLENGES: Here, each event is linked to a different topic or challenge in order to generate a full collage of the connections between challenges and their interaction with Landscape and Sustainability Transitions. Potential synergies and contradictions are sought for to create an integrative framework for landscape and the sustainability concepts. Phase2 proceeds sequentially during seven months. The topics for this phase will be settled during the phase1 but a primary list would include the following challenges, each of them coordinated by a different member of the working group:
- Demographic challenges
- Socio-cultural challenges
- Models of Governance
- Environmental challenges
- Economic models
- Intersections between landscape & sustainability

PHASE3: CO-DEFINING LANDSCAPE AND SUSTAINABILITY: During a period of four months, a critical synthesis is developed, including an amplified redefinition of the concepts of landscape and sustainability, and an exploration of how these concepts can support participatory governance in the development of Finland.

Each main activity (seminar or workshop) includes preparatory and postproduction works covering the elaboration of deliverables (videos and presentations uploaded in the project webpage) that will inform the development of subsequent seminars. The project’s webpage will also facilitate public participation and live streaming of the project’s activities. The project will produce graphic materials (cartoon “Finnish Landmarcs”) and an interactive app showing the cause-effect connections between different types of transformations and the appearance of the visual landscape or the levels of sustainability/ecological footprints. In addition, other minor actions (lectures, seminars on line, visits and walks, etc.) can be arranged.

PARTICIPANTS and MEANS OF REALIZATION
The Landscape Observatory of Finland (LoF), an open Consortium integrating Finnish social, economic, governmental, professional and academic institution, promotes this project. Most of the participants are involved with the LoF. The LoF was created in 2016 and promotes research, discussion, participation and actions on landscape issues, assuming that any Finnish area, regardless of its character, rural or urban, quality, or scale deserves study, management and planning, and that can become an asset for sustainable development & wellbeing. The working group will be extended with strategic partners for the whole project or for some specific actions such as regional and local administrations or networks (e.g Kuntalitto) or associations of companies dealing with key sectors (energy, agriculture, forestry...
ARGUMENTA

Explain the manner in which the topic is both scientifically interesting and bears societal importance.

The project explores the meanings and intersections between Sustainability, Landscape and some of the most urgent challenges and drivers of change affecting the evolution of Finland. From a scientific point of view, the project agenda will include a wide range of topics dealing with social, political, cultural, environmental, economic and sustainability sciences, and planning in a wide range of scales and contexts (regional and local, rural, urban and periurban). From a planning and governance point of view, the project will co-define new ways of informing decision-making processes and will facilitate the engagement of the society in transversal and public discussions.

What kind of scientifically controversial issues are related to the topic and how interdisciplinary discussion is realised in the project?

The project challenges the division of scientific disciplines and seeks a common ground for transmitting and understanding transversal concepts. It is aligned with key global, European and national strategies promoting sustainable development and landscape planning/management. These strategies will provide the frameworks to open a genuine and empowering discussion about landscape transformation, sustainable transitions and their potential synergies and frictions. From an epistemological point of view, the project will generate new transdisciplinary knowledge, based on systems thinking and the bottom-up creation of integrative concepts.

The project addresses critical issues such as urbanization, rural areas, local identities, the new Land Use Act and the role of policies and governance.

How the project aims to A. increase and deepen public debate on the topic or B. achieve a direct impact on societal decision-making?

The Project will include a public, science based and multifaceted debate on the intersections between Sustainability, Landscape and some of urgent challenges affecting the evolution of the Finnish territory and society. The project will include a set of open and public seminars and workshops organized in three phases: (1) Foundational concepts (2) Landscape, Sustainability and Finnish Challenges, (3) Co-defining Landscape and Sustainability.

The project will be supported with an interactive webpage, additional actions (lectures, walks, etc.). The final outputs and deliverables will include partial reports of the meetings, a final report, videos on line, graphic materials displaying the partial and final results for different publics. An influencer marketing professional will be hired.
4.2. AELCLIC-IDEATOR (Climate-KIC-EIT/EU)
4.2. **AELCLIC-IDEATOR (Climate-KIC-EIT/EU)**

Following the identification of the impact of Climate Change in the landscape as a key topic for the Landscape Observatory of Finland, the AELCLIC-IDEATOR explored the initial steps to develop a project that would facilitate the continuity of the European Landscape capital as an expression of the European cultural and environmental diversity. This goal was expected to be achieved by understanding the effects of climate change in the ecological and socio-economic structures governing the evolution of a set of valuable or highly used landscapes and by co-defining adaptive and mitigation strategies or policies with the participation of local and regional stakeholders.

The IDEATOR project was supported and funded by CLIMATE-KIC (EIT_EU) and was developed by Aalto University with the collaboration of Wageningen University, University of Copenhagen, Polytechnic University of Valencia, UNISCAPE, CIVILSCAPE, The Landscape Observatory of Finland, the Landscape Observatory of Catalonia, Universita IUAV di Venezia and National University of Ireland-Galway.
AELCLIC (Adaptation of European landscapes to Climate Change)

PROJECT TYPE: IDEATOR (OTHER)

PROJECT PERFORMANCE REPORT
UNDER THE EIT SPECIFIC GRANT AGREEMENT 2018

PERFORMANCE REPORT DATE: 30-06-2018
For the purpose of the EIT Grant Assessment Reporting Cycle 2018
## 1 Project Details

<table>
<thead>
<tr>
<th>Project Details</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Name</strong></td>
<td>AELCLIC (Adaptation of European Landscapes to Climate Change)</td>
</tr>
<tr>
<td><strong>KAVA reference</strong></td>
<td>2.1.6</td>
</tr>
<tr>
<td><strong>Project Lead</strong></td>
<td>P279 AALTO-KORKEAKOULOUSÄÄTIÖ</td>
</tr>
<tr>
<td><strong>Date started</strong></td>
<td>28/02/2018</td>
</tr>
<tr>
<td><strong>Date Completed or expected to complete</strong></td>
<td>30/06/2018</td>
</tr>
</tbody>
</table>
| **Project summary** | **1. BACKGROUND and GOAL:** The AELCLIC project would facilitate the continuity of the European Landscape capital as an expression of the European cultural and environmental diversity. This goal is expected to be achieved by understanding the effects of climate change in the ecological and socio-economic structures governing the evolution of a set of valuable or highly used landscapes and by co-defining adaptive and mitigation strategies or policies with the participation of local and regional stakeholders. The participation of economic agents linked to the main productive activities happening in those landscapes, of the people living, working or visiting those landscapes and of the public administrations involved in their official planning and management, would facilitate the development of feasible and realistic proposals. In addition, the AELCLIC project would support the implementation of the European Landscape Convention, a strategic document managed by the Council of Europe and ratified by almost all the European countries. From an institutional perspective, the AELCLIC project would create a bridge between a wide range of European academic, civil, economic and governmental organizations working in the implementation of the European Landscape Convention and Climate Change adaptation.  

**2. METHODS:** Concerning Climate Change ADAPTATION and MITIGATION: the AELCLIC project would consider how the ecological, social and productive systems connected to the studied landscapes can be adapted in order to maintain their functionality, keep the cultural, environmental and visual values that they provide to the society, and contribute to climate change mitigation (e.g. storm water management, positive impact in GHG emissions and global carbon footprints, carbon sequestration, etc.). Concerning connections with the PRODUCTIVE SECTOR (forestry, agriculture, energy production and supply, tourism, transport, etc.): The next stages of the AELCLIC project would include the co-identification of the potential impact of Climate Change in the addressed landscapes and activities, and the co-definition of adaptation and mitigation solutions. |
Concerning connections with the SOCIETY: The next stages of the AELCLIC project would raise societal awareness about the potential impacts of Climate Change in the addressed landscapes and would involve local and regional communities in the co-definition and implementation of solutions for Climate Change adaptation and mitigation

3. CONTENTS and OBJECTIVES: The current report presents the results of the IDEATION stage of the AELCLIC project that aimed at the following objectives:

- 1. Conformation of a germinal Consortium
- 2. Formulation of the key objectives, agendas and methods
- 3. Identification of the key criteria to select a set of representative and strategic European Pilot Landscapes (considering the potential exportability and scalability of the expected outcomes).
- 4. Definition of methods and procedures to advance in the AELCLIC Project.

4. PROJECT OUTLINE: The IDEATION stage of the AELCLIC project included the following four ACTIONS (A) that were associated with the production of different OUTPUTS (O) and DELIVERABLES (D):

- ACTION1 (A1): Workshop1 "Foundations for the AELCLIC Project": OUTPUT1 (O1) and DELIVERABLE1 (D1)
- ACTION2 (A2): On Route1 "Identifying Landscapes and Actors for the AELCLIC Project": OUTPUT2 (O2) and DELIVERABLE1 (D2)
- ACTION3 (A3): On Route2 "Advancing in the definition of Goals, Landscapes and Actors for the AELCLIC Project": OUTPUT2 (O3) and DELIVERABLE1 (D3)
- ACTION4 (A4): Workshop2: "Constructing the AELCLIC Project", OUTPUT1 (O4) and DELIVERABLE1 (D4)

2 Project Performance

2.1 Progress and achievements of project in 2018

- **OBJECTIVE1**: Conformation of a germinal Consortium including organizations working in the implementation of the European Landscape Convention and European institutions working in Climate Change adaptation in Europe. (***: EIT CLIMATE KIC partners*)
  - The initial Consortium included the following partners/third parties: Aalto University (*), Wageningen University (*), University of Copenhagen (*), Polytechnic University of Valencia (*), UNISCAPE, CIVILSCAPE, Landscape Observatory of Finland.
  - After the development of the IDEATION stage of the AELCLIC project, the Consortium had the following new partners/third parties: Landscape Observatory of Catalonia, Istituto Universitario di Architectura di Venezia, National University of Ireland-Galway and University of Porto.
  - In addition, the representatives of the partners/third parties identified groups working in Climate Change adaptation in their respective universities or geographical scopes.

- **OBJECTIVE 2**: Formulation of the key objectives, agendas and methods for the development of the next stages of the AELCLIC project:
During the consecutive ACTIONS included in the project, the members of the Consortium discussed and co-defined the key goals, agendas and methods for the next stage of the AELCLIC PROJECT. The results of this discussions are presented in the OUTPUTS of this project and are summarized in the following lines:

- **GOALS & AGENDAS:**
  - Align European and Local Agendas & Challenges related to Landscape Planning/Management/Protection and to Climate Change Adaptation
  - Position the AELCLIC project and the expected LACAPs (Landscape-Climate Adaptation Plans) in the intersection between Sustainability/Climate Change/Landscape Management & Planning.
  - Use the AELCLIC Project as a connector between past experiences in Landscape Adaptation and future visions for Landscape Adaptation
  - Approach the AELCLIC Project a disseminator between European Regions and between Europe and the rest of the World
  - Position the AELCLIC Project as an instrument for European self-awareness and for a collective reflection about the European identity, its past and its future
  - Avoid approaches purely based in Problem Solving. Take Climate Change as an opportunity to investigate on landscape transformations and on how this knowledge can be used in Landscape Planning and Management.
  - Address other crucial issues and work with them through the Climate Change, Landscape and Sustainability lens:
    - New relationships between people and land
    - New patterns of distribution of power and wealth
    - New systems of production-consumption
  - Consider Socio-ecological systems and Systems thinking as one of the theoretical and operational pillars of the project

- **METHODS:**
  - Make a diagnosis of the level of expertise and the geographical capacity of the current partners/third parties in order to complete the Consortium
  - Integrate Top-Down approaches (policies and strategies) with Bottom-Up and Community Based initiatives
  - The General Method for a LACAP (Landscape-Climate Adaptation Plans), will be jointly developed by the current AELCLIC partners and by all the LOCAL/REGIONAL Groups during the PATHFINDER/PARTNER ACCELERATOR project. This general method will probably include:
    - Mapping & Understanding the processes related to the management and transformation (DPSIR method) of the studied Landscapes
    - Assessing Climate Change Impacts
    - Defining and Modelling adaptive responses and processes (DPSIR method)
    - Development of Adaptation Plan + Pilot Projects + Implementation Plan
  - The Specific Contents and Methods of each LACAP will be defined by the AELCLIC_Local/Regional Groups that will be conformed at the end of the PATHFINDER/PARTNER ACCELERATOR project.

- **OBJECTIVE 3:** Identification of the key criteria to select a set of representative and strategic European Pilot Landscapes. The selection of landscapes will nevertheless be informed by the potential exportability and scalability of the expected outcomes.
- The identification and selection of Pilot Landscapes for the next stages of the AELCLIC project should be based on the following criteria:
  1. Climate Change Areas and main expected Impacts (as defined by the European Environmental Agency)
  2. Biogeographical areas of the European Union (as defined by the European Environmental Agency)
  3. Inclusion of landscape with different predominant land-uses (urban rural or collages). If possible include one predominantly urban landscape and one predominantly non-urban landscape per each climate-impact zone.
  4. Inclusion of landscapes with a wide variety of values that can be affected by Climate Change (environmental, cultural, economic values)
  5. Geographical balance across 2 geographical axis:
     a. South-North of Europe
     b. West-East of Europe
  6. Inclusion of areas with high level of risk. This risk can be calculated as a combination of hazard (level of impacts) and vulnerability (capacity of reaction to the expected impacts (due to economic, social or structural limitations)).
  7. Connection between the selected Pilot Landscapes and existing Best Practices on Climate Change Adaptation
  8. Consider the exportability of findings and results.

- We have finished the IDEATION-AELCLIC with an extensive list of potential Pilot Landscapes (15-20 landscape). This list will be reduced during the PATHFINDER or PARTNER ACCELERATOR project. This reduction will depend on the possibility of conforming solid and reliable local or regional Consortiums with the academic, political, societal and economic capacity to define and co-fund a Landscape Climate Adaptation Plan (LACAP) during a DEMONSTRATOR project.
OBJECTIVE 4. Definition of methods and procedures to advance in the AELCLIC Project

After defining the basic methods and procedures for the future development of LACAPs (local/regional Landscape Climate Adaptation Plans) it is agreed to structure the AELCLIC project in the following stages:

- 1. IDEATION-AELCLIC (current project): Consolidate a consortium and prepare a "PATHFINDER or PARTNER ACCELERATOR" grant application for CLIMATE KIC. This application will be based in the general objectives, methods and Pilot sites discussed and agreed during the IDEATION project

- 2. PARTNER ACCELERATOR or PATHFINDER PROJECT (1 year 2018-2019, 50,000 Euros): If we are granted this funding, we will work with local communities, administrations and economic actors of the selected PILOT LANSCAPES to co-define with them the main contents, objectives, methods and financial support (co-funding) for the development of some local plans for landscape Adaptation & Mitigation to Climate Change. The final outcome would be a grant application for a DEMOSTRATOR project in CLIMATE-KIC

- 3. DEMONSTRATOR (up to 3 years, up to 3 million euros): the objective would be to define in the PILOT Landscapes the real PLANS for Landscape Adaptation & Mitigation to Climate Change (perhaps with some pilot actions). Those plans are referred hereafter as LACAPs
2.2 Description of work implemented in 2018

IMPLEMENTATION OF THE PROJECT: 28.2.2018-30.6.2018. The IDEATION stage of the AELCLIC project included the following four ACTIONS (A\textsubscript{\textit{x}}) that were associated with the production of different OUTPUTS (O\textsubscript{x}) and DELIVERABLES (D\textsubscript{x}) (as defined in the Task ID TC2018B_2.1.6-ID12_P279-1A, KAVA2 2.1.6). More details can be found in the final report (such as meeting minutes, lists of participants, agendas, etc.).

**ACTION1 (A1): Workshop1 "Foundations for the AELCLIC Project":** joint discussion and co-definition of goals for the IDEATION_AELCLIC project. A list of participants and agenda can be found in the final report.

- **RATIONALE:** Kick-off event consisting of a workshop with the former group of partners (third parties). This face to face meeting was considered essential to discuss the key elements of the project and to strengthen the group.
- **DATE and PLACE:** 23.3.2018 (Amsterdam, The Netherlands)
- **OUTPUT (O1):** co-definition of goals for the ideation project
  - DELIVERABLE 1 (D1): Preparatory Materials and Section in the final report that summarizes the Workshop1.

**ACTION2 (A2): On Route1 (on-line meeting) "Identifying Landscapes and Actors for the AELCLIC Project":** Following the initial workshop, this "on-line" meeting permitted the pre-identification of potential additional partners and relevant Pilot landscapes for the next stages of the AELCLIC project as well as of possible funding opportunities. Each initial partner/third party was responsible for identifying potential partners and landscapes in their geographical or topical areas. A list of participants and agenda can be found in the final report.

- **DATE:** 19.4.2018 (Skype meeting)
- **OUTPUT (O2):** Identification of CRITERIA to select pilot landscapes, goals and key actors
  - DELIVERABLE 2 (D2): Section in the final report that summarizes the on-line meeting.

**ACTION3 (A3): On Route2 (on-line meeting) "Advancing in the definition of Goals, Landscapes and Actors for the AELCLIC Project":** Co-defining the final goals, landscapes and partners for the next stage of the AELCLIC project. A list of participants and agenda can be found in the final report.

- **DATE:** 9.5.2018 (Skype meeting)
- **OUTPUT (O3):** Preselection of Pilot Landscapes and key actors (at a European level)
  - DELIVERABLE 3 (D3): Section in the final report that summarizes the on-line meeting.

**ACTION4 (A4): Workshop2: "Constructing the AELCLIC Project":** In this workshop the initial and new partners/stakeholders would develop the following works: Alignment of agendas (expectations, goals, time-frames, etc.), SWOT analysis of the pre-selected landscapes regarding climate change, Co-selection of funding schemes for future applications and co-definition of schedules for future fund raising actions. A list of participants and agenda can be found in the final report.

- **RATIONALE:** Closing event consisting of a workshop with the expanded group of partners (third parties). This face to face meeting was considered essential to discuss and prepare the key information for the development of the next grant application (Partner Accelerator or Pathfinder)
- **DATE and PLACE:** 5.6.2018 (Bologna, Italy)
- **OUTPUT (O4):** Final selection of Pilot Landscapes, definition of Methods and procedures to elaborate a generic LACAP (local/regional Landscape Climate Adaptation Plan) and preparation of next steps to advance in the AELCLIC project.
  - DELIVERABLE 4 (D4): Preparatory Materials and section in the final report that summarizes the workshop.
3 Outputs and Deliverables

3.1 EIT Outputs Achieved

<table>
<thead>
<tr>
<th>Name of output 1</th>
<th>Description of output (as per BP2018)</th>
<th>% completed (increments of 10)</th>
<th>Result of output</th>
</tr>
</thead>
<tbody>
<tr>
<td>O1: FOUNDATIONS FOR THE AELCLIC PROJECT</td>
<td>Results of the Workshop1 &quot;Foundations for the AELCLIC Project&quot;</td>
<td>100%</td>
<td>DELIVERABLE 1 (D1) Section in the Final Report including the materials and conclusions of the ACTION1 (Workshop 1)</td>
</tr>
<tr>
<td></td>
<td>- Joint pre-definition of goals, pre-identification of potential partners and stakeholders, potential valuable or relevant landscapes and funding opportunities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>O2: IDENTIFYING LANDSCAPES AND ACTORS</td>
<td>Results of the On Route1 Action (Skype meeting 1): &quot;Identifying Landscapes and Actors for the AELCLIC Project&quot;</td>
<td>100%</td>
<td>DELIVERABLE 2 (D2) Section in the Final Report including the materials and conclusions of the ACTION2 (On-line meeting 1)</td>
</tr>
<tr>
<td></td>
<td>- Final identification of potential key partners and stakeholders and valuable or relevant landscapes. Each partner would be responsible for identifying the potential partners and landscapes in their geographical or topical areas.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>O3: ADVANCING IN THE DEFINITION OF GOALS, LANDSCAPES AND ACTORS</td>
<td>Results of the On Route2 Action: &quot;Advancing in the definition of goals, landscapes and actors&quot;</td>
<td>100%</td>
<td>DELIVERABLE 3 (D3) Section in the Final Report including the materials and conclusions of the ACTION3 (On-line meeting 2)</td>
</tr>
<tr>
<td></td>
<td>- Co-definition of final goals and discussion about the preselected landscapes and the additional partners that might be needed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>O4: CONSTRUCTING THE AELCLIC PROJECT</td>
<td>Results of the Workshop2: &quot;Constructing the AELCLIC Project&quot;:</td>
<td>100%</td>
<td>DELIVERABLE 4 (D4) Section in the Final Report including the materials and conclusions of the ACTION4 (Workshop 2)</td>
</tr>
<tr>
<td></td>
<td>- SWOT analysis of the pre-selected landscapes regarding climate change</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Goals and General contents of a generic AELCLIC_LACAPs (Landscape-Climate Adaptation Plan).</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Main methods and procedures to define a LACAP (Landscape-Climate Adaptation Plan)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Definition of a roadmap to advance in the development of the AELCLIC project.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note to expert reviewer: If this section is blank, it is because the project has recently commenced and does not have agreed outputs in the 2018 reporting year.

1 The “Name of Output” added here by the Project may vary slightly from the Name of Output included in the KAVA. This is because the KAVA BP2017 has unique naming requirements in the excel master template, which meant names had to be adjusted to meet those requirements. The descriptions remained exactly as provided by project. Projects should check with Geo Leads on the naming used in the KAVA.
### 3.2 EIT Deliverables achieved

<table>
<thead>
<tr>
<th>Deliverable Name</th>
<th>Output named above to which this deliverable relates</th>
<th>Description of deliverable (as per the description in your plan)</th>
<th>% completed (increments of 10) i.e. 100%</th>
<th>Summary of deliverable</th>
<th>Completion Date (mm/yy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Performance Report</td>
<td>O1(A1), O2(A2), O3(A3), O4(A4)</td>
<td>The project performance report summarises the progress and key achievements of the project for the reporting year. This is sent to the EIT.</td>
<td>100%</td>
<td>The project performance report summarises the progress and key achievements of the project for the reporting year. This is sent to the EIT.</td>
<td>External: (25.6.2018)</td>
</tr>
<tr>
<td>Communications Deliverable</td>
<td>O1(A1), O2(A2), O3(A3), O4(A4)</td>
<td>The project will agree with Climate-KIC appropriate/reasonable communications deliverables which might include one or more of: a high-resolution image, a PowerPoint slide, a testimonial, or a case study</td>
<td>100%</td>
<td>Map of the identified Pilot Landscapes, logo of the AELCLIC Project and 2 pictures of the two workshops</td>
<td>External: (25.6.2018)</td>
</tr>
<tr>
<td>Final Report (D1+D2+D3+D4)</td>
<td>O1(A1), O2(A2), O3(A3), O4(A4)</td>
<td>Compilation of the results comprised in each OUTPUT (O1, O2, O3, O4) and their related actions</td>
<td>100%</td>
<td>Compilation of the results comprised in each OUTPUT (O1, O2, O3, O4) and their related actions (A1, A2, A3, A4)</td>
<td>External: (25.6.2018)</td>
</tr>
</tbody>
</table>

*Note to expert reviewer*: If this section is blank, it is because the project has recently commenced and does not have agreed deliverables in the 2018 reporting year.

---

2 The “Name of Deliverable” added here by the Project, may vary slightly from the Name of Deliverable included in the KAVA. This is because the KAVA BP2018 has unique naming requirements in the excel master template, which meant names had to be adjusted to meet those requirements. The descriptions remained exactly as provided by project. Projects should check with Geo Leads on the naming used in the KAVA.
4 Key Performance Indicators

4.1 EIT Core KPIs

<table>
<thead>
<tr>
<th>EIT Core KPI Code and name</th>
<th>Total # achieved</th>
<th>Description of KPI achieved</th>
<th>Year achieved</th>
<th>Confirm required evidence has been supplied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose an item.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note to expert reviewer: If this section is blank or parts are blank, it is because (i) the project has recently commenced and does not have agreed EIT KPIs in the 2018 reporting year; or (ii) not all the KPIs are relevant to the project.

4.2 Climate KIC KPIs

<table>
<thead>
<tr>
<th>Climate-KIC KPI Code and name</th>
<th>Total # achieved</th>
<th>Description of KPI achieved</th>
<th>Year achieved</th>
<th>Confirm required evidence has been supplied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose an item.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note to reader: If this section is blank or parts are blank, it is because (i) the project has recently commenced and does not have agreed EIT KPIs in the 2018 reporting year; or (ii) not all the KPIs are relevant to the project.

---

3 Refer to document “2018 Climate-KIC KPIs definitions and instructions” for details on supporting evidence requirements as a KPI will not be approved by EIT unless the correct evidence is supplied.
5 Role of KIC partner(s)

<table>
<thead>
<tr>
<th>Partner number and name (*).</th>
<th>Role on Project</th>
<th>Brief description of work and area of expertise</th>
</tr>
</thead>
</table>
| P279 AALTO-KORKEAKOULUSÄÄTIÖ | Project Lead   | WORK UNDERTAKEN: Ideation, Coordination and Management of the Project Areas of expertise:  
- Landscape, Regional and City Planning  
- Green Infrastructures and Sustainable Development  
- Climate Change assessment, adaptation and mitigation (in collaboration with VTT, SYKE, etc)  
Geographical Area of Direct Influence:  
- Nordic and Baltic countries |

6 Role of linked third parties (L3P)

<table>
<thead>
<tr>
<th>L3P number and name (*).</th>
<th>Role on Project</th>
<th>Brief description of work and area of expertise</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
</tr>
</tbody>
</table>
4.3. AELCLIC-PATHFINDER (Climate-KIC-EIT/EU)
4.3. **AELCLIC-PATHFINDER (Climate-KIC-EIT/EU)**

The AELCLIC-PATHFINDER would define and test MODELS for the configuration of regional/local consortia with the social, financial, administrative and technical capacity to co-define Landscape Adaptation Plans to Climate Change (LACAPs). A LACAP would include regional/local policies, strategies, pilot actions and initiatives to promote Climate Change adaptation and would be defined in a joint process between local and regional stakeholders.

- **PARTNERS:** Aalto University; Wageningen University; Universitat Politècnica de Valencia; Comune di Bologna; Alma Mater Studiorum - Università di Bologna; Las Naves (City of Valencia); Fondazione per l'I'Innovazione Urbana; City of Helsinki; Provincie Zuid-Holland

- **THIRD PARTIES:** Uniscape; Civilscape; Landscape Observatory of Finland; Landscape Observatory of the Netherlands; Landscape Observatory of Catalonia; Landscape Observatory of the Canary Islands; Università IUAV di Venezia; National University of Ireland Galway; Eurodite; Piante Faro
NEED: Climate-Change adaptation is highly site specific and requires the definition of frameworks and policies supporting, guiding and coordinating vertical and horizontal initiatives. These policies and initiatives are more effective and implementable when they are the result of the collaboration of social, governmental, economic, and academic partners. However, there is a need to advance in the creation of regional/local models to align agendas and visions of the different types of stakeholders involved in the management, adaptation and transformation of the landscape, both in rural and urban areas as well as in transitional spaces.

GOAL: The AELCLIC-PATHFINDER would define and test MODELS for the configuration of regional/local consortia with the social, financial, administrative and technical capacity to co-define Landscape Adaptation Plans to Climate Change (LACAPs hereafter). NOTE: A LACAP would include regional/local policies, strategies, pilot actions and initiatives to promote Climate Change adaptation and would be defined in a joint process between local and regional stakeholder.

OUTCOME: The final outcome of the AELCLIC-PATHFINDER would be a group of regional/local Consortia in a strategically selected set of European Pilot Landscapes that have been chosen in order to cover the climatic, socio-economic, cultural and biogeographical diversity of Europe and in order to produce highly transferable and scalable models.

USERS: The final users of the models and results will be firstly the regional/local communities where the Consortia will been defined as a result of the AELCLIC-PATHFINDER. They will be ready and will have the economic sustainability to move on to the definition of their own LACAPs. Secondly, other regions and municipalities will be able to benefit from the produced models and adapt them to their own conditions. In terms of type of users, the AELCLIC-PATHFINDER is mainly aimed at regional/local administrations, civil society groups and economic actors, whose work would be supported by academic-research institutions. This aim has guided the selection of partners and third parties in the AELCLIC-PATHFINDER project although the identification and involvement of local economic actors and civil society groups will be mainly implemented during the execution of the project.

METHOD: The AELCLIC-PATHFINDER project will include 4 tandems of Universities and Regional/Local Authorities (all CLIMATE-KIC Partners) promoting the development of regional/local Consortia in a set of Leading Pilot Landscapes. The models generated in those Leading Pilot Landscapes will afterwards be tested and adapted in a set of Multiplier Pilot Landscapes with the support of regional/local third parties. In addition, the participation of some European Networks as third parties (UNISCAPE and CIVILSCAPE) will facilitate a critical revision of the transferability/scalability of the models and will provide a wide platform for the dissemination of results and for the identification of potential new stakeholders in regional/local Consortia.
AELCLIC PATHFINDER (Initial partners & third parties)

AELCLIC partners
- Academic
- Regions / Cities
- NGOs
- Business

AELCLIC third parties
- Academic
- Regions / Cities
- NGOs
- Business

AELCLIC Leading Pilot Landscapes

AELCLIC Multiplier Pilot Landscapes

EUROPEAN NETWORKS
- UNISCAPE (UNIVERSITIES)
- CIVILSCAPE (CIVIL SOCIETY ORGANIZATIONS (NGOs))

PARTNERS: WAGENINGEN UNIVERSITY + PROVINCE OF ZUID-HOLLAND
LEADING PILOT LANDSCAPE: LOWLAND PEAT AND POLDER LANDSCAPE OF HOLLAND
REGIONAL THIRD PARTY: NATIONAL UNIVERSITY OF IRELAND-GALWAY

PARTNERS: POLYTECHNIC UNIV VALENCIA + LAS NAVES (CITY OF VALENCIA)
LEADING PILOT LANDSCAPE: HUERTA DE VALENCIA (ES)
REGIONAL THIRD PARTY: UNIVERSITY OF BOLOGNA + CITY OF BOLOGNA + FONDAZIONE PER L’INNOVAZIONE URBANA
LEADING PILOT LANDSCAPE: FRINGE AREAS OF BOLOGNA
MULTIPLIER PILOT LANDSCAPE: TORNIO RIVER VALLEY (FI-SE))
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF FINLAND
MULTIPLIER PILOT LANDSCAPE: HÄMEENKYRO CULTURAL LANDSCAPE (FI)
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF FINLAND
MULTIPLIER PILOT LANDSCAPE: TONDER MARSHLANDS (DK)
REGIONAL THIRD PARTY: NATIONAL UNIVERSITY OF IRELAND-GALWAY
MULTIPLIER PILOT LANDSCAPE: BERTRA BEACH DUNE SYSTEM, COUNTY MAYO  (IR)
REGIONAL THIRD PARTY: UNIVERSITY OF PORTO
MULTIPLIER PILOT LANDSCAPE: MOUNT SAINT MICHEL (FR)
REGIONAL THIRD PARTY: ISTITUTO UNIVERSITARIO DI ARCHITETTURA DI VENEZIA
MULTIPLIER PILOT LANDSCAPE: MER DE GLACE AND ALPINE GLACIERS (FR)
MULTIPLIER PILOT LANDSCAPE: TOWN AND VALLEY OF IVREA(IT))
REGIONAL THIRD PARTY: EURODITE_BUCHAREST (RO)
MULTIPLIER PILOT LANDSCAPE: AGRICULTURAL LANDSCAPES IN THE SICILY REGION (IT)
REGIONAL THIRD PARTY: PIANTE FARO
MULTIPLIER PILOT LANDSCAPE: PRIORAT or PENEDES REGION (ES)
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF CATALONIA
MULTIPLIER PILOT LANDSCAPE: VILA DO CONDE COASTAL LANDSCAPE (PT).
REGIONAL THIRD PARTY: UNIVERSITY OF PORTO
MULTIPLIER PILOT LANDSCAPE: TOURISTIC ZONES OF NORTHERN TENERIFE (ES)
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF CANARIAS
MULTIPLIER PILOT LANDSCAPE: URBAN FRINGE BUCHAREST
REGIONAL THIRD PARTY: EURODITE_BUCHAREST (RO)

PARTNERS: AALTO UNIVERSITY + CITY OF HELSINKI
LEADING PILOT LANDSCAPE: SITE IN THE METROPOLITAN AREA OF HELSINKI (PIHLAMÄKI DISTRICT)
MULTIPLIER PILOT LANDSCAPE: VILA DO CONDE COASTAL LANDSCAPE (PT)
REGIONAL THIRD PARTY: UNIVERSITY OF PORTO
MULTIPLIER PILOT LANDSCAPE: MER DE GLACE AND ALPINE GLACIERS (FR)
REGIONAL THIRD PARTY: ISTITUTO UNIVERSITARIO DI ARCHITETTURA DI VENEZIA
MULTIPLIER PILOT LANDSCAPE: AGRICULTURAL LANDSCAPES IN THE SICILY REGION (IT)
REGIONAL THIRD PARTY: PIANTE FARO
MULTIPLIER PILOT LANDSCAPE: PRIORAT or PENEDES REGION (ES)
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF CATALONIA
MULTIPLIER PILOT LANDSCAPE: VILA DO CONDE COASTAL LANDSCAPE (PT).
REGIONAL THIRD PARTY: UNIVERSITY OF PORTO
MULTIPLIER PILOT LANDSCAPE: TOURISTIC ZONES OF NORTHERN TENERIFE (ES)
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF CANARIAS
MULTIPLIER PILOT LANDSCAPE: URBAN FRINGE BUCHAREST
REGIONAL THIRD PARTY: EURODITE_BUCHAREST (RO)

PARTNERS: WAGENINGEN UNIVERSITY + PROVINCE OF ZUID-HOLLAND
LEADING PILOT LANDSCAPE: LOWLAND PEAT AND POLDER LANDSCAPE OF HOLLAND
REGIONAL THIRD PARTY: NATIONAL UNIVERSITY OF IRELAND-GALWAY

PARTNERS: POLYTECHNIC UNIV VALENCIA + LAS NAVES (CITY OF VALENCIA)
LEADING PILOT LANDSCAPE: HUERTA DE VALENCIA (ES)
REGIONAL THIRD PARTY: UNIVERSITY OF BOLOGNA + CITY OF BOLOGNA + FONDAZIONE PER L’INNOVAZIONE URBANA
LEADING PILOT LANDSCAPE: FRINGE AREAS OF BOLOGNA
MULTIPLIER PILOT LANDSCAPE: TORNIO RIVER VALLEY (FI-SE))
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF FINLAND
MULTIPLIER PILOT LANDSCAPE: HÄMEENKYRO CULTURAL LANDSCAPE (FI)
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF FINLAND
MULTIPLIER PILOT LANDSCAPE: TONDER MARSHLANDS (DK)
REGIONAL THIRD PARTY: NATIONAL UNIVERSITY OF IRELAND-GALWAY
MULTIPLIER PILOT LANDSCAPE: BERTRA BEACH DUNE SYSTEM, COUNTY MAYO  (IR)
REGIONAL THIRD PARTY: UNIVERSITY OF PORTO
MULTIPLIER PILOT LANDSCAPE: MOUNT SAINT MICHEL (FR)
REGIONAL THIRD PARTY: ISTITUTO UNIVERSITARIO DI ARCHITETTURA DI VENEZIA
MULTIPLIER PILOT LANDSCAPE: MER DE GLACE AND ALPINE GLACIERS (FR)
MULTIPLIER PILOT LANDSCAPE: TOWN AND VALLEY OF IVREA(IT))
REGIONAL THIRD PARTY: EURODITE_BUCHAREST (RO)
MULTIPLIER PILOT LANDSCAPE: AGRICULTURAL LANDSCAPES IN THE SICILY REGION (IT)
REGIONAL THIRD PARTY: PIANTE FARO
MULTIPLIER PILOT LANDSCAPE: PRIORAT or PENEDES REGION (ES)
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF CATALONIA
MULTIPLIER PILOT LANDSCAPE: VILA DO CONDE COASTAL LANDSCAPE (PT).
REGIONAL THIRD PARTY: UNIVERSITY OF PORTO
MULTIPLIER PILOT LANDSCAPE: TOURISTIC ZONES OF NORTHERN TENERIFE (ES)
REGIONAL THIRD PARTY: LANDSCAPE OBSERVATORY OF CANARIAS
MULTIPLIER PILOT LANDSCAPE: URBAN FRINGE BUCHAREST
REGIONAL THIRD PARTY: EURODITE_BUCHAREST (RO)
WP1: Coordination
• RESPONSIBLE: Aalto University
• TASKS: Coordination, General Dissemination and Web of the Project
• BUDGET: 3,500 € + 25% Co-funded by Aalto University (875 €) = 4,375 €

THIRD PARTIES:
• UNISCAPE (EU)
• CIVILSCAPE (EU)

WP2: Implementation Northern Europe
• RESPONSIBLE: Aalto University
• TASKS: Definition of models and Consortia in the Finnish, Danish (and Swedish) Pilot Landscapes.
• BUDGET: 25,500 € + 25% Co-funded by Aalto University (6,375 €) = 31,875 €

WP3: Implementation Atlantic-Alpine Europe
• RESPONSIBLE: Wageningen University
• TASKS: Definition of models and Consortia in the Dutch, Irish and French Pilot Landscapes.
• BUDGET: 29,500 € + 25% Co-funded by University of Wageningen (7,375 €) = 36,875 €

WP4: Implementation South-Western Europe
• RESPONSIBLE: Polytechnic University of Valencia
• TASKS: Definition of models and Consortia in the Spanish and Portuguese Pilot Landscapes.
• BUDGET: 16,000 € + 25% Co-funded by Polytechnic University of Valencia (4,000 €) = 20,000 €

WP5: Implementation South-Eastern Europe
• RESPONSIBLE: University of Bologna
• TASKS: Definition of models and Consortia in the Italian and Romanian
• BUDGET: 17,500 € + 25% Co-funded by University of Bologna (4,375 €) = 21,875 €

THIRD PARTIES:
- National University of Ireland-Galway (IR)
- Landscape Observatory of the Netherlands (NL)
PILOT LANDSCAPES:
- Leading Pilot Landscape: Pihlamäki District (Helsinki, FI)
- Multiplier Pilot landscapes:
  - TORNIO RIVER VALLEY (FI-SE)
  - HAMARINEN CULTURAL LANDSCAPE (FI)
  - TONDID MARSHLANDS (DK)
BUDGET_2: Collaboration in the Pihlamäki District Pilot Landscape (Helsinki, FI)
• RESPONSIBLE: City of Helsinki
• TASKS: Collaboration in the definition of a Consortium for the Helsinki Pilot Landscape (Pihlamäki District)
• BUDGET: Managed by Aalto University

THIRD PARTIES:
- Landscape Observatory of Finland (FI)
PILOT LANDSCAPES:
- Leading Pilot Landscape: Pihlamäki District (Helsinki, FI)
- Multiplier Pilot landscapes:
  - TORNIO RIVER VALLEY (FI-SE)
  - HAMARINEN CULTURAL LANDSCAPE (FI)
  - TONDID MARSHLANDS (DK)

BUDGET_3: Collaboration in the: Lowland Peat and Polder Landscape of Holland (NL)
• RESPONSIBLE: Province of Zeeland-Holland
• TASKS: Collaboration in the definition of a Consortium for the "Lowland Peat and Polder Landscape of Holland" Pilot Landscape.
• BUDGET: Managed by Wageningen University

THIRD PARTIES:
- National University of Ireland-Galway (IR)
- Landscape Observatory of the Netherlands (NL)
PILOT LANDSCAPES:
- Leading Pilot Landscape: Lowland Peat and Polder Landscape of Holland (NL)
- Multiplier Pilot landscapes:
  - BERTRÁ BEACH DUNE SYSTEM, COUNTY MAYO (IR)
  - MER DE GLACE AND ALPINE GLACIERS (FR)
  - MOUNT SAINT MICHEL (FR)
BUDGET_4: Collaboration in the Huerta de Valencia Pilot Landscape (ES)
• RESPONSIBLE: Las Naves-City of Valencia
• TASKS: Collaboration in the definition of a Consortium for the "Huerta de Valencia Pilot Landscape"
• BUDGET: 4,000 € + 25% Co-funded by Las Naves-City of Valencia (1,000 €) = 5,000 €

THIRD PARTIES:
- Landscape Observatory of Catalonia (ES)
- Landscape Observatory of the Canary Islands (ES)
- University of Porto (PT)
PILOT LANDSCAPES:
- Leading Pilot Landscape: Huerta de Valencia (ES)
- Multiplier Pilot landscapes:
  - PROVAT or PEDRES REGION (ES)
  - TOURISTIC ZONES OF NORTHERN TENERIFE (ES)
  - VILA DO CONDE COASTAL LANDSCAPE (PT)
BUDGET_5: Collaboration in the “Fringe Areas of Bologna” Pilot Landscape (IT)
• RESPONSIBLE: Fondazione per l’Innovazione Urbana
• TASKS: Collaboration in the definition of a Consortium for the “Fringe Areas of Bologna” Pilot Landscape
• BUDGET: 4,000 € + 25% Co-funded by Fondazione per l’Innovazione Urbana (1,000 €) = 5,000 €

THIRD PARTIES:
- UNIVERSITÀ IUAV DI VENEZIA (IUAV) (IT)
- Eurodite (SME) (RO)
- Piante Faro (IT)
PILOT LANDSCAPES:
- Leading Pilot Landscape: Fringe Areas of Bologna (IT)
- Multiplier Pilot landscapes:
  - URBAN FRINGE AREAS OF BUCHAREST (RO)
  - TOWN AND VALLEY OF IVREA (IT)
  - AGRICULTURAL LANDSCAPES IN THE SICILY REGION (IT)
**AELCLIC PATHFINDER METHODS AND SCHEDULE**

**COORDINATION & MANAGEMENT (WP1)**
Management Group (MG): all the partners of the project
Advisory Board (AB): all the third parties

- MG_x: Regular On-line meeting of the MG
- WG_x: Workshop meeting (face to face) of the MG
- AG_x: Milestone On-line meeting of the MG + AB

**IMPLEMENTATION OF THE PROJECT (WP1, 2, 3, 4, 5)**

- PO_x Partial OUTPUT in LEADING PILOT / in MULTIPLIER PILOT
- PD_x Partial DELIVERABLE in LEADING PILOT / in MULTIPLIER PILOT
- FO_y Final OUTPUT
- FD_y Final DELIVERABLE

**PHASE 1: PREPARATION**

**PHASE 2: JOINT WORK OF EACH LOCAL GROUP: DEFINITION OF CLIMATE CHANGE IMPACTS, GOALS, AGENDA, STRUCTURE & RESOURCES FOR A LACAP**

**PHASE 3: REGIONAL/LOCAL OUTPUTS & AGREEMENTS**

**PHASE 4: FINISHING OFF**

**2.2. Climate Change Adaptation:**

- **AG_1** Activation Meeting
- **WG_1** Workshop “How to work with the Regional/local Consortia”
- **AG_2** Presentation of the Regional/local Consortia and their Working Plans
- **AG_3** Initial Outputs of the Work Produced by Each Regional/local Consortia
- **WG_2** Workshop “Middle Review of the Work Developed by the Regional/local Consortia”
- **AG_4** Presentation and Discussion of Pre-final Outputs and Reports

**NOTE:** All the deliverables will be displayed in the web and disseminated by the partners.

**WRITTEN REFERENCES:**
- **FO_x** Final OUTPUT
- **PD_x** Final DELIVERABLE

**PARTIAL OUTPUTS/DELIVERABLES:**
- **(X = 1):** Consortium and Working Plan for each Pilot Landscape
- **(X = 2):** Draft Structure and Implementation Plan for a LACAP (per Consortium & Pilot)
- **(X = 3):** Final Structure and Implementation Plan for a LACAP (per Consortium & Pilot)

**FINAL OUTPUTS/Deliverables:**
- **(Y = 1):** Compilation of Final Partial Outputs / Deliverables produced after the joint and critical analysis of the final results in each Pilot Landscape
- **(Y = 2):** Guidelines for the constitutions of regional/local Consortions
- **(Y = 3):** Climate-KIC REPORTS (Performance report, financial report, etc.)
- **(Y = 4):** Web with all the deliverables

**WEB:**
- By the responsible of WP2, WP3, WP4, WP5, BU2, BU3, BU4, BU5:
  - Self-organization of each team
  - Limits of each pilot landscape
  - Pre-identification of stakeholders for each regional/local consortia

**WEB:**
- PO_1/PD_1 For each Pilot
- PO_2/PD_2 For each Pilot
- PO_3/PD_3 For each Pilot

**WEB:**
- For each Pilot's final outputs and deliverables produced after the joint and critical analysis of the final results in each Pilot Landscape

**WEB:**
- Guidelines for the constitutions of regional/local Consortions

**WEB:**
- Climate-KIC REPORTS (Performance report, financial report, etc.)

**WEB:**
- Self-organization of each team
- Limits of each pilot landscape
- Pre-identification of stakeholders for each regional/local consortia
LOGIC MODEL_AELCLIC PATHFINDER_SCHEDULE FOR THE FINALIZATION OF OUTPUTS AND DELIVERABLES

Kick-off
30 January
28 February
30 March
30 April
30 May
30 June
30 July
30 August
30 September
30 October
30 November
30 December

PHASE 1
PREPARATION

PHASE 2
CREATION OF REGIONAL/LOCAL CONSORTIA AND CO-DEFINITION OF STRUCTURE, METHODS AND RESOURCES FOR THE PRODUCTION OF A LACAP

PHASE 3
FINAL OUTPUTS & DELIVERABLES

INPUTS FOR OUTPUTS AND DELIVERABLES

OUTPUTS AALTO UNIVERSITY
OUT1

DELIVERABLES AALTO UNIVERSITY
DEL9

OUTPUTS WAGENINGEN UNIVERSITY
OUT2

DELIVERABLES WAGENINGEN UNIVERSITY
DEL8

OUTPUTS POLYTECHNIC UNIV VALENCIA
OUT3

DELIVERABLES POLYTECHNIC UNIV VALENCIA
DEL1

OUTPUTS UNIVERSITY OF BOLOGNA
OUT4

DELIVERABLES UNIVERSITY OF BOLOGNA
DEL11

OUT1
OUTPUTS CONSORTIUMS AND WORKING PLANS FOR EACH PILOT LANDSCAPE IN NORTHERN EUROPE

OUT2
OUTPUTS CONSORTIUMS AND WORKING PLANS FOR EACH PILOT LANDSCAPE IN ATLANTIC AND ALPINE EUROPE

OUT3
OUTPUTS CONSORTIUMS AND WORKING PLANS FOR EACH PILOT LANDSCAPE IN SOUTH-WESTERN EUROPE

OUT4
OUTPUTS CONSORTIUMS AND WORKING PLANS FOR EACH PILOT LANDSCAPE IN SOUTH-EASTERN EUROPE

OUT5
OUTPUTS DRAFT STRUCTURE AND IMPLEMENTATION PLAN FOR A FUTURE LACAP (PER CONSORITIUM & PILOT) IN NORTHERN EUROPE

OUT6
OUTPUTS DRAFT STRUCTURE AND IMPLEMENTATION PLAN FOR A LACAP (PER CONSORITIUM & PILOT) IN ATLANTIC AND ALPINE EUROPE

OUT7
OUTPUTS DRAFT STRUCTURE AND IMPLEMENTATION PLAN FOR A FUTURE LACAP (PER CONSORITIUM & PILOT) IN SOUTH-WESTERN EUROPE

OUT8
OUTPUTS DRAFT STRUCTURE AND IMPLEMENTATION PLAN FOR FUTURE LACAP (PER CONSORITIUM & PILOT LANDSCAPE) IN SOUTH-EASTERN EUROPE

OUT9
OUTPUTS FINAL STRUCTURE AND IMPLEMENTATION PLAN FOR A FUTURE LACAP (PER CONSORITIUM & PILOT LANDSCAPE) IN NORTHERN EUROPE

OUT10
OUTPUTS FINAL STRUCTURE AND IMPLEMENTATION PLAN FOR A LACAP (PER CONSORITIUM & PILOT LANDSCAPE) IN ATLANTIC AND ALPINE EUROPE

OUT11
OUTPUTS FINAL STRUCTURE AND IMPLEMENTATION PLAN FOR A FUTURE LACAP (PER CONSORITIUM & PILOT LANDSCAPE) IN SOUTH-WESTERN EUROPE

OUT12
OUTPUTS FINAL STRUCTURE AND IMPLEMENTATION PLAN FOR A LACAP (PER CONSORITIUM & PILOT LANDSCAPE) IN SOUTH-EASTERN EUROPE

OUT13
OUTPUTS COMPILED OF FINAL PARTIAL OUTPUTS OUT1-OUT12

OUT14
OUTPUTS NEW FINDINGS PRODUCED AFTER THE JOINT AND CRITICAL ANALYSIS OF THE FINAL RESULTS IN EACH PILOT LANDSCAPE AND IN THE WHOLE NETWORK

OUT15
OUTPUTS DECIMAL GUIDELINES FOR THE CONSTITUTIONS OF REGIONAL/LOCAL CONSORTIUMS FOR THE DEFINITION OF LANDSCAPE CLIMATE CHANGE ADAPTATION PLANS

DEL1
OUTPUTS EDITED AND IMPROVED COMPILED OF PARTIAL OUTPUTS FROM THE DIFFERENT GEOGRAPHICAL ZONES (OUT1, 2, 3 AND 4)

DEL2
OUTPUTS EDITED AND IMPROVED COMPILED OF PARTIAL OUTPUTS FROM THE DIFFERENT GEOGRAPHICAL ZONES (OUT5, 6, 7 AND 8)

DEL3
OUTPUTS EDITED AND IMPROVED COMPILED OF PARTIAL OUTPUTS FROM THE DIFFERENT GEOGRAPHICAL ZONES (OUT9, 10, 11 AND 12)

DEL4
OUTPUTS EDITED AND IMPROVED COMPILED OF FINAL PARTIAL DELIVERABLES (DEL1+DEL2+DEL3)

DEL5
OUTPUTS EDITED AND IMPROVED PRESENTATION OF THE NEW FINDINGS PRODUCED AFTER THE JOINT AND CRITICAL ANALYSIS OF THE FINAL RESULTS IN EACH PILOT LANDSCAPE AND IN THE WHOLE NETWORK

DEL6
OUTPUTS FINAL GUIDELINES FOR THE CONSTITUTIONS OF REGIONAL/LOCAL CONSORTIUMS FOR THE DEFINITION OF LANDSCAPE CLIMATE CHANGE ADAPTATION PLANS

DEL7
OUTPUTS CLIMATE-KIC REPORTS (PERFORMANCE REPORT, FINANCIAL REPORT, ETC.)

DEL8
OUTPUTS WEB WITH ALL THE DELIVERABLES

DEL9
OUTPUTS SCIENTIFIC ARTICLE OR CONFERENCE PAPER: IDENTIFYING AND ALIGNING AGENDAS FOR MULTI-STAKEHOLDER CONSORTIA ON CLIMATE CHANGE ADAPTATION & MITIGATION

DEL10
OUTPUTS SCIENTIFIC ARTICLE OR CONFERENCE PAPER: SETTING MULTI-STAKEHOLDER CONSORTIA ON CLIMATE CHANGE ADAPTATION & MITIGATION: MODELS FROM THE AELCLIC PROJECT

DEL11
OUTPUTS SIGNED AGREEMENTS FOR A JOINT COMMITMENT OF PARTNERS IN THE ESTABLISHED LOCAL CONSORTIA
**GOAL:** “Climate Change adaptation-mitigation requires collective and coordinated actions of all the actors living, managing and producing in a given landscape. One of the main barriers hindering the definition and implementation of those actions is the lack of information and the difficulties to scale down general policies or strategies and to scale up and achieve synergies in grassroots initiatives”

**BUSINESS MODEL CANVAS_AELCLIC-PATHFINDER**

**Product/Service: LOCAL CONSORTIA FOR THE PREPARATION OF LANDSCAPE ADAPTATION PLANS TO CLIMATE CHANGE**

**CONSORTIA:**
- Members of the Regional/Local
- Regional/local Facilitators in the conformation of the Regional/Local Consortia
- New third parties that could emerge during the project

**MEMBERS OF THE REGIONAL/LOCAL CONSORTIA:**
- Regional/local Administrations
- Regional/local Economic Actors
- Regional/local Civil Society Groups
- Regional/local Academic and Research Partners

**KEY RESOURCES**

**ECONOMIC, HUMAN RESOURCES AND LOGISTIC:**
1) EITs, Climate-KIC Funding (75%)
2) Co-funding from AELCLIC Partners (25%)
3) Free Logistic Collaboration From:
   - Local Partners
   - Third Parties

**DISSEMINATION:** Dissemination and Social Media tools of the Project and of the Partners and Third Parties

**KEY ACTIVITIES**

1) Identification and Enrollment of Key Local Partners in a Local Consortium
2) Joint Work in the Consortium (Local Seminars Meetings, Workshops, Fieldwork):
   - Assessment of Climate Change Impacts per Stakeholder/Group
   - Co-definition of Goals, Aendas, Structure & Resources for a LACAP (Landscape Adaptation Plan to Climate Change)
3) Special Agreement in Each Consortium to Develop a LACAP

**VALUE PROPOSITIONS**

The definition of local Consortia integrated by economic agents, social actors, administrations and researchers will facilitate the assessment of the effects of climate change and the subsequent co-definition of agreed local policies, strategies and actions (Landscape Adaptation Plans or LACAPs)

**MAIN VALUES:**
- Economic: adaptation of economic processes to new climate conditions, minimization of losses and exploration of new markets (farming, forestry, etc)
- Socio-Cultural: preservation and adaptation of socio-cultural values of local landscapes / identification of new opportunities
- Environmental: preservation and adaptation of environmental values of local landscapes

**RELATIONSHIPS**

The different types of users (Customer segments) included in each consortium will be linked by multiple economic, legal, social and personal bonds.

These bonds will be analyzed and strengthened during the joint work in each Consortium

**CHANNELS**

**WEBs of the project and partners, Seminars, Workshops and On-line meetings**

**SOCIAL MEDIA:**
- Facebook, Instagram, Twitter

**ACADEMIC AND RESEARCH EVENTS/SUPPORTs:**
- Research Conferences and Symposia
- Academic courses in the partner universities
- Scientific, professional and popular journals

**COST STRUCTURE**

**TOTAL COSTS:** 125,000 € (100,000€ provided by EIT-Climate-KIC and 25,000€ by the Partners of the Project)

- Personnel (60%)
- Travel and subsistence costs (20%): For attending management and methodological meetings of the whole project and for developing activities in the selected Pilot Landscapes
- Goods and external services for key activities (20%): For organizing the activities planned in the selected Pilot Landscapes and for the Dissemination of the Deliverables

**FUTURE PROJECTS FOR THE DEVELOPMENT OF LACAPs by the GENERATED CONSORTIA:**
- Externally funded (EU, National or regional programmes): 50%
- Internally funded by the members of each consortium: 50%

**CUSTOMER SEGMENTS**

- Regional/local administration
- Businesses connected with local economic processes:
  - Agriculture and farming
  - Forestry
  - Industry
  - Services and recreation
  - Logistics
  - Infrastructures and energy
  - Construction
  - Technology
  - Land owners
  - Land users
  - Civil society

**REVENUE STRUCTURE**

This project is aimed at producing Landscape Adaptation Plans whose revenue could be indirectly evaluated in terms of savings and benefits provided by the intended adaptation. The co-funding provided by the partners could be seen as both an indicator of an existing demand and as indirect revenue of the project

**IMMEDIATE REVENUES OF THE AELCLIC PATHFINDER PROJECT:**
- Local Consortia for the future development of Landscape Adaptation Plans or LACAPs
- Models and Guidelines for the conformation of regional/models in other European regions (transferability and scalability)

**FUTURE REVENUES:**
- Development of LACAPs in the areas where CONSORTIA have been created as a result of the AELCLIC-Pathfinder
- Development of Consortia and LACAPs in other regions
4.4. MAISEMASYMPOSIIUM V
4.4. MAISEMASYMPOSIUM V (LANDSCAPE SYMPOSIUM V)

The Ministry of the Environment (19.10.2018, Säätytalo, Helsinki) organized the Landscape Symposium V (MAISEMASYMPOSIUM V). In this occasion, one of the central topics was the Landscape Observatory of Finland, that contributed with the following presentations:

- Suomen maisemaobservatorio: mikä, mitä ja missä?; (Kaisa Raatikainen, Turun yliopisto)
- Diagnosis of the level of Implementation of the European Landscape Convention in Finland; (Juanjo Galan, Aalto-University)
- Urbaani luonto, osa maisemaa ja maisemansuojelua; (Ranja Hautamäki, Aalto-yliopisto)
- Maiseman hallinnoinnista maiseman vastuulliseen hoitoon; (Hannu Linkola, Turun yliopisto)
- Keskustelua ja yhteenveto; ympäristöneuvos (Tapio Heikkilä, YM)
Ympäristöministeriö kutsuu teidät Maisemasymposiumiin.

Tässä jo viidettä kertaa järjestettävässä valtakunnallisessa tilaisuudessa luodaan näkökulmia Eurooppalaisen maisemayleissopimuksen toteutumiseen Suomessa.


**Ohjelma**

**Osa I Suomen parhaat maisemahankkeet 2018**

9:00 Aamukahvin aika

9:30 Tervetuloa; ympäristöneuvos Tapio Heikkilä, ympäristöministeriö

9:40 Ehdokkaiden esittely

10.00 Suomen paras maisemahanke; ympäristöministeri Kimmo Tillikainen

10.45 Palkitut hankkeet esittäytyvät

**Osa II Suomen Maisemaobservatorio**

11.00 Suomen maisemaobservatorio: mikä, mitä ja missä?; FT Kaisa Raatikainen, Turun yliopisto

11.30 Lounas

12.30 Diagnosis of the level of Implementation of the European Landscape Convention in Finland; associate professor Juanjo Galan, Aalto-University

13:00 Urbaani luonto, osa maisemaa ja maisemansuojelua; professori Ranja Hautamäki, Aalto-yliopisto

13:30 Maiseman hallinnoinnista maiseman vastuulliseen hoitoon; FT Hannu Linkola, Turun yliopisto

14:00 Keskustelua ja yhteenveto; ympäristöneuvos Tapio Heikkilä, YM

14.30 Tilaisuus päättyy

***************

Säätytalo, Sali 15, Snellmaninkatu 9-11, Helsinki.

Maisemasymposium on kaikille avoin tilaisuus, mutta Säätytalon turvakäytäntöjen takia ajoissa ennakko ilmoittautuminen on välttämätöntä. Ilmoittautumiset 15.10.2018 mennessä:
Suomen maisemaobservatorio
mikä, mitä ja missä?

Kaisa Raatikainen
Maisemasympoosium V
19.10.2018 Säätytalo
Mikä?
…Taustaa

• Eurooppalainen maisemayleissopimus
  • tiedon lisääminen **maisemien arvosta, merkityksestä ja muuttumisesta**
  • eurooppalainen **maisemayhteistyö**

• **Maisemaobservatorio on taho, joka seuraa maiseman muutosta**
  • Kansallinen, alueellinen tai paikallinen organisaatio
  • Ei välittämättä tiettyyn paikkaan sidottu
Mikä?

…Taustaa

- Maisemaobservatoriot **keräävät ja vaihtavat tietoa** maisemista eri puolilla Eurooppaa
  - Alankomaat, Belgia, Englanti, Espanja, Italia, Kypros, Kreikka, Portugali, Ranska, Ruotsi, Sveitsi…
- Maiseman tilaan ja muutokseen liittyvää tietoa käytetään apuna kansallisessa ja kansainvälisessä maisemapoliittisessa toiminnassa
  - maisemansuojelu, -hoito ja -suunnittelu
Suomen maisemaobservatorio = Landscape Observatory of Finland (LoF)

- Is it possible to get the logo as an editable version from Juanjo? → translate the terms into Finnish?
- Perustettu vuoden 2016 lopussa
Mikä?

...Asiantuntijoiden verkosto

Aalto-yliopisto
Turun yliopisto
University of Turku
Jyväskylän yliopisto
University of Jyväskylä
Luke

Ympäristöministeriö
Ministry of the Environment

Museovirasto

Kulttuuriympäristötutkimuksen seura

Suomen maisema-arkkitehtiliitto ry
Mikä?

...Asiantuntijoiden verkosto
Mitä?

...Tavoitteet

- Observatorio edistää maisemaan liittyvää tutkimusta, keskustelua, osallistumista ja toimintaa
- Tavoitteena avoin ja kokonaisvaltainen käsitys maisemasta
- Sidosryhmien ja yhteistyötahojen tukeminen maisemien suunnittelussa ja hoidossa
- Tiedon tuottaminen maisemapoliittisten käytäntöjen taustaksi
Mitä? ...

*Tutkimus*

- Kaupungistuminen, ilmastonmuutos, maaseudun autioituminen, metsätalous, yhteiskunnan kehittyminen ja kestävä luonnonvarojen käyttö maiseman näkökulmasta
  - Muutos, kestävyys, maisema
- Valmistelussa mm. *Suomen maisemapiirteiden alueellinen arviointi ja osallistumisen mekanismien* tarkastelu sekä *Suomen maisemavision* laatiminen
Mitä?

...Suomen maisemavisio

• Suomen maisemavisio XXI avaa maisemakäsitettä
• Ottaa kantaa suomalaisen maiseman erityispiirteisiin ja tulevaisuuden haasteisiin
• Tarjoaa kansalaisille laajan mahdollisuuuden osallistua vision tuottamiseen
Mitä?

...Yhteistyö ja osallistaminen

- Mitä hyötyä kuulijoille?
- Mitä toiveita observatorion suhteen?
Missä?

…Kaikkialla!
Missä?
...Kaikkialla!
Diagnosis of the level of Implementation of the European Landscape Convention in Finland (2017)

Landscape Observatory of Finland (Annual Report 2017)
Juanjo Galan (Chair Landscape Observatory of Finland)
AFTER ITS OFFICIAL CONSTITUTION IN DECEMBER 2016, THE LANDSCAPE OBSERVATORY OF FINLAND HAS BEEN OPERATING IN DIVERSE WAYS TO SUPPORT THE IMPLEMENTATION OF THE EUROPEAN LANDSCAPE CONVENTION IN FINLAND.

THE OBSERVATORY PROMOTES RESEARCH, DISCUSSION, PARTICIPATION AND ACTIONS ON LANDSCAPE ISSUES. A CENTRAL PRINCIPLE IS THAT ANY FINNISH TERRITORY, RURAL OR URBAN, LOCAL OR REGIONAL, WHETHER OUTSTANDING, ORDINARY OR DAMAGED, HAS AN ASSOCIATED LANDSCAPE THAT DESERVES STUDY, MANAGEMENT AND PLANNING. FURTHERMORE, THOSE LANDSCAPES CAN BECOME ASSETS FOR FUTURE SUSTAINABLE DEVELOPMENT AND WELLBEING.
Meetings of the Steering Group Implementation of the ACTION PLAN_2017

2016

18.3.2016
International seminar “Landscapes Observatories”
Landscapes of Finland_platform

15.12.2016
Official establishment of the Consortium for the Landscape Observatory of Finland

2017

12.2017
Diagnosis of the level of Implementation of the European Landscape Convention in Finland (2017)

Implementation of the ACTION PLAN_2018

2018
Seminar EUROPEAN LANDSCAPE OBSERVATORIES (Aalto University + Ministry of Environment)

Civilscape and some practical examples for setting up Landscape Observatories in Europe

Benedetta Castiglioni
geographer, University of Padua (Italy)

The local Landscape Observatory of Canale di Brenta (Northeast Italy): lessons learned

Landscape Observatories in Europe – a matter of participatory democracy

Benoit Padois (Vrije University), director LANDISCAPE
SUMMARY DIAGNOSIS level of implementation of the ELC in Finland (2017):

• Excellent initiatives regarding valuable rural landscapes + Promising collage of academic, governmental and social organizations working complementarily in these areas.

• Gaps in other geographical scopes like urban, periurban, industrial or highly mixed areas.

• Gaps in Landscape Policies and Landscape quality objectives supporting land use, spatial or sectoral planning.

• Landscape is still mainly understood as an aesthetic and rural quality

• Increasing lack of confidence in planning and in the development of sustainable landscape policies and practices.
GOALS for the future implementation of the ELC in Finland (2017):

• Co-define and disseminate a more open and holistic understanding of the landscape concept in Finland

• Explore new and effective ways to integrate landscape in planning and decision making processes.

• Link the landscape with other strategic Finnish Agendas (at national/regional/local level)

• Collaborate with other European/Nordic Landscape Observatories and with UNISCAPE / CIVILSCAPE

• Develop a Finland 100+ Landscape Strategy. The document would advance in the implementation of the ELC in Finland by considering its specific cultural, biophysical, social and historical characteristics as well as its current challenges.
Defining our ACTION PLAN 2018
### Projects Scores

<table>
<thead>
<tr>
<th>Projects</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Landscape Characterization of Finland</td>
<td>45</td>
</tr>
<tr>
<td>Participatory Governance in Landscape Conservation</td>
<td>42</td>
</tr>
<tr>
<td>Climate Change and Its Effect on Finnish Landscapes</td>
<td>41</td>
</tr>
<tr>
<td>Landscape Sustainability and Sustainable Communities</td>
<td>40</td>
</tr>
<tr>
<td>Landscape Indicators and Monitoring</td>
<td>39</td>
</tr>
<tr>
<td>Finnish Urban Landscapes</td>
<td>38</td>
</tr>
<tr>
<td>Landscape, People, Governance &amp; Politics</td>
<td>36</td>
</tr>
<tr>
<td>An International Project with Other Landscape Observatories</td>
<td>36</td>
</tr>
<tr>
<td>A National/Regional/Local Landscape Policy and Strategy</td>
<td>35</td>
</tr>
<tr>
<td>Landscape Services</td>
<td>35</td>
</tr>
<tr>
<td>Landscape Quality Objectives</td>
<td>31</td>
</tr>
<tr>
<td>A Finnish Landscape Laboratory</td>
<td>31</td>
</tr>
<tr>
<td>Landscape and Nature Based Solutions</td>
<td>30</td>
</tr>
<tr>
<td>Rural Finnish Landscapes</td>
<td>29</td>
</tr>
<tr>
<td>Didactic Materials about Finnish Landscapes</td>
<td>24</td>
</tr>
</tbody>
</table>
Diagnosis of the level of Implementation of the European Landscape Convention in Finland

Landscape Observatory of Finland_Annual Report 2017 (Juanjo Galan, Aalto University)

MAISEMASYMPOSIUM V – 19.10.2018, Säätytalo, Helsinki
CLIMATE CHANGE AND FINNISH LANDSCAPES

AELCLIC PROJECT (EIT_Climate-KIC)
FINLAND 100+ TOWARDS SUSTAINABLE LANDSCAPES

SUSTAINABLE TRANSITIONS
- Sustainable Development of Finland (The Finland We Want by 2050)
- UN Sustainable Development Goals

LANDSCAPE TRANSITIONS
- European Landscape Convention
- Finnish Strategy for Cultural Environments
New LANDSCAPE CHARACTERIZATION OF FINLAND
An INTEGRATIVE PROJECT/TOOL for the SUSTAINABLE EVOLUTION OF FINLAND

POST EUROPEAN LANDSCAPE CONVENTION

Some results
- Nationally Valuable Landscape Areas: 156 -> 183
- New areas: 59
- Rejected areas: 11
- Many re-demarcations
- New areas in Northern Lapland ("Sami landscapes"); large marine areas; some minor themes

Basic facts and statements (Dr. Hannu Linkola):
- Traditional landscapes of rural livelihoods. Secures the values of "cultural environments".
- National Land Use Guidelines -> background material for regional and local planning and for funding systems
- Report made by experts, scarcely interaction with citizens
- Serves as a ground for regional identities and brands.
- Seen as a threat to agriculture and forestry, "stops the development" and to the planning autonomy of municipalities and regions
New LANDSCAPE CHARACTERIZATION OF FINLAND
An INTEGRATIVE PROJECT/TOOL for the SUSTAINABLE EVOLUTION OF FINLAND

AGENDAS
FUNCTIONS & USES
METHODOLOGIES
Participation

GOALS

Agendas EUROPEAN LANDSCAPE CONVENTION (2000)
- Sustainable Development
- Role of the landscape in the cultural, ecological, environmental and social fields, and resource favorable to economic activity
- Formation of Local cultures and consolidation of the European Identity
- Quality of life for people everywhere
- Landscape PROTECTION, MANAGEMENT AND PLANNING entail rights and responsibilities for everyone

Post-2000 AGENDAS: Climate Change, Globalization, Migration, Democracy and Populisms, etc...

FINNISH Agendas: Urbanization, Climate Change, Depopulation of rural areas, Intensified forestry, Governance, Socio-cultural dimension of the landscape, etc...
Diagnosis of the level of Implementation of the European Landscape Convention in Finland
Landscape Observatory of Finland_Annual Report 2017 (Juanjo Galan, Aalto University)
MAISEMASYMPOSIUM V – 19.10.2018, Säätytalo, Helsinki

RESEARCH AND EDUCATION

GIS_Landscape Characterization of the Uusimaa Region

Aalto University
School of Arts, Design and Architecture
The scope of traditional landscape characterization methods is limited to the non-urban realm. While the European Landscape Convention has broadened the concept of landscape character to include built components in the landscape definition, methodologies to characterize such in-between landscapes are scarce.

The objective of the studio course was to maximize the use of GIS software in the definition of landscape units, character areas, regional networks and to explore existing or new methods for Landscape Characterization.

The Uusimaa region located on the south coast of Finland is home to around 1.6 million inhabitants – 30 percent of the country's total population. It also contains the only metropolitan area in Finland. The methodological approach developed particularly for this project involved identifying territories within the Uusimaa region where urban and rural areas merge, forming so-called 'hybrid' landscapes that currently fall outside the scope of characterization methods. In order to identify the landscape character areas, both quantitative and qualitative methods were used.
5. ACTION & RESEARCH PLAN 2019
5. **ACTION & RESEARCH PLAN 2019**

The Action & Research Plan of the Landscape Observatory of Finland for the year 2019 was structured according to the activities proposed by each member and was informed by the ranking of priority topics identified in 2018. The Action Plan 2019 was voted and unanimously approved in the meeting of the Steering Group that took place on the 14th of December 2018.

The Plan includes the following actions by the members of the Landscape Observatory of Finland.

**MINISTRY OF THE ENVIRONMENT:**

- The Ministry of the Environment will continue working in the follow up of ordinary and everyday landscapes (e.g. through Instagram and other photography based media)
- Finland will have a central role in the European Union (presidency between May 2019 and December 2019) and in the Council of Europe (Presidency November 2018-May 2019). This provides an exceptional opportunity to share the positive actions developed in Finland in the framework of the ELC and to contribute to the European discussion with new and relevant insights into the Convention and its implementation. The following ideas could promote actions of the Ministry of Environment and the Landscape Observatory of Finland in 2019:
  - The landscape could be connected with the 3 central mottos of the Council of Europe (Rule of Law, Democracy and Human Rights)
  - The incorporation of MTK and VYL expands the capacity of the Landscape Observatory to deal with topics of general European interest (e.g. landscape management, sustainable production, etc.)
  - Finland has not organized yet a ELC-Workshop. This kind of events last for 2-3 days and have a substantial cost (e.g. 100,000 €). A potential topic for the ELC-Workshop in Finland in 2021 or 2022 could be “Sustainable Landscapes”, with a special emphasis in Sustainable Productive landscapes (e.g. agricultural, forests, touristic, etc.). The ideas from the ARGUMENTA application developed by the Observatory in 2018 and the increasing social/economic and academic capacity of the Landscape Observatory could be valuable assets in this endeavor.

**FINISH HERITAGE AGENCY (FHA):**

- FHA will continue working in the List/Inventory of Archeological Sites of Finland. This work is expected to inform the definition of National Land-Use Goals and policies
- FHA will define an internal network of researchers on the field of Cultural Environments. They will not concentrate in basic research but in policies that might be
relevant for the activity of the Agency. In addition, this internal network will also facilitate the collaboration of the FHA in the research activities promoted by the LoF.

- FHA is planning to organize a set of Open Public Lectures. “Sustainability & Landscapes” might be one of the central topics for the lectures

SYKE:

- SYKE will continue its collaboration with the Ministry of Environment in the inventory of valuable landscapes of Finland (a 5 years project) and might organize a seminar in the future

UNIVERSITY of TURKU:

- UTU will concentrate in research activities and will work in the preparation of an application for the Academy of Finland on the topic of “New Landscape Characterization of Finland”.

AALTO UNIVERSITY:

- Aalto will work in: CLIMATE-KIC project (if the AELCLIC_pathfinder application is successful), in the webpage of the Landscape Observatory, in the study of Landscape dynamics in trans-frontier landscapes (Karelia) and in the UTU will in the preparation of an application for the Academy of Finland on the topic of “New Landscape Characterization of Finland”.

VIHERYMPÄRISTÖLIITTO:

- Viherympäristöliitto will work in the preparation of the EU_European Year of Greener Cities 2020 (The Finnish national Vihervuosli (Green Year) has been celebrated after the first Vihervuosli at 1985 every 5 years and has included different types of activities (seminars, conferences, etc.) The Finnish Green Year has been a model for the initiative of the European thematic year in 2020. In particular, Viherympäristöliitto is interested in working on the “Improvement of the quality of green infrastructure of urban environments”, especially in areas that were created following the rapid urbanization of Finland and the high demand of housing during the sixties and seventies.

- In 2020 Finland will have a key role in the celebration of the European Year of Greener Cities and Viherympäristöliitto will use the year 2019 to start preparing the opening event in 2020.

- The European network ELCA (European Landscape Contractors Association http://elca.info/welcome/) has an office in Brussels and shall coordinate the preparation of the European Year of Greener Cities 2020
Viherympäristöliitto supports the idea of using the landscape concept as a transversal tool to deal with complex spatial multidisciplinary issues.

**MARK:**
- MARK has recently decided to start developing a set of Finnish Landscape Architecture Guidelines or Policies which will respond to different frameworks (ELC, Finnish National Strategies, etc.)
- MARK will keep the LoF informed of the development of their work. The LoF is fully available to support and participate in the development of this work.

This list of actions might be modified and extended as part of the activity of the Steering Group and its members during the year 2019.
6. MINUTES OF MEETINGS of the STEERING GROUP _2018