



Circular models Leveraging Investments
in Cultural heritage adaptive reuse



D6.11

Conference set of
documents/video #2



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Abstract

The deliverable D6.11 *Conference set of documents/video #2* falls within the project work package dedicated to *Dissemination, Exploitation and Communication* (WP6) and, precisely, within the Task 6.3, *Implementation of communication and dissemination activities envisaged* (M1-M36).

This report provides a collection of material and video related to the events organized and attended by CLIC Consortium representatives for dissemination purposes to present project activities and share the main findings from January 2019 to January 2020 (M14 - M26).

The events referred to in the present deliverable include national and international conferences; networking events promoted by the European Commission; round tables, expert groups and workshops to create operational synergies with other EU research and innovation funded projects focusing on cultural heritage adaptive reuse / conservation and circular economy implementation.

Partners involved in the document

Participant No	Participant organisation name	Short Name	Check if involved
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4	UNIVERSITY COLLEGE LONDON	UCL	X
5	TECHNISCHE UNIVERSITEIT EINDHOVEN	TU/e	X
6	UNIVERSITY OF PORTSMOUTH HIGHER EDUCATION CORPORATION	UOP	X
7	UNIVERZA V NOVI GORICI	ETCAEH-UNG ¹	X
8	WIRTSCHAFTSUNIVERSITAT WIEN	WU	X
9	UNIwersytet Warszawski	UNIWARSAW	X
10	ICLEI EUROPEAN SECRETARIAT GMBH	ICLEI	X
11	FACILITYLIVE OPCO SRL	FacilityLive	
12	VASTRA GOTALANDS LANS LANDSTING	VGR	X
13	GRAD RIJEKA-GRADSKO VIJECE	RIJ	X
14	COMUNE DI SALERNO	SA	X
15	STICHTING PAKHUIS DE ZWIJGER	PAK	X

¹ This Partner has required the change of the short name of the organization from ETCAEH to UNG. This request has been included in the amendment which is currently being submitted.

Table of Contents

1	Description of the Project.....	1
1.1	CLIC Specific objectives	2
2	Introduction	4
2.1	Document structure.....	5
3	CLIC second series of events scheduled in the Workplan.....	6
3.1	Historic Urban Landscape workshops (HUL)	6
3.1.1	HUL Workshop #3 (Rijeka, 28 March 2019).....	6
3.1.2	HUL Workshop #4 (Västra Götaland Region, 12 September 2019).....	8
3.2	Laboratories of Transdisciplinarity (LabT)	9
3.2.1	LabT #2 (London, 7 - 8 February 2019)	9
3.2.2	LabT #3 (Brussels, 21-22 November 2019)	10
3.2.3	LabT #4 (Naples, 14 - 16 January 2020).....	11
3.3	Heritage Innovation Partnerships Meeting (HIPs).....	12
3.3.1	HIP #2 in Västra Götaland Region (Forsvik and Strömsfors, 30 - 31 January 2019) 12	
3.3.2	HIP #2 at Pakhuis de Zwijger Foundation (Amsterdam, 4 February 2019).....	13
3.3.3	HIP #2 in Salerno (27 February 2019)	13
3.3.4	HIP #2 in Rijeka (1 and 18 March 2019)	13
3.3.5	HIP #3 in Västra Götaland Region (15 May 2019).....	14
3.3.6	HIP #3 in Rijeka (18 June 2019).....	14
3.3.7	HIP #3 in Salerno (19 June 2019)	15
3.3.8	HIP #3 at Pakhuis de Zwijger Foundation (Amsterdam, 4 July and 4 November 2019) 16	
3.3.9	HIP #4 in Rijeka (9 July 2019)	16
3.3.10	HIP #4 in Salerno (29 November and 2 December 2019)	16
3.4	Peer Review Meetings (PR)	17
3.4.1	PR #2 in Rijeka (29 March 2019)	17
3.4.2	PR #2 in Västra Götaland Region (11-12 September 2019)	18
3.5	CLIC International Mid-term Conference “Heritage Adaptive Reuse and Circular Economy” (Rijeka, 27 - 28 March 2019)	19
3.6	Stakeholder Dialogue Breakfast - Second Meeting of the Taskforce on “Circular Models for Cultural Heritage Adaptive Reuse in Cities and Regions (Brussels, 21 November 2019).....	20
4	CLIC second series of events not scheduled in the Workplan	20
4.1	Participation of CLIC project to the IV World Congress Terraced Landscapes ITLA “Re- enchancing Terraces” (Canary Islands, 14 March 2019).....	20

4.2	Participation of CLIC project to “EU Research and Innovation for Cities of the Future” (Brussels, 21 March 2019).....	21
	On 21st March, CLIC took part in the event “EU Research and Innovation for Cities of the Future”, jointly organized by the URBAN Intergroup of the European Parliament with the European Commission, DG-RTD.	21
4.3	Participation of CLIC project to the 89th EWG-MCDA EURO Working Group on Multicriteria Decision Aiding (Trento, 11 - 13 April 2019).....	21
4.4	Participation of CLIC project to the 18th Annual STS Conference Graz 2019 “Critical Issues in Science, Technology and Society Studies” (Graz, 6 May 2019)	21
4.5	Participation of CLIC project to the 17th Swiss Operation Research Days (Lausanne, 6 - 7 June 2019).....	22
4.6	Participation of CLIC project to “Placemaking Week Europe 2019” (Valencia, 13 June 2019)	22
4.7	Participation of CLIC project to the 25th International Conference on Multiple Criteria Decision Making - “MCDM beyond the Information Age” (Istanbul, 16-21 June 2019)	23
4.8	Participation of CLIC project to the 15th Research & Innovation Conference (Portsmouth, 17 June 2019).....	23
4.9	Participation of CLIC project to the “Urbanism and Urban Architecture final annual event” (Eindhoven, 5 July 2019)	24
4.10	Participation of CLIC project to the workshop “Making Meaning of Places: Innovative Technologies, Community and Heritage” (Portsmouth, UK, 8-9 July 2019).....	24
4.11	Participation of CLIC project to the 59th ERSA Conference “Cities, regions and digital transformations: opportunities, risks and challenges” (Lyon, 27 - 30 August 2019).....	25
4.12	Participation of CLIC project to the Open Living Lab Days “Co-creating innovation: scaling up from Local to Global” (Thessaloniki, 3rd - 5th September 2019).....	25
4.13	Participation of CLIC project to the 17th International Society for Quality-of-Life Studies (ISQOLS) Conference (Granada, 5 September 2019).....	26
4.14	Participation of CLIC project to the workshop “The adaptive reuse of our built heritage for a greener Europe” within the European Week of Regions and Cities” (Brussels, 9 October 2019)	26
4.15	Participation of CLIC project to the workshop “Smart Specialisation and the Heritage City” within the European Week of Regions and Cities” (Brussels, 9 October 2019).....	27
4.16	Participation of CLIC project to the 19th European Roundtable for Sustainable Consumption and Production (ERSCP) “Circular Europe for Sustainability: Design, Production and Consumption (Barcelona, 16- 17 October 2019).....	27
4.17	Participation of CLIC project to the First Meeting of the European Commission Expert Group on Cultural Heritage (Brussels, 15 - 16 October 2019)	28
4.18	Participation of CLIC project to the International Conference “Riuso Adattivo e Gestione Integrata del Patrimonio Culturale Religioso Dismesso” (Naples, 7 November 2019) .	28
4.19	Participation of CLIC project to the ILUCIDARE Playground “Cracking the future of heritage” (Brussels, 20 November 2019).....	29



4.20	Participation of CLIC project to the international LDE-Heritage Conference “Heritage and the Sustainable Development Goals” (Delft, 26 and 29 November 2019).....	29
4.21	Participation of CLIC project to the UN Climate Change Conference (Madrid, 10 December 2019).....	30
4.22	Participation of CLIC project to the Ce.S.E.T. Conference “Sviluppo sostenibile, economia circolare. Processi e metodi di valutazione (Naples, 12-13 December 2019)	31
4.23	CLIC Heritage Walk “RE.LIGHT Salerno: Patrimonio culturale in luce” (Salerno, 3 January 2020).....	31
5	CLIC Salerno Stakeholders’ Permanent Lab	32
6	Acronyms	33



Figures Summary

Figure 1 - Peer Review Meetings Plan17

1 Description of the Project

The overarching goal of CLIC trans-disciplinary research project is to identify evaluation tools to test, implement, validate and share innovative "circular" financing, business and governance models for systemic adaptive reuse of cultural heritage and landscape, demonstrating the economic, social, environmental convenience, in terms of long lasting economic, cultural and environmental wealth.

The characteristics of cultural heritage and landscape pose significant challenges for its governance. Cultural heritage is a "common good", which enjoyment cannot be denied to citizens, although many buildings and landscape structures are privately owned. Furthermore, the large economic resources needed for recovery and maintenance of heritage goods are rarely available to the private owner, often charged of the additional cost of non-use due to limited degree of transformation allowed. The existing governance arrangements currently involve limited stakeholders concerning for the historic, aesthetic or religious sociocultural values, severely restricting the use of the heritage properties, and charge the central government of conservation costs. The approach of regulatory and planning tools throughout European countries has been to preserve cultural heritage by preventing transformation of buildings or areas having historic-cultural significance.

"The current monument-based, full protection, and government-financed approach that restricts the use of protected properties and relies almost entirely on public funds is incapable of tackling the vast urban heritage of most communities and of sustaining conservation efforts in the long term" (Rojas, 2016). To turn cultural heritage and landscape into a resource, instead of a cost for the community, the structures of authority, institutions and financial arrangements should be adjusted to ensure larger stakeholders' involvement in decision-making, attract private investments and facilitate cooperation between community actors, public institutions, property owners, informal users and producers (Rojas, 2016). The risk is that without financing channels the decay of European heritage and landscape will increase, until its irreversible loss.

Flexible, transparent and inclusive tools to manage change are required to leverage the potential of cultural heritage for Europe, fostering adaptive reuse of cultural heritage / landscape. Tools for management of change should consider costs and benefits at the local level and for all stakeholders, including future generations, and should take into account the cultural, social, environmental and economic costs of disrepair through neglect, compared to the benefits obtained through diverse scenarios of transformation / integrated conservation.

Costs and values of cultural heritage adaptive reuse have to be compared in a multidimensional space: the relationship between costs and "complex values" influences the willingness to invest in the functional recovery of cultural heritage and landscape. Therefore, it is necessary to clarify what is intended for the value of cultural heritage. The higher the perceived value for potential actors, the higher the willingness to take the risk of investment. This "complex value" of cultural heritage depends on the intrinsic characteristics, but also from extrinsic (context) characters.

Investment costs are related to the materials, technologies and techniques to be used to preserve the cultural value of the heritage / landscape, and to maintenance / management / operating costs. The willingness to invest, the same value done, increases with the reduction of costs. Then, the social cost of abandonment – and eventual irreversible loss of heritage – must be included in the investment choice.

The investment gap in cultural heritage and landscape regeneration can be addressed through careful evaluation of costs, complex values and impacts of adaptive reuse, providing critical evidence

of the wealth of jobs, social, cultural, environmental and economic returns on the investment in cultural heritage.

1.1 CLIC Specific objectives

The scopes of CLIC project will be achieved through a set of specific, measurable, achievable, realistic and time-constrained (SMART) specific objectives:

Objective 1 - To synthesize existing knowledge on best practices of cultural heritage adaptive reuse making it accessible to researchers, policy makers, entrepreneurs and civil society organizations, also with direct dialogue with their promoters;

Objective 2 - To provide a holistic ex-post evaluation of the economic, social, cultural and environmental impacts of cultural heritage adaptive reuse, stressing on the importance of appropriate conservation and maintenance approaches able to highlight the integrity and authenticity of heritage;

Objective 3 - To provide EU-wide participated policy guidelines to overcome existing cultural, social, economic, institutional, legal, regulatory and administrative barriers and bottlenecks for cultural heritage systemic adaptive reuse;

Objective 4 - To develop and test innovative governance models and a set of evidence-based, participative, usable, scalable and replicable decision support evaluation tools to improve policy and management options/choices on cultural heritage systemic adaptive reuse, in the perspective of the circular economy;

Objective 5 - To analyse hybrid financing and business models that promote circularity through shared value creation, and assess their feasibility, bankability and robustness for cultural heritage adaptive reuse;

Objective 6 - To validate the CLIC circular financing, business and governance practical tools in 4 European cities / territories representative of different geographic, historic, cultural and political contexts;

Objective 7 - To contribute to operationalise the management change of the cultural landscape also in implementing the UNESCO Recommendation on Historic Urban Landscape;

Objective 8 - To re-connect fragmented landscapes, through functions, infrastructures, visual relations at macro and micro scale;

Objective 9 - To design and implement a stakeholders-oriented Knowledge and Information Hub to make tools and information accessible, useful and usable and test them with policy-makers, entrepreneurs, investment funds and civil society organizations;

Objective 10 - To contribute to the creation of new jobs and skills in the circular economy through cultural heritage adaptive reuse, boosting startups and sustainable hybrid businesses and empowering local communities and stakeholders through public-private-social cooperation models.

Objective 11 - To contribute to the monitoring and implementation of SDGs (especially Target 11.4) and the New Urban Agenda, creating operational synergies with global initiatives of UN-Habitat, UNESCO/ICOMOS and the World Urban Campaign.

All partners have wide experience in developing and testing CLIC proposed tools, ensuring the effective and time-constrained achievement of all the above-mentioned specific goals. The integration of sectorial knowledge, tools and methods will be achieved through a trans-disciplinary

approach promoting partners and stakeholders' cooperation, co-creation of knowledge and co-delivery of outcomes.

The expected impacts of the project are the following:

- Validation of integrated approaches and strategies for cultural heritage adaptive re-use, comprising innovative finance with high leverage capacity, business models and institutional and governance arrangements that foster multi-stakeholder involvement, citizens' and communities' engagement and empowerment;
- New investments and market opportunities in adaptive re-use of cultural heritage, also stimulating the creation of start-ups;
- An enabling context for the development and wide deployment of new technologies, techniques and expertise enhancing industrial competitiveness and contributing to economic growth, new skills and jobs;
- Innovative adaptive re-use models that are culturally, socially and economically inclusive;
- Contribution to implementing the Sustainable Development Goals (SDGs) (Goals 1, 15, 11 particularly) and the United Nations New Urban Agenda.

2 Introduction

According to the CLIC Detailed communication, dissemination and exploitation plan and annual update, CLIC events held from January 2019 to January 2020 (M14 - M26) were as follows:

- 1. Historic Urban Landscapes workshops - HUL (WP1)** Workshops with local stakeholders and international experts aimed at: (i) identifying barriers and bottlenecks in adaptive reuse of cultural heritage as well as at identifying solutions to overcome the identified barriers and bottlenecks, and (ii) new tools for the implementation of the Historic Urban Landscape approach proposed by UNESCO for the conservation (through adaptive reuse) of cultural landscape and cultural heritage, and specifically Civic Engagement tools, Knowledge and Planning tools, Regulatory Systems, Financial tools. Video were recorded and shared on line.
- 2. Laboratories of Transdisciplinarity - LabT (WP1, WP2, WP3, WP4):** Trans-disciplinary laboratories involving researchers, members of the Advisory Board, entrepreneurs, public body representatives and civil society organizations representatives, dedicated to specific research topics related to the research Work Packages 1, 2, 3 and 4 and hosted by the WP Leading institutions.
- 3. Heritage Innovation Partnerships Meeting - HIPs (WP5):** These local events took place in each pilot area, and were led by the local authority in the cases of Salerno and Rijeka, the regional authority in that of Västra Götaland, and the NGO Pakhuis de Zwijger in that of Amsterdam. Supported by local universities / research centers, the meetings gathered local, national and international interested stakeholders (e.g. enterprises, institutions, civil society organizations, banks, investment funds, researchers, practitioners, professionals' organizations) with the objective of co-creating a local action plan to address cultural heritage adaptive reuse. The HIP meetings aim at promoting a local perspective, enhancing local knowledge, ideas, capacities and cooperation. Video were recorded and shared on line.
- 4. Peer Review processes between cities - PR (WP5):** These events involved representatives of the 4 pilot territories of CLIC (Salerno city, Rijeka city, Västra Götaland region, Pakhuis de Zwijger organization based in Amsterdam) and were facilitated by ICLEI. The aim was to exchange local experiences and to promote a critical assessment of them (what worked, what did not work, what could be done differently etc.) to support the implementation of the 4 partnerships in each pilot area.
- 5. Mid-term Conference (WP6):** An international mid-term conference was organized by the city of Rijeka in collaboration with the University of Nova Gorica for scientific and trans-disciplinary dissemination of CLIC first results and approaches adopted, involving all partners and inviting researchers from different scientific fields related to CLIC research topics to present related past / ongoing research and experiences.
- 6. Stakeholder Dialogue Breakfast - SDB (WP6):** The event took place in Brussels (Belgium) at the ICHEC Brussels Management School, within the 31st edition of "Breakfast at Sustainability's", a series of meetings organized by ICLEI Europe Brussels Office, hosting local, regional and national governments represented in Brussels as well

as delegates from the European Parliament and the European Commission, with good practices shared by European cities. It was the occasion for hosting the second meeting of the Taskforce on *Circular Models for Cultural Heritage Adaptive Reuse in Cities and Regions*, thus facilitating direct dialogues between project actors, different stakeholders groups, policymakers as well as other EU-funded projects and global institutions working on circular economy implementation.

- 7. Further events not scheduled in the Workplan:** During the second year of activity of the project, CLIC Partners took part in a wide range of national and international conferences; networking events promoted by the European Commission; round tables, expert groups and workshops to create operational synergies with other similar projects / initiatives in order to communicate, promote and disseminate activities and results of the CLIC project.

2.1 Document structure

The document is structured as follows:

Section 3 presents an overall description of all CLIC events scheduled in the CLIC Workplan held from January 2019 to January 2020 (M14 - M26)

Section 4 provides an overall description of all CLIC events held not scheduled in the CLIC Workplan from January 2019 to January 2020 (M14 - M26)

Section 5 describes the mission of CLIC Salerno Stakeholders' Permanent Lab, one of the results of the Heritage Innovation Partnership process in Salerno

Detailed information, dissemination material and video related to the events organized and attended by CLIC Partners are accessible through web links.

3 CLIC second series of events scheduled in the Workplan

3.1 Historic Urban Landscape workshops (HUL)

The CLIC project entails a series of Historic Urban Landscape (HUL) workshops. These workshops are structured following the Historic Urban Landscape approach introduced by the 2011 UNESCO Recommendation on the Historic Urban Landscape. The HUL approach aims at managing urban heritage conservation and sustainable development in a holistic, integrated, and value-based fashion.

In order to facilitate the implementation of the HUL approach, it has been developed a six-step action plan:

- mapping natural, cultural, and human resources;
- reaching consensus on what values and related attributes to protect;
- assessing the vulnerability of the identified values and related attributes to change and development;
- integrating values, related attributes, and their vulnerability in urban development framework;
- prioritizing actions for conservation and development; and
- establishing local partnerships and management frameworks for each of the actions.

Furthermore, four categories of tools have been identified to support the implementation of the HUL approach, namely:

- civic engagement tools;
- knowledge and planning tools;
- regulatory systems; and
- financial tools.

These tools have to be adapted to the local context in order to fully exploit the particular development potential of a specific landscape. Landscape can become key for launching a smart sustainable development model, starting from local cultural resources to activate creative processes of circular economy through a synergistic approach, combining the touristic, economic, local productions activities with cultural heritage regenerations, with the creativity of its inhabitants.

Within the CLIC project, the HUL workshops aim at involving stakeholders in reflecting on good practices, identifying barriers and bottlenecks, and brainstorming solutions to number up the practice of cultural heritage adaptive reuse, thus contributing to the transition towards circular cities.

3.1.1 HUL Workshop #3 (Rijeka, 28 March 2019)

The CLIC pilot city of Rijeka hosted the third HUL workshop on March 28th, 2019. The workshop was designed and coordinated by the **Eindhoven University of Technology** (TU/e) and organized in collaboration with **the municipality of Rijeka** (RIJ) and **University of Nova Gorica** (ETCAEH).

During the HUL workshop, barriers to cultural heritage adaptive reuse were identified specially focusing on the context of Rijeka. The stakeholders also proposed solutions to overcome these barriers.

The HUL workshop took place right after the [CLIC Midterm conference](#) entitled “Heritage Adaptive Reuse and Circular Economy” which provided an overview of projects and experiences with regard to these themes in the city of Rijeka and elsewhere. During the Conference, the stakeholders also participated in site visits to several reuse projects within the city.

Throughout the HUL workshop, the stakeholders critically assessed good practices presented during the CLIC Midterm Conference and related to their own experiences. The HUL workshop format counted six rounds of round-table discussions. Each round, the stakeholders participated in discussions addressing barriers and solutions from the perspective of one of the six critical steps of the HUL approach: (i) mapping resources, (ii) reaching consensus, (iii) assessing vulnerability, (iv) integrating into the city development framework, (v) prioritizing actions, and (vi) establishing local partnerships. The barriers and solutions addressed different scales of reuse; for instance, “[RI Hub](#)” for the case study chosen by Rijeka; “#Rijeka” for the city of Rijeka; and “#Elsewhere” for contributions referring to elsewhere or other scale of analysis (e.g. national level).

Below are presented some of the stakeholders’ contributions each addressing a different HUL adaptation step:

- **Mapping Resources**

Barrier: difficulty in having a vision for the future. Complex history, it is difficult to prioritize, it is difficult to choose the vision for the future

Solution: planning and develop the vision for the future

- **Reaching Consensus**

Barrier: variety of conflicting levels for decision making also at different scales

Solution: planning process that identifies implications of different actors in the decision-making

- **Assessing Vulnerability**

Barrier: rural area redevelopments: limitation of financial capacity and depopulation

Solution: (a) financial tools to encourage people to move towards rural areas: grants, giving buildings, reducing taxes, etc. (b) transform into a place which is needed by the community, e.g. cultural centre, kindergarten etc. instead of museums. Example: the Fairy tale initiative in Ogulin

- **Integrating into the City Development Framework**

Barrier: issues concerning property ownership

Solution: better public regulations to allow a faster implementation of projects

- **Prioritizing Actions**

Barrier: prioritization based not only on economic resources (e.g. tourism) but also on citizens / stakeholders engagement, letting people “use” spaces

Solution: (a) Portfolio of assets + actions; (b) grassroots should facilitate the process of defining or redefining of priorities

- **Establishing Local Partnerships**

Barrier: accessibility may be improved by partnership with locals + transports

Solution: more walkable Rijeka. Partnerships among organizations gathering seniors and places where parents and children gather, transport authorities, schools.

The identified barriers and solutions also entail tools which were classified according to four categories introduced by the HUL toolkit: (i) community engagement tools, (ii) knowledge and planning tools, (iii) regulatory systems, and (iv) financial tools.

- a) **Civic Engagement Tools:** Consultations, dialogues, debates, informative sessions, education kits, participation platform/website etc.
- b) **Knowledge and Planning Tools:** City vision, value assessment, portfolio of assets, participatory urban design tools, platforms and repositories, etc.
- c) **Regulatory Systems:** Mapping guidelines, housing policy, PPP framework, planning regulation (review), cooperative ownership and management etc.
- d) **Financial Tools:** Crowdfunding, funding, public-private partnerships, grants, tax incentives, concessions, etc.

To conclude the HUL workshop, the stakeholders participated in an interactive poll expressing their opinion on a selection of barriers that they selected during the round-table discussions.

The participants of the HUL workshop had been representatives of a diverse spectrum of stakeholders, institutions, and organizations: various departments within the municipality of Rijeka, cultural institutions, the Rijeka Port Authority, SMEs, NGOs, and the CLIC consortium. Regarding this diverse representation at the workshop, it contributed extensively to the cross-pollination among participants, the co-creation of solutions, and the mainstreaming of the HUL approach.

The video of the HUL workshop in Rijeka is available at the following link:

<https://www.youtube.com/watch?v=oyLXbe6LiA8>

A full report of the HUL workshop #3 in Rijeka will be included in final Deliverable 1.1 “Reports of HUL Workshop” (M34).

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-HUL-Workshop-3-Rijeka-28-March-2019.pdf>

3.1.2 HUL Workshop #4 (Västra Götaland Region, 12 September 2019)

The fourth HUL workshop was held in Gustavsfors (Sweden) on 12th September 2019, organized by **Västra Götaland Region** in collaboration with **Uppsala University** and under the coordination of the **Eindhoven University of Technology**. It was the occasion for presenting two of the fourth case studies included in the project.

The first case study presented was Gustavsfors mill where the old industrial district is being transformed into a hub of natural tourism in Dalsland. The second one was Fengersfors mill where the former paper mill was transformed into a cluster for CCN (cultural and creative industries/clusters), which is turning into a growing destination for tourism visitors with around 40 companies currently active on the site. Stakeholders from the other two locations in CLIC, Strömsfors and Forsvik, participated and presented their places and challenges.

Participants agreed on the fact that transformed cultural-historical environments have great potential to contribute to regional development. Nevertheless, what clearly emerged from the workshop was a substantial lack of developed business models to finance this process. Another obstacle identified to adaptive reuse of cultural and landscape heritage was the lack of coordination between different sectors of society. Participants proposed as solution for a more effective cultural and environmental protection a stronger cooperation with other sectors such as the environment and business development.

A full report of the HUL workshop #4 in Västra Götaland Region will be included in final Deliverable 1.1 “Reports of HUL Workshop” (M34).

The video of the HUL workshop in Västra Götaland Region is available at the following links:

https://youtu.be/TlfhSN9cK_M

<https://youtu.be/RkXXtQBQnt4>

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-HUL-Workshop-4-Vastra-Gotaland-Region-12-September-2019.pdf>

3.2 Laboratories of Transdisciplinarity (LabT)

The CLIC Project entails a series of Laboratories of Transdisciplinarity involving researchers, members of the Advisory Board, entrepreneurs, public body representatives and civil society organizations representatives, dedicated to specific research topics related to the research Work Packages 1, 2, 3 and 4 and hosted by the WP Leading institutions.

The Laboratories are aimed at exchanging the cross-sectorial knowledge produced in each CLIC Work Package, as well as reviewing the methods and approaches adopted through a critical review and structured discussion between participants. The outcomes will be the sharing of knowledge among participants from different academic and practice fields, and the continuous review of the process of knowledge creation for relevant, reliable, robust and exploitable outcomes of the CLIC research.

3.2.1 LabT #2 (London, 7 - 8 February 2019)

The second Laboratory of Transdisciplinarity organized by the University College London was structured in two days.

On the 7th of February 2019, UCL’s Institute of Finance and Technology hosted the Symposium *Innovative Finance for Cultural Heritage 2019* featuring industry representatives from across England who came together to bring different perspectives and best practices on how to attract financial and non-financial resources to the cultural heritage and creative industries sectors.

The Symposium focused on innovative financial models and instruments to preserve and increase the value of both material and immaterial heritage assets, leveraging on their potential for increasing social cohesion and wellbeing, as well as on their pivotal role in building cultural identity and a sense of belonging across diverse communities. Professor Francesca Medda (Director, **Institute of Finance and Technology, UCL**) opened the works introducing the CLIC project.

Leading industry practitioners provided the audience with insight and concrete examples of financial innovation in the cultural and creative sector.

Seva Phillips, Head of **Arts & Culture Finance at NESTA**, presented the **Arts Impact Fund**– the first impact investing fund dedicated to the Arts globally – and the Cultural Impact Development Fund, which together made over £10 million available to support heritage organization and the creative and cultural industry in the UK. Funded projects included the refurbishment and adaptive reuse of an old Victorian court house in the centre of Wigan and of a former art deco cinema in Dalston.

Adala Leeson, Head of socio-economic analysis and evaluation at **Historic England**, provided insight on the importance of evaluating the value of both tangible and intangible cultural heritage assets in order to take more informed decision at policy level, providing methodological and real-life examples and available resources developed by Historic England.

Henrietta Billings, Director of **SAVE Britain's Heritage**, presented 4 successful campaigns led by SAVE to preserve and bring-back to life endangered cultural heritage assets from in London, Liverpool and Grimsby.

Graham Bell, Director of the **North of England Civic Trust (NECT)** and Board member of **Europa Nostra**, gave a brilliant talk on "Cultural Heritage: a Cabinet of Curiosities in the economy?", while Matthew Mckeague, the Chief Executive of The **Architectural Heritage Fund**, illustrated the features of the Fund and the importance of making patient-capital and capacity building available for heritage organisations.

Talks were followed by lively Q&A sessions with UCL students and staff, practitioners and the members of the CLIC Consortium.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-LabT-2-London-7-8-February-2019.pdf>

During the private meeting on 8th February, CLIC partners exchanged ideas and feedbacks on the state of art of the CLIC research. Methodological aspects, as well as first proposals on innovative financing and business models, were addressed by **UCL Team** led by prof. Francesca Medda. The relationships between work packages were explored with the contribution of project partners, stressing the need of implementing viable innovative solutions in CLIC cities and regions.

List of presentations:

- CLIC state-of-the-art towards the Midterm review M18 - Prof. Luigi Fusco Girard (IRISS-CNR)
- WP 1 - Focus on CLIC survey; State-of-the-art of business, financing and governance models in cultural heritage adaptive reuse (TU/e)
- WP 2 - Environmental / Ecological Indicators of Circularity; Circular Economy Strategies for Adaptive Reuse of Cultural Heritage Buildings to Reduce Environmental Impacts - Gillian Foster and Halliki Kreinin (WU)
- WP3 - Focus on DSS - Simona Panaro (UOP), Christian Ost e Ruba Saleh (ICHEC)
- Wp4 - Blockchain as a cultural heritage investment tool - Yuen Lo (UCL)

3.2.2 LabT #3 (Brussels, 21-22 November 2019)

CLIC's third Transdisciplinary Laboratory (LabT) was organized by **ICHEC Brussels Management School** which is leading on work package 3 *Supporting circular governance through informed decision-making*. It was structured in a public session and in an internal meeting.

The public session, "Circular governance between theory and practice", took place on 21st November 2019 and discussed circular governance at all levels starting from the global level, investigating the regional, speculating on the city and finally examining it at the building level.

The Laboratory aimed at spurring reflection and discussion around the evolving theoretical framework of circular governance and at drawing lessons from seminal practical case-studies.

In this regard, Michel Bauwens talked through the urban commons transitions providing some examples from a global perspective. Marie Yeroyanni introduced the latest developments of EU R&I Agenda on cities and how circularity and governance are tackled in 'The Human-Centred City' report which will guide future EU R&I investments on cities. Stephan Kampelmann speculated on how to govern the circular metabolism and provided examples of attempts to innovate the governance of metabolic flows. Andy Pratt explored the possibility of governing the cultural sector from a circular economy perspective. Arianne Acke presented the Living Lab experience co-designed and implemented under the framework of the Horizon 2020 REPAiR project. Michiel Van Balen shared his insights on the entrepreneurial journey of the cases of De Hoorn and Hal5 in Leuven, Belgium. Finally, Christian Ost drew some conclusions based on the interactive discussion and exchange of views.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-LabT-3-Brussels-21-22-November-2019.pdf>

List of presentations held by CLIC researchers during the private meeting on 22nd November:

- Circular governance models for adaptive reuse of cultural heritage - Cristina Garzillo, Intza Balenciaga, Ane Izulain, Talía Rangil Escribano, Allison Wildman (**ICLEI**)
- City of Rijeka - Suzana Belosević (**City of Rijeka**)
- Objectives of the Local Action Plan of Salerno - Raffaele Lupacchini (**Municipality of Salerno**)
- Updates on Pakhuis de Zwijger Local Action Plan -Tara Heemskerk (**Pakhuis de Zwijger**)
- State of the art LAP in Västra Götaland - Bjorn Olhén (**Västra Götaland Region**)

3.2.3 LabT #4 (Naples, 14 - 16 January 2020)

CLIC's fourth Laboratory of Transdisciplinarity (LabT) was held in Naples from 14th to 16th January 2020. It was organized by **IRISS CNR**, Project Coordinator and leading on Work Package 2 *Creating evidence base of cultural heritage impacts*.

Specifically, this LabT was the occasion to present the final set of key indicators to assess the multidimensional impact of cultural heritage adaptive reuse (economic, social, cultural and environmental). CLIC partners exchanged ideas and feedbacks on the proposed indicators deduced from the analysis of best practices of adaptive reuse of cultural heritage as well as from national and international sources. Next steps for data collection in CLIC pilot cities / region were planned to test the feasibility of the indicators, with the aim of building an evaluation framework to be used in all EU countries to monitor the spillover effects of investments in restoration / conservation as well as on adaptive re-uses of historic landscapes and buildings.

The successful case of Salerno was described, presenting the activities carried out in the city (e.g. CLIC permanent lab for the co-creation of Local Action Plan for cultural heritage adaptive reuse, hosted by Giardino della Minerva). Special attention had been paid on the many experiences of reuse and enhancement of the tangible and intangible cultural heritage that have started-up 'culture-led' urban regeneration processes. During the LabT CLIC Partners visited the Catacombs of San Gennaro and the Sanità district, a best practice of enhancement of cultural heritage and urban and social regeneration.

CLIC partners exchanged ideas and feedbacks also on the state of art of Work Package 4, *Developing circular financing and business models*. Methodological aspects were addressed and innovative financing and business models were discussed, in view of experimentations in CLIC pilot cities and region.

List of presentations:

- Introduction and presentation of LabT #4 - Prof. Luigi Fusco Girard (**IRISS CNR**)
- Values, Criteria and Indicators for the evaluation of multidimensional impacts of cultural heritage adaptive reuse in the perspective of the circular economy - Antonia Gravagnuolo, Silvia Iodice, Martina Bosone, Luigi Fusco Girard (**IRISS CNR**)
- Circular Business Models in Cultural Heritage Reuse - Imma Vellecco (**IRISS CNR**)

3.3 Heritage Innovation Partnerships Meeting (HIPs)

The Heritage Innovation Partnerships or HIPs are multi-actor partnerships that aim to co-create and test adaptive reuse blueprints for culturally, socially and economically inclusive societies in four selected cities and regions across Europe: Amsterdam (NL), Salerno (IT), Rijeka (HR) and Västra Götaland (SE).

Each HIP is steered by two local leaders: city-region leader (a representative from a municipal/regional or non-governmental organization) and an academic leader (representative from a local research institute). Both are in charge of gathering a solid group of stakeholders, with diverse expertise fields and interests, who will work together in the definition of a Local Action Plan for the adaptive reuse of cultural heritage in their territory.

In order to reach this objective, six HIP Dialogues on diverse topics (e.g. cultural resources mapping, governance models or financing and business models) will be held in each location during the first two years of the CLIC project.

3.3.1 HIP #2 in Västra Götaland Region (Forsvik and Strömsfors, 30 - 31 January 2019)

A second meeting of the Heritage Innovation Partnerships (HIPs) was organized by **Västra Götaland Region** in collaboration with **Uppsala University** under the coordination of **ICLEI**. It was held as two meetings, in two locations, Forsvik and Strömsfors, on 30th and 31st January 2019 with the representatives of the municipalities, local associations and enterprises in order to discuss a vision for the area in 2030 with a perspective of circularity.

The discussion was structured according to three perspectives: economic, environmental and social. From the economic perspective, for example, participants highlighted that they would like to attract more businesses and reach higher market values as a vision for 2030, while from an environmental perspective they were advocating for a more “self-sufficient” neighborhood, sharing economy and smarter use of the nature.

The main outcome from both HIP meetings indicated that all involved stakeholders were very familiar with sustainable development, circular economy and adaptive reuse. The main critical issue stemming from the HIP meeting was a lack of entrepreneurs interested in developing their business in the area. This issue was identified as a common problem for all municipalities: participants agreed on the design of further actions to be taken within the HIP process in order to identify the main reasons behind and develop an environment able to attract and keep more entrepreneurs.

3.3.2 HIP #2 at Pakhuis de Zwijger Foundation (Amsterdam, 4 February 2019)

The main objectives of the second Heritage Innovation Partnership Meeting at Pakhuis de Zwijger Foundation were the following:

- Charting how decision making takes place in the area of sustainability in Pakhuis de Zwijger (internal organization);
- Identifying a common outline of ambition in the area of sustainability;
- Naming measures that the organization wants to work on in the near future.

The overall opinion was that Pakhuis de Zwijger already does a lot in the area of sustainability, particularly in the area of waste separation, energy saving, biological and local food. In addition, the attitude and motivation on sustainability among the staff was considered sufficient. Nevertheless, clear figures on the ecological impact of these measures were not available. Therefore, it came to the conclusion that this aspect could be further investigated in the next meetings.

3.3.3 HIP #2 in Salerno (27 February 2019)

The second meeting of the Heritage Innovation Partnership was the occasion to discuss in detail on the governance of cultural heritage adaptive reuse projects. The Municipality of Salerno and CNR IRISS organized a stakeholders' workshop to identify the most effective methods and criteria through which new uses of cultural heritage can be identified, in line with the principles of circular economy.

Prof. Luigi Fusco Girard (**IRISS CNR**), Scientific Coordinator of the project, introduced the circular city model. Then Daniela Buonanno (**Department of Urban Planning and Common Goods, Municipality of Naples**) talked about the re-activation of "sleeping giants" for sustainable urban development, presenting the experience of co-design for the definition of a Local Action Plan for the former Military Hospital of Naples in the context of the European project "URBACT:2nd Chance". Giuseppe Sottile (**Banca Etica**) illustrated the initiatives of Banca Etica to support virtuous projects able to generate positive social impacts and the selection criteria of the projects themselves. The **IRISS CNR** Institute shared the first results of the mapping of abandoned cultural heritage in the city of Salerno, leading the workshop on the topic of governance in adaptive reuse projects.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-HIP-2-in-Salerno-27-February-2019.pdf>

3.3.4 HIP #2 in Rijeka (1 and 18 March 2019)

The second meeting of the Heritage Innovation Partnership process was organized by **University of Nova Gorica** and the **Municipality of Rijeka** and structured in two days on 1st and 18th March 2019.

The first meeting focused on Action Planning, getting advantage of the results of the first HIP held in October 2018 and of some of the research results of the CLIC project in a more advanced state, especially regarding the complex issues of Stakeholders and Actors Governance as well as Business and Management Model.

Its aim was to focus on specific objects of the city in order to create a clear sustainable connection between Adaptive Reuse – Circularity and circular urban economy – Historic Urban Landscape, contributing to the upgrade of the concept of Historic Urban landscape with the indicators of the circularity, seeing the urban preservation movement as propaedeutic for the implementation of proper circular policies at urban level.

The meeting was mostly dedicated to an open discussion among the participants following a presentation of UNG on the CLIC project and case studies and examples of Adaptive Reuse and Urban Sustainability, where circular economy plays a role in direct or indirect forms. The purpose was to show participants the benefits for Rijeka deriving from cultural heritage preservation at the highest international standards and employment opportunities coming from cultural heritage, reuse and new forms of economy. The presentation was done by Marco Acri and Saša Dobričić, with the support of Suzana Belosević from the city of Rijeka.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-HIP-2-in-Rijeka-1-and-18-March-2019.pdf>

3.3.5 HIP #3 in Västra Götaland Region (15 May 2019)

The third HIP meeting was held in **Västra Götaland Region** in partnership with **Uppsala University** on May 15th, 2019, with the following main objectives:

- to follow up on activities from the HIP 1 and HIP 2;
- to identify complementarity of the HIP process with local development processes that the region is implementing by learning from the process in the industrial area of Ringön in Gothenburg;
- to invite and involve stakeholders from the CLIC case studies in Västra Götaland to discuss planning, management and strategies for circular economy and adaptive re-use based on the good practice of Ringön, so far successful project regarding implementation of adaptive re-use in a well-functioning environment of SMEs, most of them active in the traditional industrial economy and not only cultural and creative industries;
- to identify on how to attract entrepreneurs in the cultural field to the sites and what strategy a property owner needs when attracting companies (mainly small companies within CCI) that are the ones with the greatest interest and who would contribute most to raising the status of the sites.

The key points discussed were: the relation between entrepreneurship and adaptive re-use of historic buildings, place-making and gentrification processes, through the experience of Ringön, and possible lessons learned for the CLIC cases.

In the first two HIP meetings, the CLIC sites identified bottlenecks and barriers for adaptive re-use of the buildings. During the third HIP meeting a difficulty to find tenants-companies interested in operating in old industrial sites with cultural heritage values were identified as one of the biggest challenges. Furthermore, participants tried to build up a vision for the area in 2030 from economic, environmental and social perspective.

3.3.6 HIP #3 in Rijeka (18 June 2019)

On Tuesday, 18 June 2019, the **City of Rijeka** and the **University of Nova Gorica** organised the third CLIC Heritage Innovation Partnership (HIP) meeting, which was held in the City Hall of Rijeka, Croatia.

The stakeholder's workshop focused on the governance of the city adaptive reuse process through circular models, endorsing and partly amending the outcomes of the previous two Rijeka HIP Meetings.

The workshop capitalised on the previous examples by organising the actors in the city to promote the implementation of the circular approach in the urban regeneration of the city on three levels:

- building site focused, aiming to create better conditions for adaptive reuse of cultural heritage through the circular principles while protecting the authenticity and integrity of the historical substance;
- urban scale focused, aiming to re-adapt and reactivate use of vacant public and private buildings within the urban tissue as well as reclamation of public space;
- policy level focusing the spatial policies and instruments for easier integration of circular economy and urban regeneration process.

For the CLIC HIP 3 Meeting four objectives were defined for the circular city by reuse of cultural heritage:

- revitalisation of Rječina River;
- creation of a cultural corridor
- protection and revitalisation of cultural heritage buildings;
- urban regeneration and accessibility.

The workshop focused on previously identified Micro Area, extending from Old Harbour Port Baross, through the historic centre, following Rječina River towards Energana Power-plant and Rječina Canyon. The outcomes of the workshop were in the form of the elaborated maps with annotations done by stakeholders.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-HIP-3-in-Rijeka-18-June-2019.pdf>

3.3.7 HIP #3 in Salerno (19 June 2019)

On June 19th, 2019, a technical meeting of the Heritage Innovation Partnerships (HIPs) was held at the City Hall with **IRISS CNR** and **ICHEC** teams and the representatives of the administrative sectors of the **Municipality of Salerno**, in order to present and discuss the first results of the public consultation and of the workshops carried out in the first phase of the CLIC project. The aim of the meeting was to define a shared vision for the elaboration of the Local Action Plan (LAP) for the reuse of cultural heritage in Salerno, from the perspective of the circular economy and the emerging model of “circular city”.

The plan, which is being built thanks to the strong synergy between all the interested parties - stakeholders, public administration and a wide and qualified international scientific community - analyzes and systematizes the state of the art of the city and the current urban planning tools, initiatives, plans and programs undertaken, focusing the attention on the possible sources of funding, new management opportunities and new circular business models for the reuse of abandoned and underused cultural heritage assets.

The first part of the LAP concerns the construction of the participatory process of co-design and co-creation in Salerno, in relation to the mapping of tangible and intangible cultural heritage, to the actors involved and, therefore, to all the “best practices” of reuse of local cultural heritage, with a focus on the criticalities found and the administrative, financial and management barriers, with the aim of overcoming them in the planning of future actions.

The LAP, one of the central outputs of the testing and innovation process of the CLIC project, will focus on actions and implementation tools for the adaptive reuse of cultural and landscape heritage as a driver for a “circular city”, including the assets in a state of abandonment or underutilization detected during the process of collaborative mapping, in the historic center and in the more peripheral and marginal areas, towards a circular urban and “culture-led” regeneration.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-HIP-3-in-Salerno-19-June-2019.pdf>

3.3.8 HIP #3 at Pakhuis de Zwijger Foundation (Amsterdam, 4 July and 4 November 2019)

The third Heritage Innovation Partnership at Pakhuis de Zwijger Foundation was structured in two meetings.

The first one took place on 4th July as an internal workshop with programmemakers and communication team focusing on the Foundation Business Model.

The second meeting was held on 4th November as an external workshop involving all partners of the Foundation, at financial, content and individual level. It represented a key moment in the relationship between Pakhuis de Zwijger and its partners who were actively involved in a debate on their current priorities in relation to the city. The aim of the meeting was, on one hand, to get information on the needs and wishes of local stakeholders for the coming period (in particular in terms of level of satisfaction and expectations from the partnership with Pakhuis) and, on the other one, to receive their feedbacks on the existing financial models adopted by Pakhuis de Zwijger Foundation, for possible improvement strategies for a more circular and sustainable financial model.

3.3.9 HIP #4 in Rijeka (9 July 2019)

On 9th July 2019, a first meeting associated with the fourth Heritage Innovation Partnership was organized with the representatives of all the departments of the **City of Rijeka**, to present the results of the Perceptions mapping and the Economic Landscapes mapped by **ICHEC Brussels Management School** during HIP1 and the internship in Rijeka, as well as, HIP 3 Governance workshop (**University of Nova Gorica**) and discuss the feasibility of possible implementations and further actions anticipating the next CLIC HIP Meeting in Autumn 2019.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-HIP-4-in-Rijeka-9-July-2019.pdf>

3.3.10 HIP #4 in Salerno (29 November and 2 December 2019)

The fourth HIP meeting organized by the **Municipality of Salerno**, in collaboration with the research institute **IRISS-CNR**, was structured in two days to better respond to the needs of local stakeholders.

The municipal administration, researchers and local community discussed and deepened the themes of the Horizon2020 "CLIC" project, on which a constructive debate has been going on for two years. The main output has been the elaboration of a Local Action Plan for the city of Salerno that will indicate the objectives of the city of Salerno and the specific actions to be implemented to achieve them.

It was an opportunity to show the progress of the project, its impact on the city, and the results achieved so far - first of all the priority objectives identified during the participatory process activated through online consultations, working tables and informal meetings.

The day also included a moment of confrontation through a workshop in order to define and share the actions to be included in the future strategic document for the adaptive reuse of cultural and landscape heritage.

The meeting was held on Friday 29 November at the Information Systems Hall of the City of Salerno. All the material and results were made available on December 2nd at CLIC permanent laboratory hosted by Giardino della Minerva.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-HIP-4-in-Salerno-29-November-and-2-December-2019.pdf>

3.4 Peer Review Meetings (PR)

The Peer Review process consists of four visits (each hosted by one of the pilot territories of CLIC project) involving representatives from visiting city-regions and facilitated by ICLEI - Local Governments for Sustainability.

The aim of the visits is to exchange local experiences on adaptive reuse of cultural heritage, gathering inspiration from others, and engaging in a review of what worked, what did not work, what could be done differently. In order to achieve the goal, it is essential that relevant experts from local organizations participate, giving an extensive view of activities in the host area.

The configuration of the visits is the following:

	NOV 2018	MARCH 2019	SEPT 2019	MARCH 2020
HOST CITY-REGION	Salerno	Rijeka	Västra Götaland	Amsterdam
VISITING CITY-REGION	Amsterdam Rijeka	Västra Götaland Salerno	Amsterdam Rijeka	Västra Götaland Salerno

Figure 1 - Peer Review Meetings Plan

3.4.1 PR #2 in Rijeka (29 March 2019)

The Peer Review between CLIC partner cities / regions and Rijeka stakeholders was organized within a larger CLIC event in Rijeka which included Mid-term international conference “Heritage Adaptive Reuse and Circular Economy” on 27.03.2019., Historic urban landscape workshop on 28.03.2019 and Peer review meeting on 29.03.2019.

Peer review meeting was organised in order to show to CLIC partners the assets discussed in the project and the different case studies of Rijeka’s cultural heritage projects.

The goal of the Peer review meeting was to exchange local experiences on adaptive reuse of cultural heritage, and, in non-formal presentations and discussions, gathering inspiration from others, and learning in a process on what worked, what did not work, what could be done differently and what are the success stories.

Relevant experts from Rijeka institutions participated to the workshop and gave to all participants deep and extensive view of current activities and projects, barriers and future opportunities. Additionally, the Peer Review Meeting was the opportunity to promote Rijeka's strategy and to share experience and exchange opinions among researches and stakeholders from CLIC project countries and to enhance heritage management and adaptive reuse practices, to improve the conditions to carry out appropriate adaptive reuse, and to integrate the concept into the conservation theory.

The following institutions and their current projects and activities were presented and discussed during the Peer to peer workshop in Rijeka:

- Museum of Modern and Contemporary Art;
- City Museum of Rijeka;
- Pro-Torpedo Association;
- Art-kino Rijeka;
- Children's House and Rijeka City Library;
- Rijeka 2020 Ltd;
- The Galeb Ship;
- Natural History Museum Rijeka –presentation of the related project “Interpretation Center of Natural Heritage of Primorje -Gorski Kotar County”.

The workshop was held in two places - Museum of modern and contemporary art, situated in the new cultural district currently emerging to meet ECOC 2020, and in the headquarter of the Rijeka 2020 Agency.

3.4.2 PR #2 in Västra Götaland Region (11-12 September 2019)

The peer review meeting of the CLIC project was organised during the same days as the HUL workshop and interlinked. Visits were distributed over both days in order to maximise time and inputs from stakeholders. This represented an added value since a high number of stakeholders was involved in the discussion, providing feedbacks from diverse perspectives.

Main objectives of the second Peer Review meeting in Västra Götaland were:

- to introduce the CLIC project with the stakeholders, case studies, projects and context in which the Västra Götaland region is working;
- to present main strengths of work, actions and projects of Västärvet and their complementarities with the CLIC project (like Sustainable Places project etc.);
- to familiarize the CLIC project more with issues and obstacles working in rural areas;
- to exchange experiences about similarities, differences and understand potential synergies among pilot cases / peers.

The program started with a meeting at the region's house in Gothenburg where participants got an opportunity to meet colleagues from the region and heard an introduction to the Västra Götaland region and how they work. The introduction was held by Lisa Lundin, regional developer business, Ylva Gustafsson, regional developer for Culture and Björn Ohlén, developer for cultural heritage (**Västärvet**). They highlighted how in Västra Götaland, culture and heritage are an integral part of regional development, talking about their close collaboration in recent years on site development and support for local development in rural areas.

During the Peer Review meeting between CLIC partner cities/regions, Christer Gustafsson (**Uppsala University**) presented the Halland Model project, a trading zone for building conservation in concert with labour market policy and the construction industry, aiming at regional sustainable

development. 100 historic buildings were saved from demolition and conserved only in Halland and approximately 130 in the Baltic Sea Region. Additionally, more than 350 new jobs were created.

Four conservation projects were visited and discussed:

- Rossared Manor house;
- Tjolöholm castle;
- the public open-air swimming house in Varberg;
- Grimeton Radio Station

Further projects visited during the PR were:

- Uddebo;
- Strömsfors;
- Gustavsfors;
- Forsvik;
- Fengersfors;

3.5 CLIC International Mid-term Conference “Heritage Adaptive Reuse and Circular Economy” (Rijeka, 27 - 28 March 2019)

The International Mid-term Conference “Heritage Adaptive Reuse and Circular Economy” was organized by the **Municipality of Rijeka** and **University of Nova Gorica**. It focused on the main topics of CLIC project: 1) adaptive reuse; 2) circular economy in urban development; 3) historic urban landscape and sustainability as well as 4) the challenges of the cities in terms of policies, projects and tools especially in the context of Rijeka European Capital of Culture 2020.

The conference tackled the above topics through an ad-hoc perspective, given by the case study of Rijeka, European Cultural Capital in 2020 that has already undertaken numerous redevelopment projects at different scales and member of the CLIC consortium, as well as through an international practices exchange, by presenting different ongoing initiatives in Europe and abroad.

With a broad international audience and speakers, including national and international experts on the CLIC topics, as well as students, professionals, academics, policymakers, researchers, NGOs and other stakeholders from Rijeka and Croatia, the conference provided the deep insight to the city of Rijeka and its current activities in the field of cultural valorization and adaptive reuse and included also the study visits to the main pilot sites of Rijeka and its Historic Urban Landscape (Ship Galeb, RiHub, Astronomical Centre Rijeka, new cultural quarter emerging within the ECOC 2020 - Museum of modern and contemporary art, Industrial area of Energana and Rječina River).

The different sessions focused on urban cultural capital and development; cultural heritage sustainability through experience economy; heritage management and urban planning challenges. Additionally, the Conference shared successful stories, case studies and other EU projects dealing with circular economy, heritage management and adaptive reuse - Re-use Center Ljubljana, H-farm, ROTOR. It provided a necessary forum both for current projects and practice and enabled the discussion of models, innovation and tools.

In order to maximize the dissemination of project activities and main results, the event was streamed. The full video of the Conference is available on CLIC project website at the following URL:

<https://www.clicproject.eu/event-clic-midterm-conference/>

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-CLIC-International-Mid-term-Conference-Rijeka-27-28-March-2019.pdf>

3.6 Stakeholder Dialogue Breakfast - Second Meeting of the Taskforce on “Circular Models for Cultural Heritage Adaptive Reuse in Cities and Regions (Brussels, 21 November 2019)

On 21st November 2019, the Stakeholder Dialogue Breakfast took place at the ICHEC Brussels Management School, within the 31st edition of Breakfast at Sustainability, a series of meetings organized by ICLEI Europe Brussels Office involving delegates from the European Parliament and the European Commission, with good practices shared by European cities. The main objective of this initiative is to focus on Europe’s leading, ongoing urban sustainability discussions.

This edition, organized by **ICLEI**, **ICHEC** and **IRISS CNR**, hosted the second meeting of the Taskforce on “Circular Models for Cultural Heritage Adaptive Reuse in Cities and Regions”, showing its first results and emphasizing the key role of the adaptive reuse of cultural heritage in the implementation of a circular economy, recognizing the cross-cutting role of culture for sustainable development.

The session collected information on innovative models and tools developed by participant organisations across several topics, specifically:

- Circular business models in cultural heritage adaptive reuse;
- Circular financing models and tools and
- Evaluation tools in governance, business and financing.

This second meeting marked a key opportunity for varied stakeholders to join forces to showcase what is being done in the field of circular and creative cities. The interactive session - supported by ICLEI Europe, ICHEC, and IRISS CNR - engaged further on these topical issues.

The event was the occasion to present the CLIC Knowledge and Information Hub Platform (<https://clicplatform.eu/>) developed by FacilityLive, an open digital platform organizing and making available information related to a wide range of best practices in cultural heritage adaptive reuse.

4 CLIC second series of events not scheduled in the Workplan

4.1 Participation of CLIC project to the IV World Congress Terraced Landscapes ITLA “Re-enchanting Terraces” (Canary Islands, 14 March 2019)

CLIC took part in the 4th World Congress organized by the International Terraced Landscapes Alliance (ITLA), committed to recovering the memory of the terraces and reinventing them as active resources that can be used to respond to a series of demands of today’s society, such as the preservation of historical and cultural value, the improvement of the quality of life and the need of the human being to have a sense of belonging to their territory and sustainable development.

CLIC project was represented by Antonia Gravagnuolo, researcher at **IRISS CNR**, who talked about the close relationship between circular economy and terraced landscape conservation, emphasizing how the introduction of circular models can significantly contribute to the retrieve and development of land abandonment in marginal rural areas.

Related presentation is available at the following link:

<https://clicproject.eu/files/D6-11-IV-World-Congress-Terraced-Landscapes-ITLA-Canary-Islands-14-March-2019.pdf>

4.2 Participation of CLIC project to “EU Research and Innovation for Cities of the Future” (Brussels, 21 March 2019)

On 21st March, CLIC took part in the event “EU Research and Innovation for Cities of the Future”, jointly organized by the URBAN Intergroup of the European Parliament with the European Commission, DG-RTD.

The event was meant to show how EU-funded Research and Innovation projects and actions are driving Sustainable Urban Development to address major urban challenges. The initiative was the occasion to share findings as well as opportunities based on the highlights of the draft High-Level Expert Group on Innovating Cities, informing the audience on the existing EU funding instruments to support cities in their transition towards sustainability.

CLIC was involved in the session titled “EU-funded R&I for and with cities”. Suzana Belosevic, representative of the **City of Rijeka** CLIC partner, reported on the project case studies in Rijeka and Salerno.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-EU-Research-and-Innovation-for-Cities-of-the-Future-Brussels-21-March-2019.pdf>

4.3 Participation of CLIC project to the 89th EWG-MCDA EURO Working Group on Multicriteria Decision Aiding (Trento, 11 - 13 April 2019)

CLIC took part in the 89th meeting of the EURO Working Group in Multi Criteria Decision Aiding (EWG-MCDA) organised by the Department of Industrial Engineering of the University of Trento (Italy) and sponsored by AMASES (Association for Mathematics Applied to Social and Economic Sciences) and EURO/Association of European Operational Research Societies.

The EURO Working Groups are a contact forum for researchers interested in a specific Operational Research topic. They have a meeting at least once a year where the members exchange ideas, experiences, and research results, and support each other in research work.

The **University of Portsmouth** team presented specific issues of the CLIC decision support system and discussed them with the members of the multi-criteria decision aiding working group.

The discussed topics and additional insights are in the paper called “Multicriteria methodologies for the enhancement of the Cultural Heritage” included in the Newsletter Bulletin of the EURO Working Group on MCDA. Series 3, n^o 39, Spring 2019 (May 2019).

Related material is available at the following link:

https://clicproject.eu/files/D6-11-Participation-CLIC-project-89th_EWG-MCDA_EURO-Working-Group-Multicriteria-Decision-Aiding-Trento-11-13-April-2019.pdf

4.4 Participation of CLIC project to the 18th Annual STS Conference Graz 2019 “Critical Issues in Science, Technology and Society Studies” (Graz, 6 May 2019)

Within the 18th Annual STS Conference, a special session (no. 18), titled “Is the circular economy able to transform the built environment in cities?”, was dedicated to the CLIC Project. The session,

chaired by Gillian Foster (**Vienna University of Economics and Business**), focused on new researches exploring Circular Economy concepts that transform the urban built environment to be more sustainable, inclusive, and future-ready.

The session emphasized how circular Economy concepts are well suited to the building and construction sector in cities, showing that refurbishing and adaptively reusing underutilized or abandoned buildings can revitalize neighborhoods whilst achieving environmental benefits. It was the occasion to hint to new business models able to promote building materials sourced from biomass or recovered construction wastes in order to replace fossil-fuel-intensive building materials. In addition, a special attention was paid to how cultural heritage buildings can be modified to reflect the new needs of communities whilst increasing public access to icons of unique local cultures.

Specifically Gillian Foster and Halliki Kreinin (**Vienna University of Economics and Business**) discussed the environmental impacts of cultural heritage buildings from the circular economy perspective while Antonia Gravagnuolo (**IRISS CNR**) described Circular Economy strategies for Cultural heritage Adaptive Reuse. Marco Acri, researcher at the **University of Nova Gorica** (ETCAEH), focused on the circular character of building tradition, exploring the challenges for the HUL approach. Magdalena Roszczyńska-Kurasinska and Anna Domaradzka (**University of Warsaw**) talked about individual factors in implementing innovation in a circular way. Jermina Stanojev from **Uppsala University** explained how smart specializations strategies can contribute to cultural heritage adaptive reuse.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-18th-Annual-STS-Conference-Graz-2019-Critical-Issues-in-Science-Technology-and-Society-Studies-Graz-6-May-2019.pdf>

4.5 Participation of CLIC project to the 17th Swiss Operation Research Days (Lausanne, 6 - 7 June 2019)

CLIC took part in the 17th Swiss Operations Research Days jointly organised by UNIL and SVOR/ASRO and sponsored by SVOR/ASRO. This is a meeting of researchers from the academic community and OR professionals, enterprises and public organizations to learn about each other's work and interests and to exchange current research developments in OR. The aim is also to promote collaboration and initiate new projects.

CLIC project was represented by Alessio Ishizaka (**University of Portsmouth**) who talked about the multi-criteria decision aiding approach for the problem on the adaptive reuse of cultural heritage. The speech was focused on "A multiple criteria decision aiding approach to select a portfolio of urban cultural heritage projects to regenerate".

4.6 Participation of CLIC project to "Placemaking Week Europe 2019" (Valencia, 13 June 2019)

CLIC attended Placemaking Week Europe 2019, the biggest conference and festival for placemaking in Europe. From June 12th-15th 2019, about 400 professionals across diverse sectors and disciplines - from fields related to sociology, urbanism, architecture, science, culture, politics and policy making - entrepreneurs, citizens and activists met in Valencia to discuss how to turn spaces

into places by learning from each other, sharing experiences and best practices, and co-creating innovative placemaking tools and solutions for the future.

Organized by La Marina de València, STIPO and European Placemaking Network, in collaboration with the Creative Bureaucracy Festival, this event was meant to accelerate existing and new projects, thus celebrating the growing contribution of placemaking in creating better cities.

The aim of Placemaking is just to collectively reimagine and reinvent public spaces as the heart of every community. *Cultural heritage can be an excellent tool to start a lively and collaborative dialogue with communities*, able to strengthen their sense of place and belonging, thus leading citizens to enjoy, preserve and take ownership of cultural heritage in their neighbourhoods.

The CLIC approach stems from the awareness that successful and effective adaptive reuse cannot exist without listening to communities to discover their real needs and expectations.

The CLIC project was presented on 13th June by Anna Domaradzka, from **University of Warsaw**, within the workshop “Heritage as an instrument to build stronger European communities”. Anna Domaradzka told the audience how the adaptive reuse and regeneration of abandoned or underused cultural heritage is developed within the CLIC research combining placemaking principles with civic engagement by testing in the 4 pilots innovative models, tools and approaches for cultural heritage adaptive reuse in the perspective of the circular economy in close cooperation with local communities. The researcher shared the experience of the Heritage Innovation Partnerships, developed within the project and based on a bottom-up approach, which represent a visible example of the importance of involving local actors in the co-creation of a successful Local Action Plan aimed to generate an effective urban revitalization.

Related presentation is available at the following link:

<https://clicproject.eu/files/D6-11-Placemaking-Week-Europe-2019-Valencia-13-June-2019.pdf>

4.7 Participation of CLIC project to the 25th International Conference on Multiple Criteria Decision Making - “MCDM beyond the Information Age” (Istanbul, 16-21 June 2019)

CLIC took part in the 25th International Conference on Multiple Criteria Decision Making organised by the International Society on MCDM. This is an international conference of researchers and practitioners to highlight the latest application of MCDM tools to sustainable-management challenges and to explore optimal decision-making around social, environmental, health, safety, and performance objectives.

CLIC project was represented by the **University of Portsmouth** team who talked about an integrated methodology to support complex decisions in urban planning such as the adaptive reuse of cultural heritage. The speech was based on the presentation of “A multiple criteria methodology for prioritizing and selecting portfolios of urban projects”.

4.8 Participation of CLIC project to the 15th Research & Innovation Conference (Portsmouth, 17 June 2019)

CLIC took part in the 15th Research & Innovation Conference organized by the University of Portsmouth - Faculty of Business and Law. This is an annual event and aims to expound to the university community the research papers and projects made by the research staff on the six interdisciplinary thematic areas identified by the University Research and Innovation Strategy (2015-20).

These areas are Democratic Citizenship, Future and Emerging Technologies, Health and Wellbeing, Security and Risk, Sustainability and the Environment.

CLIC project was represented by Simona Panaro and Alessio Ishizaka (**University of Portsmouth**) as representatives of the Sustainability and Environment section. They introduced the issue of cultural heritage as a tool for urban sustainable development, underlining the need for developing specific methodologies to make operational the new approaches and support complex decision-making procedures. The speech was based on the description of the “Decision support system for adaptive reuse of cultural heritage”.

Related presentation is available at the following link:

<https://clicproject.eu/files/D6-11-Participation-CLIC-project-15th-Research-Innovation-Conference-Portsmouth-17-June-2019.pdf>

4.9 Participation of CLIC project to the “Urbanism and Urban Architecture final annual event” (Eindhoven, 5 July 2019)

CLIC was presented at the end of the academic year event of the Urbanism and Urban Architecture chair, Eindhoven University of Technology. The UUA research group focuses on (trans)formation of the city and its architecture anticipating on the systemic changes in urban society, economy, technology and governance.

UAA key areas of research are the following:

- Healthy Cities, smart mobility and public space design;
- Circular Cities, urban metabolism and system thinking;
- Smart Cities, participatory urbanism and place making; and
- Cultural Heritage, spatial biographies and contextual design.

The event was the occasion to share the objectives, activities and main results of the CLIC project with students, local stakeholders and researchers who discovered about the CLIC project thanks to a presentation by Nadia Pintossi, researcher at **Eindhoven University of Technology**.

Related presentation is available at the following link:

<https://clicproject.eu/files/D6-11-Urbanism-and-Urban-Architecture-final-annual-event-Eindhoven-5-July-2019.pdf>

4.10 Participation of CLIC project to the workshop “Making Meaning of Places: Innovative Technologies, Community and Heritage” (Portsmouth, UK, 8-9 July 2019)

CLIC took part in the research workshop “Making Meaning of Places: Innovative Technologies, Community and Heritage” organized by the School of Architecture of the University of Portsmouth. This workshop aims to bring researchers and practitioners with heritage focus together. It is focused on two main themes in cultural heritage research: the innovative technologies and the community and place-making.

CLIC project was represented by Simona Panaro (**University of Portsmouth**) who talked about the problem of the adaptive reuse of cultural heritage from the perspective of the circular economy. One of the points debated in her presentation, “Community, heritage and decision processes”, regarded how to support complex decisions, taking into account the interlinked benefits that the reuse of the heritage can generate in a specific context.

4.11 Participation of CLIC project to the 59th ERSA Conference “Cities, regions and digital transformations: opportunities, risks and challenges” (Lyon, 27 - 30 August 2019)

The European Regional Science Association (ERSA) is the supranational grouping of national regional science associations across Europe, focusing on spatial economics and planning, regional and local development and related issues.

The 59th ERSA congress “Cities, regions and digital transformations: Opportunities, risks and challenges” hosted a large variety of themes in spatial, regional, and urban economics, economic geography, and regional policy topics like local governance and institutions. The Congress had also the ambition to have a stronger interdisciplinary dimension featuring contributions from social sciences, engineering and big data.

Antonia Gravagnuolo, representative of **IRISS CNR**, attended the Conference talking about the contribution of cultural heritage to *circular* city-region development.

Related presentation is available at the following link:

[https://clicproject.eu/files/D6-11-59th-ERSA-Conference-Lyon-27-30 August-2019.pdf](https://clicproject.eu/files/D6-11-59th-ERSA-Conference-Lyon-27-30%20August-2019.pdf)

4.12 Participation of CLIC project to the Open Living Lab Days “Co-creating innovation: scaling up from Local to Global” (Thessaloniki, 3rd - 5th September 2019)

Prof. Luigi Fusco Girard and Antonia Gravagnuolo, representatives of **IRISS CNR**, were invited to the ‘Scaling-up Urban Challenges Session’ co-organised by the European Commission Directorate-General for Research and Innovation and the European Commission Executive Agency for Small and Medium Enterprises.

They contributed to discuss and comment the chapters of the European Commission High-Level Expert Group (HLEG) Report ‘The human-centred city: opportunities for citizens through Research & Innovation’. The Report was meant to support the European Commission on how to formulate its future strategies on research and innovation on innovating cities, particularly in view of the Framework Programme for Research & Innovation Horizon Europe and the Mission on “Climate Neutral and Smart Cities”.

The Report is available at the following link:

<https://op.europa.eu/en/publication-detail/-/publication/5b85a079-2255-11ea-af81-01aa75ed71a1/language-en/format-PDF/source-search>

The second volume of this report with R&I recommendations and priorities is available at the following link:

<https://op.europa.eu/en/publication-detail/-/publication/b3e3431e-424a-11ea-9099-01aa75ed71a1/language-en/format-PDF/source-search>

4.13 Participation of CLIC project to the 17th International Society for Quality-of-Life Studies (ISQOLS) Conference (Granada, 5 September 2019)

The International Society for Quality-of-Life Studies (ISQOLS) is a global organization established in 1995 with a mission to promote and encourage research in the field of quality-of-life (QOL), happiness, and wellbeing studies.

The theme of its 17th Conference, held in the city of Granada (Spain), was Happiness in a Multicultural World. Taking this into consideration, the Conference wanted to be an inspiration for happiness and quality of life towards peace and tolerance and understanding between different peoples. Conference panels were devoted to happiness in research on the quality of life. They addressed the issues of sustainable development, quality of life of excluded groups and young or elder people as well as the relationship between happiness level and working conditions or the implementation of new technologies.

During the poster session, a representative of the **University of Warsaw**, Bartosz Ślosarski, presented recent results of the team's research on the quality of life indicators and the representation of basic human values in major quality of life indexes.

Related presentation is available at the following link:

https://clicproject.eu/files/D6-11-17th-International-Society-for-Quality-of-Life_Studies-ISQOLS-Conference-Granada-5-September-2019.pdf

4.14 Participation of CLIC project to the workshop “The adaptive reuse of our built heritage for a greener Europe” within the European Week of Regions and Cities” (Brussels, 9 October 2019)

On 9th October 2019 the Architects Council of Europe (ACE) promoted a workshop on “The adaptive re-use of our built heritage for a greener Europe” within the “European Week of Regions and Cities” that was held from 7 to 10 October in Brussels.

The workshop aimed to discuss the benefits, challenges and barriers inherent to adaptive re-use projects, starting out from the Leeuwarden Declaration adopted as a legacy of the European Year of Cultural Heritage 2018 and through the presentation of good practices and findings from different perspectives.

CLIC contributed introducing the concept of circular economy applied to the adaptive reuse of cultural heritage and landscape with a view to economic development and environmental regeneration. Antonia Gravagnuolo from **IRISS CNR** was invited as speaker in this session whose intention was to highlight the many economic, social, environmental and cultural benefits that derive from the reuse, smart renovation and transformation of disused heritage places for individuals and society.

Related presentations are available at the following link:

https://europa.eu/regions-and-cities/programme/sessions/475_en

4.15 Participation of CLIC project to the workshop “Smart Specialisation and the Heritage City” within the European Week of Regions and Cities” (Brussels, 9 October 2019)

Prof. Christer Gustafsson, from **Uppsala University** CLIC Partner, was invited to moderate the workshop “Smart Specialisation and the Heritage City”, taking place on 9th October 2019 during the European Week of Regions and Cities. This session, organised as part of the EU funded "ROCK" project, investigated the role of cultural heritage in smart specialization strategies at the city level.

He wrapped up the session concluding that heritage can offer a variety of innovation pathways both in terms of restoration and promotion, emphasizing the key role that smart specialization strategies are able to play in linking cultural heritage to innovation policy.

Related presentations are available at the following link

https://europa.eu/regions-and-cities/programme/sessions/317_en

4.16 Participation of CLIC project to the 19th European Roundtable for Sustainable Consumption and Production (ERSCP) “Circular Europe for Sustainability: Design, Production and Consumption (Barcelona, 16- 17 October 2019)

On 16th and 17th October 2019, Gillian Foster, researcher at the **Institute for Ecological Economics of Vienna University of Economics and Business**, attended the *19th European Roundtable for Sustainable Consumption and Production (ERSCP)*, “Circular Europe for Sustainability: Design, Production and Consumption”. The main goal of the 19th ERSCP was to encourage discussion amongst stakeholders involved in sustainable consumption and production (businesses, public institutions, universities, institutes and research centres, NGOs, SMEs, professional associations, decision-makers, etc.), favoring the exchange of thoughts, knowledge, experiences and SCP proposals as well as the creation of a European (also worldwide) community of research and practice in sustainable consumption and production.

This was the occasion to present two works developed under the CLIC project.

Gillian Foster presented a paper focused on the “Circular Economy Strategies for Adaptive Reuse of Cultural Heritage Buildings to Reduce Environmental Impacts”, showing how it is possible to revitalize neighborhoods whilst achieving environmental benefits by refurbishing and reusing underutilized or abandoned buildings, preserving at the same time the local cultural and historic characteristics that define communities. Specifically, she explained how extending their useful lifespan has multiple benefits that extend beyond the project itself to the surrounding area, contributing to economic and social development. Unfortunately decision makers lack knowledge of the environmental benefits of adaptive reuse of cultural heritage buildings as well as tools to implement these projects. To fill the gap, Gillian Foster presented a new comprehensive circular economy framework for the adaptive reuse of cultural heritage buildings to reduce environmental. This framework integrates methods and techniques from the building and construction literature that aim to reduce lifecycle environmental impact of buildings with a circular product supply chain approach.

The second work presented at the Conference was the paper “Placing Culture In An Ecological Economics Ontology Beyond A Pillar Approach (*Gillian Foster and Sigrid Stagl*)”, which defined a new model based on current ecological economics thinking, emphasizing the critical role of culture in organizing complex socio-economic systems including the economy. The new model impacts the understandings of cultural capital; the relationship of humankind to nature; and the fundamental and

evolving methodologies for measuring culture's impacts in a transition to a sustainable economy. From this perspective Gillian Foster discussed on circular economy to illustrate how this new model may be applied.

Related presentations are available at the following link:

<https://clicproject.eu/files/D6-11-19th-European-Roundtable-for-Sustainable-Consumption-and-Production-ERSCP-Barcelona-16-17-October-2019.pdf>

4.17 Participation of CLIC project to the First Meeting of the European Commission Expert Group on Cultural Heritage (Brussels, 15 - 16 October 2019)

The First meeting of the European Commission Expert Group on Cultural Heritage was held on 15th and 16th October 2019. The European Commission established the expert group for the next three years, with a view to maintain the spirit of cooperation and policy dialogue achieved during the European Year of Cultural Heritage. The group will provide the European Commission with advice and expertise, as well as to serve as a platform for consultation and exchange of information on cultural heritage policies to support the implementation of the European Framework for Action on Cultural Heritage.

On 15th October, Jermina Stanojev, researcher from **Uppsala University**, as selected member of the expert group, presented the CLIC project under the session "Sustainability - Cultural Heritage for a Sustainable Europe".

She presented the concept of circular economy applied to cultural heritage adaptive reuse as well as main objectives and activities of the CLIC project and the Taskforce on "Circular models for cultural heritage adaptive reuse in cities and regions". Furthermore, she pointed out the role and representation of cultural heritage in regional smart specialisation strategies as an instrument for the implementation of circular economy - a study that has been developed at Uppsala University within the CLIC project. The presentation was praised by several EU Member States representatives and opened a lively and interesting discussion among participants of the meeting about how EU Member States, regions and cities shall urgently respond to better inclusion of cultural heritage into circular economy strategic plans.

Related presentation is available at the following link:

<https://clicproject.eu/files/D6-11-First-Meeting-of-the-European-Commission-Expert-Group-on-Cultural-Heritage-Brussels-15-16-October-2019.pdf>

4.18 Participation of CLIC project to the International Conference "Riuso Adattivo e Gestione Integrata del Patrimonio Culturale Religioso Dismesso" (Naples, 7 November 2019)

Prof. Christian Ost, from **ICHEC Brussels Management School**, participated via skype to the International Conference on "Adaptive Re-use and Integrated Management of Disused Religious Cultural Heritage", organized and hosted by **IRISS CNR**. The Conference intended to analyze the tangible and intangible values of religious cultural heritage, as well as the characteristics of the impacts determined by the proposals for the functional reuse of different types of disused assets (e.g. churches, monasteries, abbeys), searching - in a perspective as much as possible participated with the local community (e.g. Civil Society Associations, Ecclesial Associations and Movements, Volunteer Groups) - the uses more consistent with the "intrinsic value" of the heritage itself (i.e. with the spiritual, religious, symbolic values it expresses).

Related presentation is available at the following link:

<https://clicproject.eu/files/D6-11-International-Conference-Riuso-Adattivo-Gestione-Integrata-del-Patrimonio-Culturale-Religioso-Dismesso-Naples-7-November-2019.pdf>

4.19 Participation of CLIC project to the ILUCIDARE Playground “Cracking the future of heritage” (Brussels, 20 November 2019)

November, 20th 2019 CLIC participated to the ILUCIDARE Playground “Cracking the future of heritage”, a one-day interactive networking event organized by the H2020 Project ILUCIDARE (<https://ilucidare.eu/>). The workshop, addressed to heritage professionals, researchers, innovators, policy makers, activists and volunteers, engaged participants in stimulating discussions leading to concrete policy actions. Its mission was to explore the multifaceted contribution heritage makes to sustainable and inclusive societies to tackle societal challenges through innovation and promote a multicultural dialogue.

The ILUCIDARE Playground afternoon programme was jointly developed with **CLIC** and the Horizon 2020 projects ECHOES, ROCK, and RURITAGE.

The programme included the CLIC session “Intrinsic value of cultural heritage as driver for heritage-led entrepreneurship”, moderated by Raffaele Lupacchini, from **Municipality of Salerno**. This workshop involved stakeholders in CLIC cities and region: Salerno, Rijeka, Amsterdam, Västra Götaland region, as well as other cities, to discuss ways in which the intrinsic value of cultural heritage can be recognized by local communities and can act as driver / enabler of new heritage-led entrepreneurship, valorizing the uniqueness of local cultural expressions. The CLIC city of Salerno, Italy, shared the experience of the Heritage Innovation Partnerships which led to the co-development of a strategic cultural project for the city, founded on the intrinsic value of the Historic Medical School of Salerno and its potential recognition within the European Cultural Routes, linking with other European cities.

Related presentation is available at the following link:

<https://clicproject.eu/files/D6-11-ILUCIDARE-Playground-Cracking-the-future-of-heritage-Brussels-20-November-2019.pdf>

4.20 Participation of CLIC project to the international LDE-Heritage Conference “Heritage and the Sustainable Development Goals” (Delft, 26 and 29 November 2019)

The international LDE-Heritage conference “Heritage and the Sustainable Development Goals” took place in Delft, The Netherlands, between November 26 and 28, 2019. The conference aimed at increasing the impact of heritage on the sustainable development of cities and communities. The sparkling dialogue among academics and heritage-practitioners explored heritage and SDGs from different angles through conference sessions, roundtables, and workshops.

Christian Ost, a representative of the **ICHEC Brussels Management School team**, illustrated the contribution of adaptive reuse of cultural heritage to the circular economy and sustainability. He shared with the audience the results of the perception mapping performed in Rijeka, Croatia, and in Salerno, Italy. This perception mapping was carried on by Ruba Saleh, Christian, and their team.

Nadia Pintossi, a representative of the Dutch CLIC team, presented results of her doctoral research on cultural heritage adaptive reuse. Her research aims at providing a baseline on challenges in adaptive reuse of cultural heritage and solutions to them. She illustrated the complex

and varied system of challenges and solutions entailed in these practices as identified in the CLIC HUL workshop hosted by Pakhuis de Zwijger in Amsterdam.

Afterwards, Deniz Ikiz Kaya and Nadia Pintossi, **Eindhoven University of Technology**, participated as catalysts in roundtables discussing with colleagues about heritage and climate change from various angles. Specifically Deniz Ikiz Kaya contributed to “Climate Change Adaptation of Cultural Heritage” and Nadia Pintossi to “Heritage and Environment”.

Related presentations are available at the following link:

https://clicproject.eu/files/D6-11-International-LDE-Heritage_Conference-Delft-26-and-29-November-2019.pdf

4.21 Participation of CLIC project to the UN Climate Change Conference (Madrid, 10 December 2019)

Within the UN Climate Change Conference, Saša Dobričić, representative of the University of Nova Gorica, was invited as speaker to the panel “A European criminal court to protect the environment and the health of citizens: a proposal to change Europe”.

The session started from the awareness that climate change is compromising entire ecosystems and the right to a healthy environment for future generations, requiring urgent action and a significant shift in our lifestyle as well as in our consumption and production models. Actually the global contrast to the climate change is presently played both through preventive actions and through pro-active attitudes. Among these, the transition to a circular economy and the re-naturing of our built environment represent a powerful approach.

In this perspective, Saša Dobričić presented the CLIC project showing its video and investigating the circular dimension of living urban and cultural landscapes. It was the occasion to present another H2020 twin project, URBiNAT - *Healthy corridors as drivers of social housing neighbourhoods for the co-creation of social, environmental and marketable NBS* (<https://urbinat.eu/>), that highlights the impact of socially led nature-based solutions for urban regeneration. CLIC developed a close collaboration with URBINAT, as well as with many other EU-funded projects, within the Taskforce on “Circular models for cultural heritage adaptive reuse in cities and regions” which was one of the issues included in the presentation.

The researcher emphasized that “...working, learning and producing with nature, rather than against it, can help in enhancing natural, but most of all, also social capital”, which imposes a co-design and co-production practice that respects the cyclical dimension that nature (and culture) imposes to new productive models. Moreover, through a participatory co-design practice, CLIC explores the circular models that characterise many tangible and intangible heritage assets and builds upon a new circular business dimension that boosts, rather than draining, the natural and social potential.

Related presentation is available at the following link:

<https://clicproject.eu/files/D6-11-UN-Climate-Change-Conference-Madrid-10-December-2019.pdf>

4.22 Participation of CLIC project to the Ce.S.E.T. Conference “Sviluppo sostenibile, economia circolare. Processi e metodi di valutazione (Naples, 12-13 December 2019)

On 12 and 13 December 2019, CLIC concepts were presented at the Conference organized by the Centre for the Study of Estimation and Territorial Economics (Ce.S.E.T.) of the University of Naples Federico II. The Conference focused on sustainable development, circular economy and circular city, discussed also in her presentation by Giulia Facelli, Policy Officer, Directorate General for Research & Innovation, **European Commission**.

Researchers from IRISS CNR actively participated to the debate.

List of presentations:

- Sostenibilità e circolarità nelle città metropolitane portuali - Luigi Fusco Girard (**IRISS CNR**)
- A methodological framework to evaluate the multidimensional impacts of cultural heritage adaptive reuse in the perspective of the circular economy - Antonia Gravagnuolo (**IRISS CNR**), Mariarosaria Angrisano (Università Telematica Pegaso)
- The implementation of the circular city model in the Italian context: the landscape approach - Pasquale De Toro (DiARC) Luigi Fusco Girard (**IRISS CNR**), Francesca Nocca (Università degli Studi di Napoli Federico II), Viktoriya Voysekhovska (Lviv Polytechnic National University)
- Strutture ricettive e dinamiche del mercato immobiliare nel Centro Storico di Napoli
- Martina Bosone (**IRISS CNR**), Pasquale De Toro (DiARC), Silvia Iodice (**IRISS CNR**)

4.23 CLIC Heritage Walk “RE.LIGHT Salerno: Patrimonio culturale in luce” (Salerno, 3 January 2020)

The CLIC team, in collaboration with associations and companies working in Salerno, organized the event **Re.LIGHT | Lights on Cultural Heritage** consisting in a “heritage walk”, an alternative guided tour to rediscover and light up the abandoned, underused and reused historical-cultural places, “bringing to light” the experiences of reuse and enhancement of the tangible and intangible cultural heritage that have started-up ‘culture-led’ urban regeneration processes.

In order to promote social inclusion, the visit was made available in Sign Language, thanks to the support of the Italian Deaf Association and the collaboration of TripMeToo.

The event was included in the Local Action Plan. The initiative was coordinated by the research group of **IRISS CNR** in collaboration with the **Municipality of Salerno** and a number of associations active in the area.

The successful experiences in Salerno prove how participatory governance can activate processes of regeneration and enhancement of the territory’s identity assets that can be transferred, with appropriate adjustments and reflections, also to other abandoned and underused goods, showing how the CLIC project is intervening for the reuse of cultural heritage in the perspective of circular economy through the Heritage Innovation Partnerships.

Related posters are available at the following link:

https://clicproject.eu/files/D6-11-Heritage_Walk-RELIGHT-Salerno-Patrimonio-culturale-in-luce-Salerno-3-January-2020.pdf

5 CLIC Salerno Stakeholders' Permanent Lab

One of the results of the Heritage Innovation Partnerships, coordinated by **ICLEI - Local Governments for Sustainability**, is represented by the establishment of a broad and active "**Heritage Community**" in Salerno, open to anyone wishing to contribute to the reactivation of underused and abandoned buildings, sites and cultural landscapes, ensuring the preservation of the cultural and social values of heritage and contributing to environmental regeneration as well as to the creation of new jobs in sectors related to reuse activities.

The *HIPs Stakeholders' Permanent Lab* was launched in Salerno in October 2019 thanks to the collaboration between the **Municipality of Salerno** and its research partner, **IRISS CNR**, who welcomed the explicit request of a number of local stakeholders to stimulate closer and continuous collaboration with the project team collecting, sharing and analyzing proposals for the co-creation of the Local Action Plan.

The Laboratory is the ideal structure for open, inclusive and operational dialogue and collaboration, through which it is possible to promote a constructive dialogue between those who aspire to take an active role in the conservation, enhancement and reuse of the city's cultural heritage. Informal working meetings will alternate with public meetings of HIPs for discussion, co-evaluation and sharing of ideas.

The Local Action Plan will be the result of dialogue and negotiation among stakeholders, through a continuous evaluation and feedback process supported by the CLIC project.

Specifically the Laboratory is aimed at:

- co-creating the Local Action Plan for the reuse of abandoned and underused cultural heritage in Salerno;
- enhancing the specific cultural identity of Salerno, in particular through the promotion of its Ancient Medical School;
- creating opportunities for sustainable development in the long term sbased on the reactivation of cultural and social capital (*i.e.* the development of a cultural and creative tourism offer based on the authenticity of "intrinsic values" of the city);
- stimulating new forms of heritage-led entrepreneurship 'linking past and future'

The *HIPs Stakeholders' Permanent Lab* is hosted by Giardino della Minerva, one of the best practices of cultural heritage adaptive reuse in the pilot city of Salerno and among the 16 realities chosen as examples of innovative 'good practices' in the participatory management of cultural heritage at world level. This initiative paves the way for the exploitation of CLIC results in Salerno and represents the first experience that can be successfully replicated in the other CLIC pilots.

Related brochure is available at the following link:

<https://clicproject.eu/files/D6-11-Salerno-Stakeholders-Permanent-Lab.pdf>

6 Acronyms

[ACE]	[Architects Council of Europe]
[AMASES]	[Association for Mathematics Applied to Social and Economic Sciences]
[CCI]	[Cultural and Creative Industries]
[ERSCP]	[European Roundtable for Sustainable Consumption and Production]
[ERSA]	[European Regional Science Association]
[EURO]	[Association of European Operational Research Societies]
[EWG-MCDA]	[European Working Group on Multicriteria Decision Aiding]
[GA]	[Grant Agreement]
[HIP]	[Heritage Innovation Partnership]
[HUL]	[Historic Urban Landscape]
[ISQOLS]	[International Society for Quality Of Life Sciences]
[ITLA]	[International Terraced Landscapes Alliance]
[LabT]	[Laboratory of Transdisciplinarity]
[LAP]	[Local Action Plan]
[MCDM]	[Multiple Criteria Decision Making]
[NGOs]	[Non Governmental Organizations]
[OR]	[Operation Research]
[PR]	[Peer Review]
[R&I]	[Research and Innovation]
[SCP]	[Sustainable Consumption and Production]
[SDB]	[Stakeholder Dialogue Breakfast]
[SDGs]	[Sustainable Development Goals]
[SMART]	[Specific, Measurable, Achievable, Time-constrained]
[SMEs]	[Small and Medium Enterprises]
[STS]	[Science, Technology and Social Studies]
[UNIL]	[Université de Lausanne]
[UUA]	[Urbanism and Urban Architecture]
[WP]	[Work Packages]