



CIRCULAR MODELS LEVERAGING INVESTMENTS
IN CULTURAL HERITAGE ADAPTIVE REUSE

THE HIP PROCESS IN RIJEKA

WHAT HAS BEEN DONE AND CAN BE ACHIEVED

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- ◆ **Objective 1** – successful stories of CH adaptive reuse to transfer and replicate.
- ◆ **Objective 3** – providing policy-relevant guidelines to systemic adaptive reuse of cultural heritage.
- ◆ **Objective 4** – developing and testing innovative governance for “shared” cultural heritage systemic adaptive reuse.
- ◆ **Objective 5** – proposing hybrid financing and business models that promote circularity in cultural heritage adaptive reuse.
- ◆ **Objective 6** – co-development and co-validation of the CLIC circular financing, business and governance practical tools;
- ◆ **Objective 7** – Operationalizing the “conservation by adaptation” stressing the importance of preserving authenticity and integrity, and contributing HUL
- ◆ **Objective 8** – Proposing local valid spatial and multi-criteria tools to reconnection fragmented landscapes, through innovative functions, sustainable infrastructures and enhanced visual relationships at macro and micro scale.
- ◆ **Objective 9** – To design and implement a stakeholders-oriented Knowledge and Information Hub
- ◆ **Objective 10** – To contribute to the creation of new jobs and skills in the circular economy through cultural heritage adaptive reuse,





◆ **CIRCULAR MODELS IN HERITAGE ADAPTIVE REUSE REFER TO DIFFERENT LEVELS AND SUBJECTS:**

- **Respect of integrity and authenticity**
- **Materials recycling and re-scaling**
- **Objects reuse and re-scaling**
- **Production and employ (re-employ) processes**
- **Destination of cultural heritage - multifunctionality**
- **Activities associated to cultural heritage**
- **Resilience**
- **Retrofitting**
- **Community/collectivity engagement or simple awareness**





City of Rijeka
European Capital of Culture 2020



I.C.L.E.I
Local
Governments
for Sustainability



ICHEC
BRUSSELS MANAGEMENT SCHOOL

UNIV. RIJEKA +

MUSEUM RIJEKA

CIVIL SOCIETY+NGOs

PORIN AGENCY

ARCHITECTS ASS.

CHAMBER OF ECONOMY

ECOC 2020

P-G-K COUNTY

CENTER OF TECHNICAL
CULTURE

RIHUB CENTER

PRO TORPEDO

FORGET HERITAGE

YOUNG ARCHITECTS
ASSOCIATION

AVTOTROLEJ

TOURISM BOARD

CITY OF
RIJEKA

DIFFERENT
OFFICES
+
(PROMOTION,
ČISTOĆA)



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The 1st HIP held in Rijeka on 4 October 2018, was focusing on the perception mapping methodology

Combined proposals (questionnaires and workshop)

Rijeka		
Cultural heritage to be enhanced	Cultural heritage to be used	Spatial integration needs
Rječina river and the landscape	Reopen the former city beach	Remove the parking area of the bus company
Enhance the connection route from the city centre to the paper factory and the watermills (along the river)	The ship buildings and the waterfront(area between Delta and Molo Longo and the area between Zabic bus station and the train station) belong to the port company and it is an off area for the citizens. Need to give it back to citizens	Expansion the pedestrian zone(or create new pedestrian zone) to the Delta, the water front and the Benčić
Delta and the waterfront along Riva street are parking place and storage at present; these areas should be reused and open to the public.	Zamet cave is not well-known for the public	Landscape design at the Benčić and injuction of more green space in the city centre and Delta area
Molo Longo and cranes (new facilities more activities and cycling/walking path)	Cemetery KOZALA is not well-known for the public	Digitalization of the old city centre
Enhance the public spaces and squares including the Delta area and the square in front of the Nikola Tesla Elementary School. More facilities and green space, new regeneration of the public space	Revitalize the fishing activities	Revive the story of Rijeka as a historical industrial leader. A museum about the industrial history might use the former paper factory
Traditional meals-BAŠKOT , polenta , Ribice and Rapska tora Rabska torta	Local boats and Kalafati craftsmanship	Valorise people's ability and freedom to be authentic
Protect the water resources and increase the awareness about it	conservation project for the covered mosaic square	Protect some buildings
Regenerate all the green parks (mlaka , delta , trsat , nature history museum...)	revitalize the unknown cuisine in Ivan Kobler square-	the dilapidated warehouses area near the train station and some industrial buildings (not in use) along the Rječina river might be delisted
Enhance the Dominikanski samostan (Domnican Convent)	The theatre Fenice should be reused	Ticketing for tourists at Trsat castle and keep it for free for locals
Kiša umbrella designed by local and related to the local climate	Reuse the warehouse near the waterfront	Revitalise the Hartera music festival and develop the local music (rock music)
Revitalise the Galerija Principij		Remove the old zabica bus station and build a new one near the Delta 5
Enhance the conservation project and the regular maintenance of the heritage and historic buildings		New great concert hall
		Žičara-Trsat-network
		new cycling routes cross the city centre
		zip line to Trsat castle
		New religions museum
		Remove the PVC advertising in the old city centre
		Metro-railroad
		New community or cultural centre for citizens and diversity groups
		Improve the communication of the public and participation possibilities
		New international platform can increase the attractive of the city
		New multi-media library



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Identified Priorities

- Rijeka should put emphasis on the cultural and historic attractions/peculiarities beyond socio-cultural, political and religious visions. The multiculturalism of Rijeka is one of its strengths in history (the symbol of the city is the Moro, the black worker);
- The inner city and the meso area needs more green spaces to be dedicated to the citizens in different forms. The city should look towards more sustainable developments, taking advantage of the favourable location and climate
- Regenerate the historic city centre and its landscape, showing the different historical layers;
- Give back to the city and its inhabitants the relationship with water, namely with the urban river and the sea, presently precluded by industrial developments and the port area.
- Give a life to the investments of ECOC, Rijeka 2020, that is assuring that all continues beyond the financing flow for the capital. This is not only related to the objects of the CLIC analysis, but also to the entire urban area.



Barriers and bottlenecks

- One of the main barrier in the long term planning is the lack of financial resources. It seems that most of financial flows are channelled to the capital and other touristic destinations in the countries, thus the long term planning is difficult once the resources for ECOC will be terminated.
- Another essential barrier in the implementation of the participants vision (greener Rijeka, river front redevelopment, city park on the harbour, unconventional artistic venues) is the ownership of the buildings and areas, which is often in different hands, also from other countries.
- Another potential barrier encountered not in the participants but in their description of the residents expectation is the will not to abandon their traditional mobility facilities, as cars, to the detriment of the overall quality of life given by green areas instead of parking lots, pedestrian areas instead of streets, etc.



- Recovery of the river banks (river Rijecina) offering pedestrian walks and rest areas along the path;
- Recovery the Dead River (end of Rijecina closed to the harbour), presently smelling and not enjoyed by the residents and visitors;
- Improvement of the Molo Lungo, the “city park” extension and future location of the Galeb (3rd Case Study of CLIC), to have longer and more enjoyable stays in front of the sea;
- Realization of the city park in front of the sea, hopefully in the present INA (Hungarian Energy Company) refinery area;
- Valorisation of the most important (and not only) monuments of the city, including the RIHUB, the archaeological remains (also covered recently), the industrial buildings in the harbour mainly, of the former mills along the Rjiecina;
- Improving the tourism offer;
- Boost the artistic production in all spheres, from music to theatre as well as city performances;
- Improve the quality of life, for example reducing pollution and creating many more green areas. This include also the change of the present city park into a green park;
- Give value to the multiculturalism of the city as well as to all cultural historical layers (all presences in time, not only the nationalist, recent history);
- Improve the HUL, starting from a better preservation of the architectures, but without forgetting the other components of the local atmosphere.



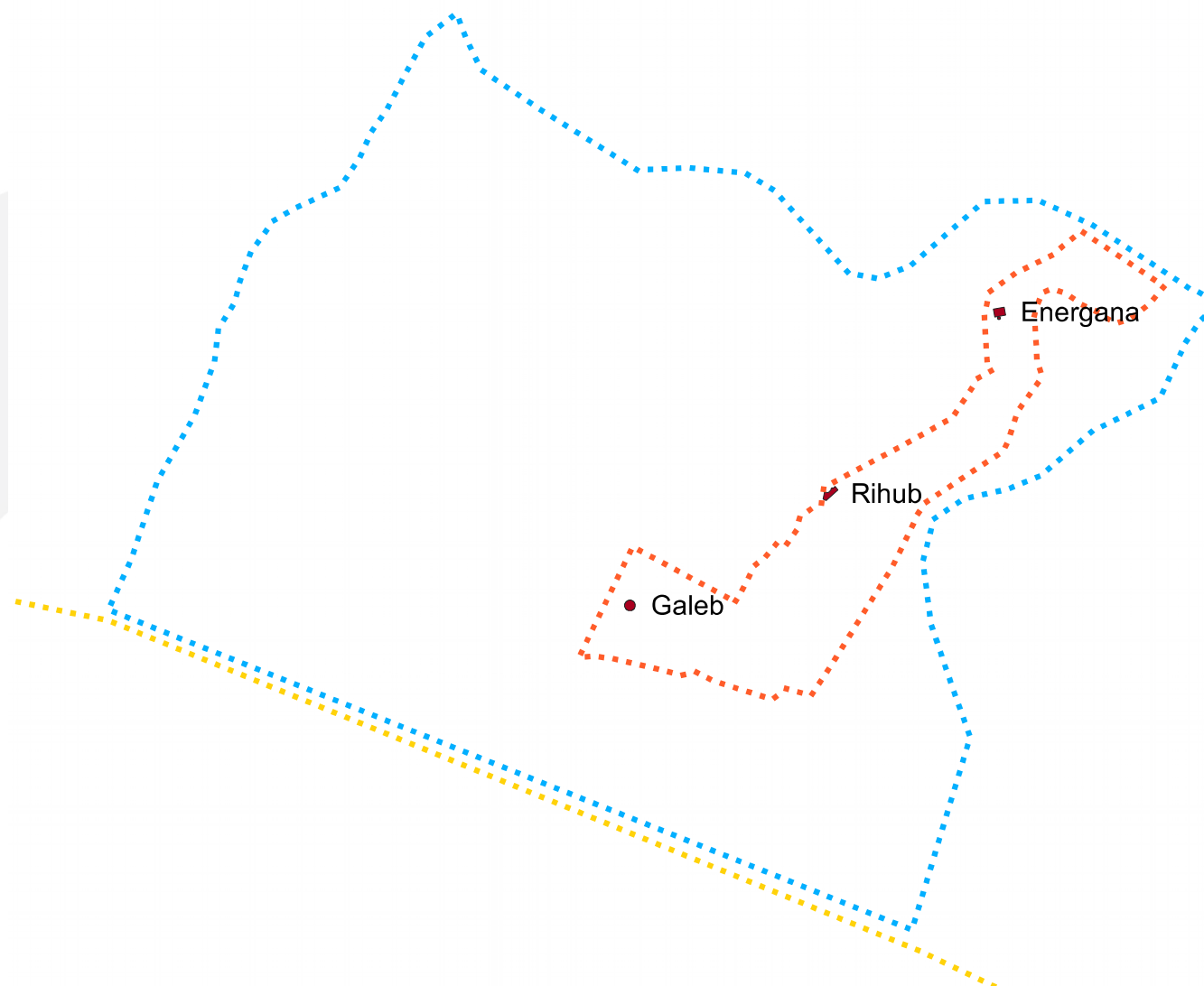


HIP 2

1.3.2019 – 19.3.2019

The 2nd HIP held in Rijeka in March 2019, has been focusing on the **action planning methodology**, based on the results of the first HIP on perception mapping and targeting the main highlighted lacks of the city

The focus has been given to the meso/micro area, considered crucial regeneration, the application of circular economy and preservation of HUL



Main general objectives

1. **Cleaning and reusing the Rijecina**
2. **Revitalising and reusing the water front for leisure and entertainment**
3. **Improve the preservation of the historic cultural heritage of the city**
4. **Improve the internal accessibility but reducing pollution**

Cleaning and reusing the Rijecina

- Restoring the river banks
- Making the river accessible and usable
- Guaranteeing the cleaning of the water
- Providing facilities along the river



Circular Economy?

- Using new materials from recycling?
- Producing green path and parks?
- Introducing phitodepuration solutions?
- Reusing existing buildings? Energana?

**Solutions comes from actions and actions suggest solutions.
How many fields of research/employment could be opened?**



General Objective Revitalisation of Riječina River (Cleaning and reusing) and Delta area	Specific Objective 1.1 Restoring the river banks	Associated Action 1.1.1 - Assessment study of the river banks to identify actual impediments.
		Associated Action 1.1.2 - Planning of the river banks with local consultations (involving also citizens)
		Associated action 1.1.3 - Fund-raising for the action planning, including social economy aspects (i.e. voluntary works, donations, etc.)
		Associated action 1.1.4 - Implementation of works in different spots (namely by improving as soon as possible accesses to the river - paths)
	Specific Objective 1.2 Making the river accessible and usable	Associated Action 1.2.1 - Opening accesses to the river through public spaces (i.e. Avtotroley)
		Associated Action 1.2.2 - Creating safe and usable areas along the river banks (torrent river regulation)
		Associated Action 1.2.3 - Planning pedestrian and cycling route, with associated means of transport and facilities
	Specific objective 1.3 Improving condition of the river and guaranteeing the cleaning of the water	Associated Action 1.3.1 - Policy for clean water and discharge of processed industrial waters (cleaning at the source of the pollution)
		Associated Action 1.3.2 - Finding a proper remediation solution, which will in long term enhance the River Riječina Gorge (example classical; eco-remediation...)
		Associated Action 1.3.3 - Limiting the car traffic and unconventional parking
	Specific objective 1.4 Providing facilities along the river	Associated Action 1.4.1 - organising resting places with benches, green sports, urban furnishing, garbage collection
		Associated Action 1.4.2 - Defining possible leisure and service activities in the available public buildings/rooms (as café, shops, etc.)
		Associated Action 1.4.3 - organising some events for the promotion of the area, potentially including kids

General Objective 2 Creating a Cultural Healthy Corridor by use of existing cultural assets Label making?	Specific objective 2.1 Integrating cultural heritage objects destination reuse	Associated Action 2.1.1 - Alongside preselected Cultural Heritage Objects, identify the urban tissue in the micro area, with impact on its authenticity and integrity.
		Associated Action 2.1.2 - Programmatic analysis in the micro area; associated with cultural activities and its supporting program creating urban buzz (cafes, venues, street festivals etc.) ☾ initiation of cultural quarter / district
		Associated Action 2.1.3 - Place making - participatory multi-level urban planning and management.
	Specific objective 2.2 Implementing the HUL approach	Associated Action 2.2.1 - Issuing a policy document for the preservation of the buildings in line with significance and values/ Defining the area HUL
		Associated Action 2.2.2 - Starting community driven discussions on local authenticity and needs
		Associated Action 2.2.3 - Implementation on several levels (via RLP, via municipality investment, via urban planning and guidance for private investments)
	Specific objective 2.3 Create conditions for stakeholders' collaboration for the area	Associated Action 2.3.1 - Analysis of current participatory programs and good practices by the City of Rijeka (Active Citizenship: Rijeka local partnership (RLP) and its enhancement. To attract private investors to contribute to RLP projects and its implementation.
		Associated Action 2.3.2 - Creation of a platform for guidance (municipality ☾ ☾ investors, citizens, tourists....)
		Associated Action 2.3.3 - Implementation of RLP and other initiatives under HUL principles
	Specific Objective 2.4 Defining a set of cultural heritage employment opportunities	Associated Action 2.4.1 - Employment opportunities in the heritage retrofitting (solar panels, green roofing, photovoltaic, re-greening, etc.)
		Associated Action 2.4.2 - employment opportunities in the business sector managing circular economy (i.e. ROTOR, materials recycling, etc.)
		Associated Action 2.4.3 - employment and business opportunities in reusing heritage (i.e. coworking spaces, community association, repair café', etc.)
	Specific Objective 2.5.3	



General Objective 3 Improve the preservation of the historic cultural heritage of the city	Specific objective 3.1 Establishing a larger public regeneration policy with attention to preservation quality	Associated Action 3.1.1 - City strategy for regeneration (priorities, quarters, focus, good municipal investments as a role models) Associated Action 3.1.2 - Providing help to owners - guidance - to co-create the public space and improve the condition of CH buildings by following the city strategy for regeneration and implementation of HUL (guidance vs. authority). - Providing help to owners (not as authority but as a partner in co-creating of public space - guidance vs. authority). Associated Action 3.1.3 - Issuing manuals to assist repair and maintenance of heritage objects 'houses, furniture, cars, etc.)
	Specific objective 3.2 Establishing a promotional campaign for the area regeneration	Associated Action 3.2.1 - Creating a communication campaign on Rijeka traditional cultural heritage and HUL and labelling the significance of Rijeka as former industrial, port and "open" city Associated Action 3.2.2 - Building retrofitting incentives associated to authenticity respect Associated Action 3.2.3 - Organising events for awareness raising
	Specific objective 3.3 Focus on sustainable cultural tourism	Associated Action 3.3.1 - Defining the sustainability constraints of the city (i.e. greening areas, organic food promotion, km0 products promotion, biking options, etc.) Associated Action 3.3.2 - Establishing a proper tourism campaign based on specific niche differentiating from the rest of the Qvarner Associated Action 3.3.3 - Structuring the network of stakeholders interested in developing the Sustainable tourism, including international partnerships (i.e. Slow Food)

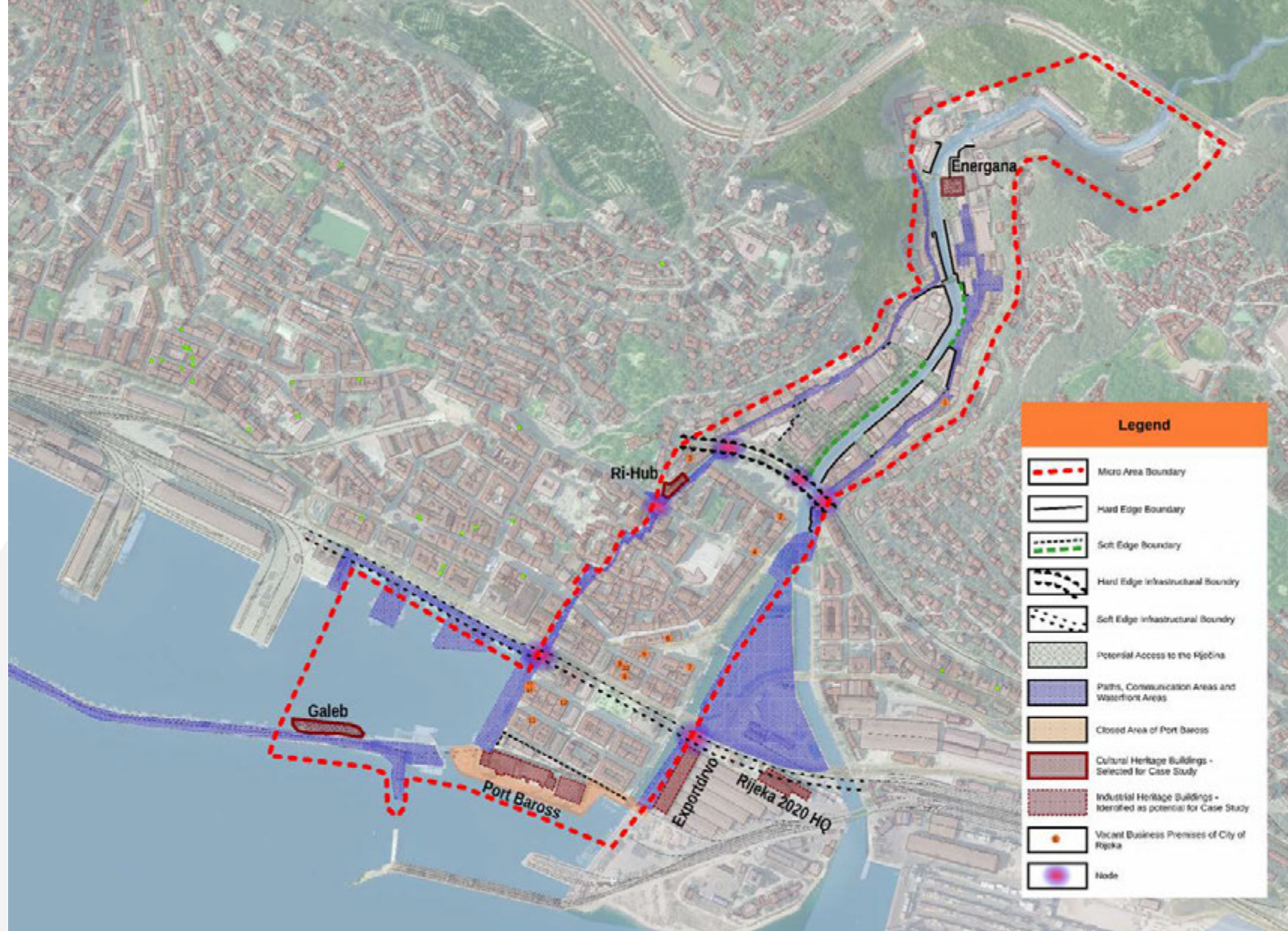
General Objective 4 Improving the internal urban accessibility but reducing pollution	Specific objective 4.1 Increase walkability	Associated Action 4.1.1 - maintenance of sidewalks and stairways, paths, creating safe intersections of walkways with roads, creating safe corridors towards the sea and the river)
		Associated Action 4.1.2 - Offering resting places along the way, including, bar, restaurants, as well as libraries, public buildings, residents houses, etc.
		Associated Action 4.1.3 - Promoting the concept of pedestrianization of the city Initiate creative way of mobility and enhance urban space for people with disabilities.
		Associated Action 4.1.4 -
	Specific objective 4.2 Introduce Policies for slower pedestrianization of the city centre, including HUBs for car parking outside the historic meso area.	Action 4.2.1 - Introduce mobility alternative
		<ul style="list-style-type: none"> • City Bike or assisted biking • Accessibility of mobility impaired (no obstacles) /visually impaired (tactile) and the deaf (visual) • “Prostofer”- Free car services for elderly (Network of volunteers with cars, offering help to those who can not drive anymore or have no-one to drive them) • Kavalir - Free mini shuttle for elderly in the pedestrian zones (Ljubljana City) • escorting young to school to feel safer (Walking-SchoolBus; Bike-Train), etc...
	Specific objective 4.3 Offering spaces reachable by walk/bike with no anger	Action 4.2.2 - Introduce means for mobility retrofitting (i.e. electric/mid fuel,)
		Action 4.3.1 - No car areas creation (i.e. Melbourne 20 minutes areas) Action 4.3.2 - Regreening pedestrian walks and empty spaces in the city



HIP 3

18.06.2019

The intervention areas and the corridor



10:00	Presentation Suzana Belošević
10:05	Presentation UNG, Marco Acri, Maja Debevec, Saša Dobričić
10:20	Task 1: Workshop World Café - Co-Elaboration of the Action plan 4 groups working 30 minutes, moving then to another table. Each of you will discuss 2 general objectives (However free to move from one table to the other)
11:20	Task 2: Sum - How can I contribute? - Stakeholders networking 4 groups working 20 minutes, moving then to another table. Each of you will discuss 3 general objectives related to stakeholders
12.20	Coffe Break
12:30	Task 3: Workshop World Café - Co-Create a new concept of Cultural Heritage uses and functions in a economically sustainable way: Energana, Galeb, Ri-Hub, Harbour 4 Groups discussing the synergies on 4 different criticalities to be tackled by the action plan, namely cultural heritage buildings, vacant public buildings, vacant areas along the Riečina and harbour, cultural corridor.





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THANKS FOR YOUR ATTENTION!!!

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