LIFE IP Urban Klima 2050

3rd ADAPTtoCLIMATE Conference

19th-20th April 2021







The Basque Country (Euskadi)

GOVERNANCE

- Basque Government
- Public societies/agencies/bodies
- 3 Provincial councils
- County entities
- Hydrographic confederations
- City councils
- Demarcation of coasts of the Basque Country





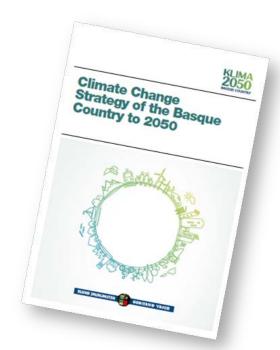




Basque Climate Change Strategy - KLIMA 2050



ACTION PLANS







Basque Climate Change Strategy - Objectives and Goals

Objective 1: MITIGATION

- To reduce greenhouse gas emissions by 2050
- To increase renewable energy consumption by 2050

Under revision

Objective 2: ADAPTATION

 Ensure the resilience of the territory



1. Commitment to a low-carbon energy model



4. Making the natural environment more resilient



7.
Anticipating



2. Moving towards zero-emissions transport



5. Making the primary sector more resilient and cutting its emissions



8. Driving innovation, improvement and knowledge transfer



3. Increasing the efficiency and resilience of the territory



 Reducing the amount of municipal solid waste generated and zero untreated waste dumping



 Exemplary and responsible Basque
 Public Administration: a benchmark in climate change





Life IP Urban Klima 2050- In numbers

The Basque Country's largest climate action taking place

19,8 6 years duration Direct investment of 20 partners 40 specific actions 19.8 million euros to be addressed (10.2 million from the European Union) URBAN X L I M A RIVER BASINS COAST 205 % 2 0 5 9 205 %





Life IP Urban Klima 2050- Who we are











ENERGIAREN I

EUSKAL ERAKUNDEA ENTE VASCO DE LA ENERGIA

AZTI































Life IP Urban Klima 2050- Structure

DIAGNOSIS

A.1 Reviewing the Klima 2050 Strategy under continuous improvement approach A.2 Extension of the climate risk

assessment in the Basque Country

DEFINING FOR ACTION

C.1 Establishment of guidelines for Definition of best actions to face the CC in the Basque Country. Definition of the Guidelines to integrate the climate change in the Land and Urban Planning Priorization of actions to face the climate change in the Basque Country (multi-criteria analysis)

to manage the land

PILOTING / DEMONSTRATION

.2		Integration of climate change in territorial and urban planning
	C.2.1	Effective integration of the Klima 2050 Strategy in the planning of the Territory
	C.2.2	Analysis of municipal emergency plans (MEP): integration of the alert system
.3		Integration of Climate Change in sectoral policies
	C.3.1	Integration of climate change in health policies
	C.3.2	Integration of climate change in energy policies
	C.3.3	Integration of climate change in water policy
.4		Pilot of intervention in the local area (urban & regional)
	C.4.1	Nature-based solutions (NBS) and their co-benefits in the urban environment
	C.4.2	Peri- urban green infrastructure to improve the resilience of the territory
	C.4.3	Sustainable mobility, emission reduction, healthy life
	C.4.4	Development of renewable energy demonstration projects
.5		Pilots of intervention in river basins
	C.5.1	Nature-based solutions (NBS) in river basins
	C.5.2	Adaptation measures in relation to water supply
.6		Pilots in Coastline
	C.6.1	Adaptation in the urban coast
	C.6.2	Adaptation on the port coast

C.6.3 Adaptation measures in natural coast

Strategy 2020 review

STRENGTHENING FOR

Impulse of commitment and

C.7

		empowerment of the population
	C.7.1	Citizen education
	C.7.2	Citizen science platform
C.8		Promoting the empowerment of the administration as a driver of change
	C.8.1	Strengthening of the technical capacities and training in climate change
	C.8.2	The public procurement sector as a driver of change
	C.8.3	Generation of tools and training for local entities
	C.8.4	Coordination with other funding mechanisms

CLIMATE GOVERNANCE

C.9		Creation of structures for the CC governance
	C.9.1	Climate Change Hub: observation and monitoring system
	C.9.2	Analysis on the mainstreaming of the Klima 2050 Strategy in regional policies that affect large urban population centers
	C.9.3	Design of new governance models for action on climate change

MONITORING PROJECT IMPACT

	Г			
	D.1	Monitoring the project's contribution to the implementation of the Klima 2050 Strategy		
		D.2	Monitoring the project's impact on climate objectives	
l	D.3	Monitoring the project's socio-economic impact		
		D.4	Monitoring of impact in cross-sectoral policies	

COMMUNICATION AND DISSEMINATION

E.1	Notice Boards
E.2	Project Website
E.3	Communication & dissemination activities
E.4	Networking with other projects
E.5	Layman's Report

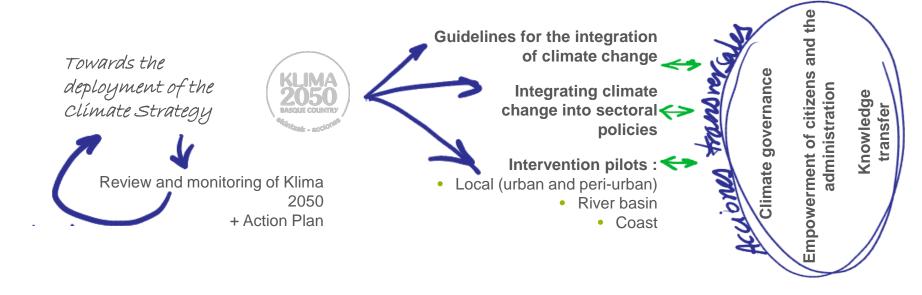
PROJECT MANAGEMENT

E.1	Project management		
F.2	Compilation of information for the indicator tables		
F.3	After-LIFE Plan		





Life IP Urban Klima 2050- In brief





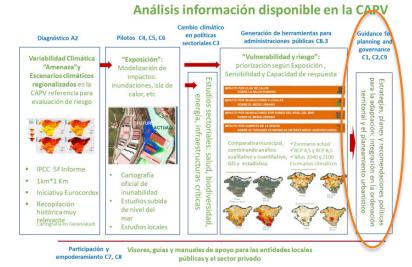


DEFINING FOR ACTION

C.1 Planning guidelines

C.1.2 Guidelines to integrate climate change in territorial and urban planning

- Systematic analysis of information
- Identification of points to integrate CC into urban planning tools
- Co-creation of methodological approaches







C.2 Integrating CC in territorial and urban planning

C.2.1 Integration of the Klima 2050 Strategy in spatial planning (related to C.1.2)

Pilot project- adaptation to CC in the Punta Zorrotza Special Plan (in Bilbao)





C.2.2 Assessment of municipal emergency plans

- · Methodology to update municipal emergency plans taking CC into account
- Pilot project- Donostia-San Sebastián (rain, temperature, wind, rising sea)





C.4 Intervention pilot at local level (urban & supra-municipal)

C.4.1 Natural solutions and their co-benefits in the urban environment

- Methodologies/tools to select, design and implement NBS at municipal level
- Pilot projects in the 3 capitals and monitoring of results

C.4.2 Peri-urban green infrastructure for the improvement of the resilience of the territory

- 1. Recovery of degraded areas and organic agriculture
- 2. Agroecological park
- 3. Restoration of degraded spaces
- 4. Agroecological classification 1:50.000



5. Recovery of native species



6. Naturalisation

of a dam

7. Green infrastructure network













C.5 Intervention pilots in river basins

C.5.1 Nature based solutions in river basins

- Estepona river- the creation of an urban marsh
- Errekatxulo river- its re-naturalisation
- Reforestation of riverside forests-Natura 2000 network in Álava



C.5.2 Adaptation measures in relation to water supply

Analysis of water supply alternatives (Baia river) based on CC scenarios





C.6 Intervention pilots in coastal areas

C.6.1 Adaptation in the urban coast

- New tools to prevent risks
- Pilot project in Zarautz (video monitoring and proposals to minimize damage)











STRENGTHENING FOR SUCCESS

C.8 Promoting the empowerment of the administration as a driver of change

C.8.1 Strengthening technical skills and training in CC in public administrations

Integration of CC in the training of the Public Administrations' staff

C.8.2 Using public procurement as a driver for change towards a low-carbon economy

- Criteria for purchasing/hiring products/services low-carbon economy
- Methodology for the calculation of result indicators
- Public Procurement guide for CC

C.8.3 Generating tools and trainings for local councils

- Support programmes: pilots in urban areas and development of comprehensive CC plans
- Tools to report to the "Covenant of Mayors for Climate and Energy"
- Tools for the calculation of GHG emissions at district level





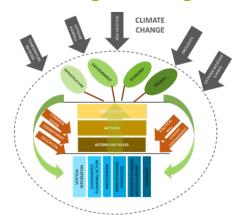
STRENGTHENING FOR SUCCESS

C.9 Creating climatic governance structures

C.9.1 Climate Change Hub: observation and monitoring system

- "Hub" to aggregate existing and future knowledge (observe and monitor CC)
- Dissemination of CC related information in formats adapted to different audiences

C.9.3 Design of new governance models for action on climate change



- Analysis- CC governance models at regional, territorial and municipal level
- Transfer of European and international benchmarks to the Basque Country







Life IP Urban Klima 2050- Networking







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