

Collaboration projects

CI+IRU

CAVIAR Research Group

Quality of Life in Architecture
Department of Architecture
University of the Basque country

Urban Regeneration Service

Directorate of Territorial Planning and Urban

Agenda
Basque Government



Strategic policies of the Urban Regeneration service

1. Urban Vulnerability Inventory

2. Long-term intervention strategy for the Basque Country's building stock

3. OpenGela

4. Research, Innovation and Smart Specialisation Strategy (RIS3) (Basque Country Science, Technology and Innovation Plan 2030)

5. CI+IRU_Centre for Research and Innovation in
Urban Regeneration

Urban Vulnerability Inventory

Dimensions or Vulnerability Parameters

- SOCIAL VULNERABILITY
- HABITABILITY
- ACCESSIBILITY
- STABILITY
- ENERGY EFFICIENCY
- BUILDING AND POPULATION DENSITY

PRIORIZATION (census section scale)

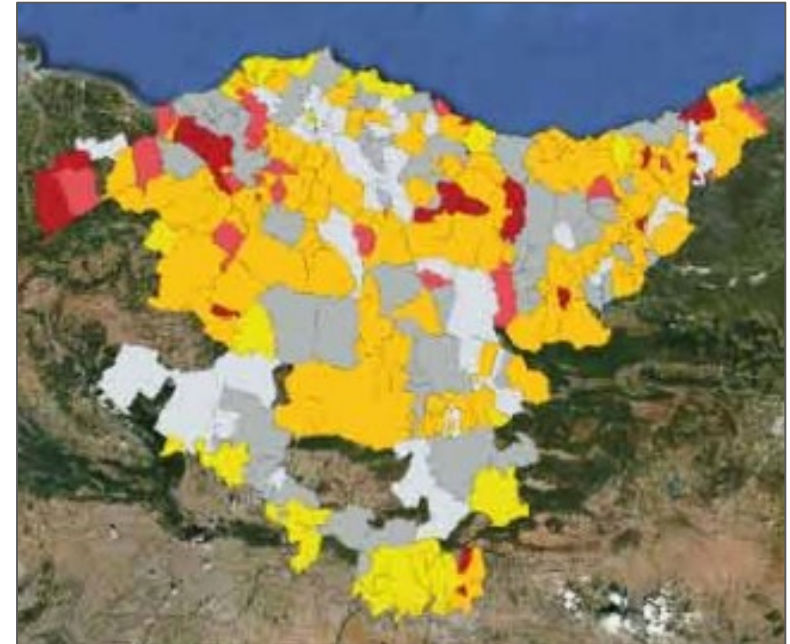
- To define **REHABILITATION STRATEGIES** and
- To establish **PRIORITIES AND INTERVENTION STRATEGIES**

Diagnosis of needs for intervention in renovation of the building stock in the Basque Country (2011/12)

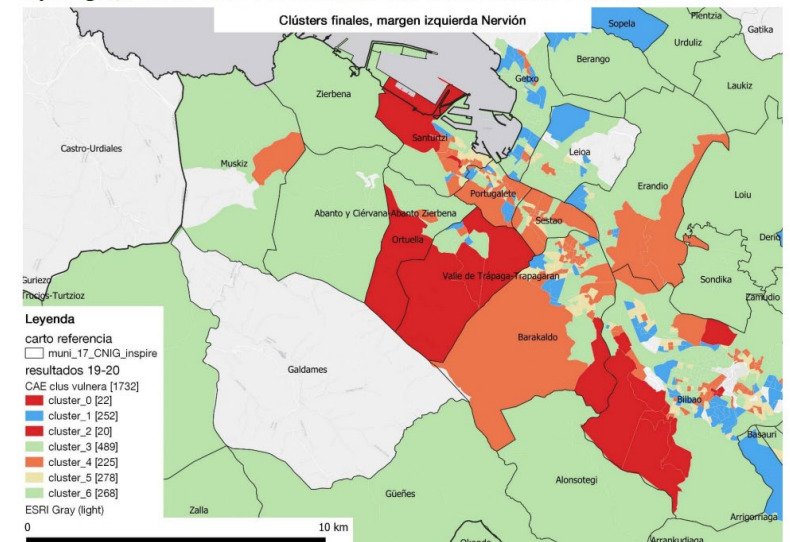
Teamwork: CAVIAR (UPV/EHU), GIAU+S (UPM) and Tecnalia

Update of identification and geo - typology model of vulnerable urban areas in the Basque Country (2020)

Teamwork: Quor.c.i.



Tipología, clúster 0. Áreas Urbanas de ALTA VULNERABILIDAD



Long-term intervention strategy for the Basque Country's building stock

Preliminary study for the preparation of a long-term Action Plan for the Basque Country's building stock (2019)

Directorate of Territorial Planning. Urban Planning and Urban Regeneration, Basque Country
Caviar (UPV/EHU), Albert Cuchí (UPC) and Cíclica

SÍNTESIS TIPOLOGÍAS ARQUITECTÓNICAS DE LA CAPV

	UNIFAMILIARES		PLURIFAMILIARES			
	ENTRE 1 Y 3 PLANTAS	ENTRE 4 Y 6 PLANTAS	ENTRE 1 Y 3 PLANTAS	ENTRE 4 Y 6 PLANTAS		MÁS DE 6 PLANTAS
ANTERIOR A 1900						
1901 - 1940						
1941 - 1960						
1961 - 1980						
1981 - 2006						
2007 - 2013						

CHARACTERISATION OF THE BUILDING STOCK

- Phase 1. Architectural characterization
- Phase 2. Energy characterization
- Phase 3. Economic characterization

DIAGNOSIS AND RENOVATION STRATEGIES

- Building scale / Territorial vision
- Intervention menus for Energy refurbishment

COMPREHENSIVE RENOVATION STRATEGY

BUILDING PASSPORT

Definition of the strategy and the building passport as a tool for renovation (2020-22)

Dept. of Territorial Planning. Urban Planning and Urban Regeneration, Basque Country

Albert Cuchí (UPC), Cíclica, Caviar (UPV/EHU),

OpenGela: Neighbourhood office network for urban regeneration

A project that seeks to extend urban regeneration in the Basque Country and uses a innovative instruments to do so:

"The creation of neighbourhood offices that act as a single point of contact to assist the neighbourhood".



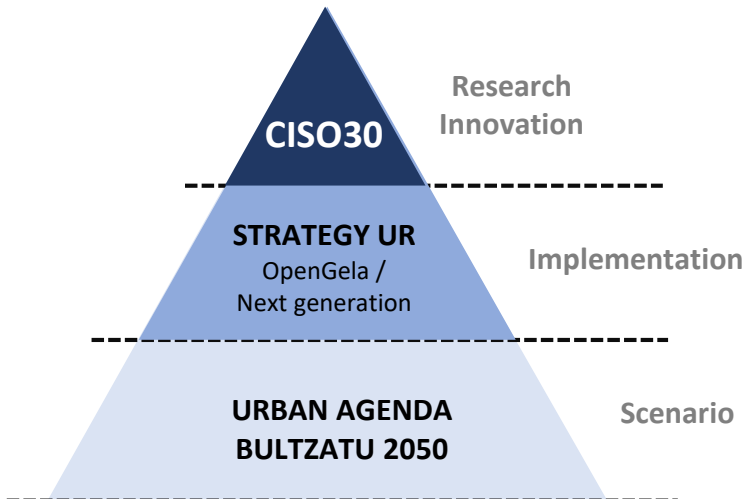
CASE STUDIES:

- Bilbo, Eibar
- Durango, Lasarte-Oria
- Abanto-Zierbena, Trápaga and Santurtzi

RIS3: Basque Country Science, Technology and Innovation Plan 2030

STRATEGY CISO30 (Sustainable Cities)

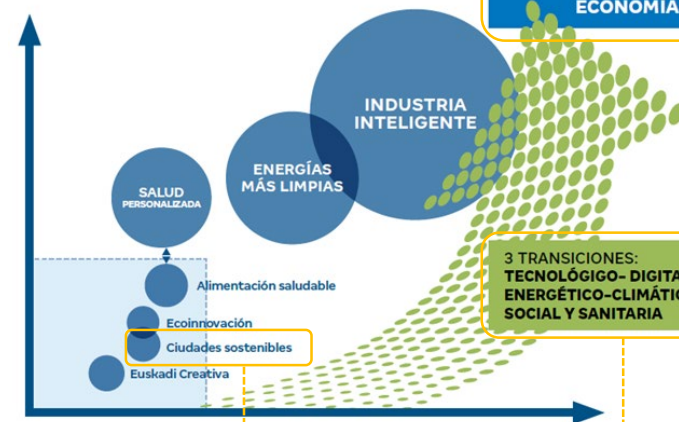
Plan for the revitalization and promotion of innovation in the field of sustainable cities in the Basque Country.



PCTI Basque Country 2030

Science, Technology and Innovation Plan Basque Country 2030

ESPECIALIZACIÓN INTELIGENTE



INICIATIVAS TRACTORAS TRANSVERSALES:
ENVEJECIMIENTO SALUDABLE
MOVILIDAD ELÉCTRICA
ECONOMÍA CIRCULAR

3 TRANSICIONES:
TECNOLÓGICO- DIGITAL +
ENERGÉTICO-CLIMÁTICA +
SOCIAL Y SANITARIA

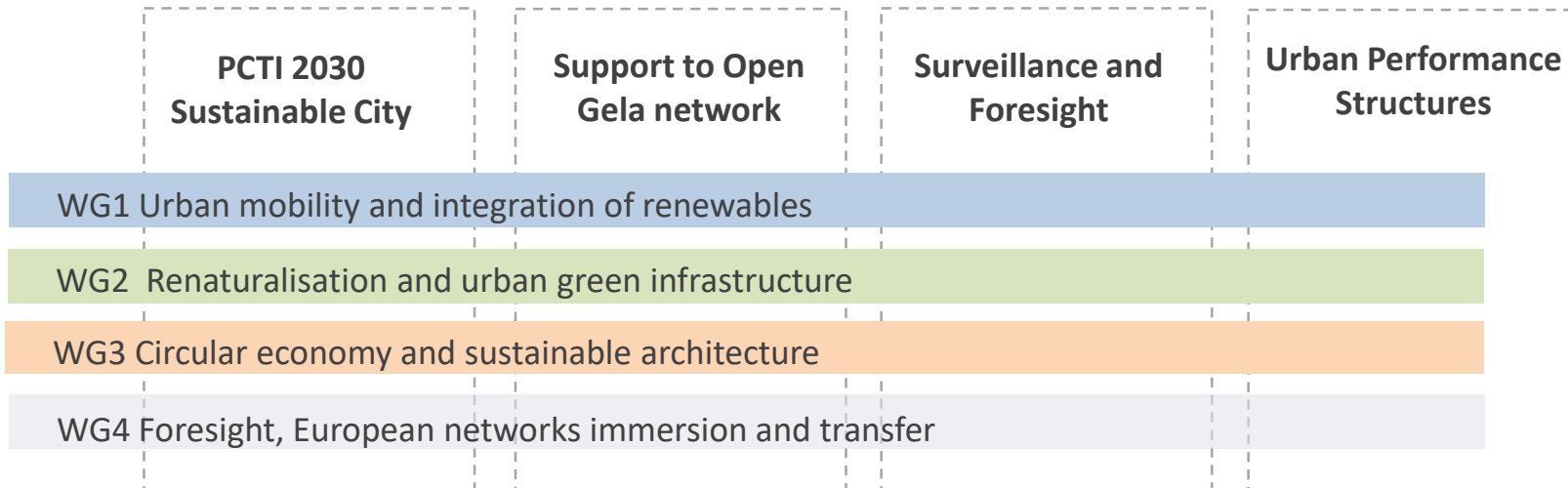
PCTI: Basque Country Science, Technology and Innovation Plan 2030

CiSo30_Dynamization and implementation of PCTI Euskadi 2020-2030 in the field of sustainable cities (2020-2021)

Directorate of Territorial Planning. Urban Planning and Urban Regeneration (Basque Government) and CAVIAR (UPV/EHU)

BOOSTING INNOVATION SUSTAINABLE CITY

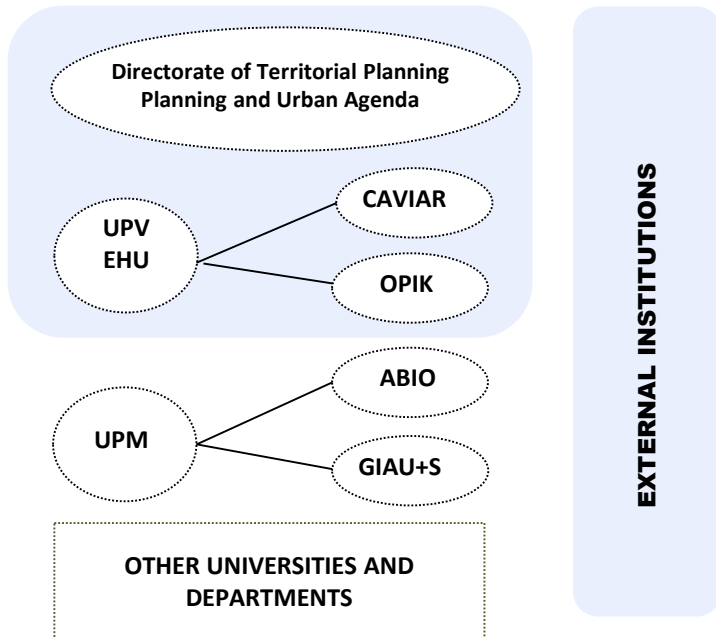
STRATEGIES HIGHEST POTENTIAL + TRANSFER + IMPLEMENTATION



CI+IRU_Centre for Research and Innovation in Urban Regeneration

CI+IRU_Centre for Research and Innovation in Urban Regeneration (2021-now)

Directorate of Territorial Planning, Urban Planning and Urban Regeneration, (Basque Government) and CAVIAR (UPV/EHU)



PROJECTS AND TRANSFER

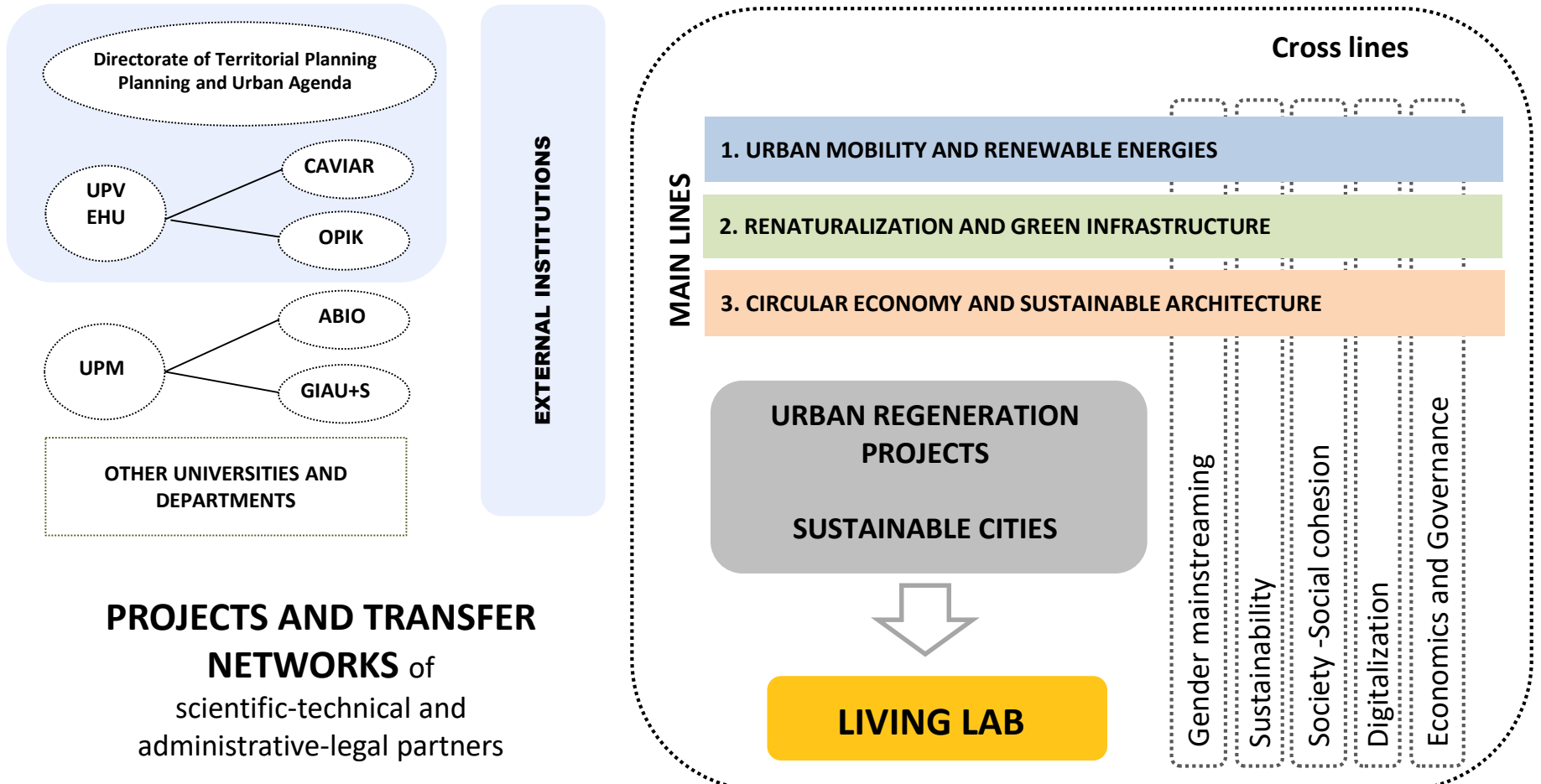
NETWORKS of

scientific-technical and
administrative-legal partners

CI+IRU_Centre for Research and Innovation in Urban Regeneration

CI+IRU_Centre for Research and Innovation in Urban Regeneration (2021-now)

Directorate of Territorial Planning, Urban Planning and Urban Regeneration, (Basque Government) and CAVIAR (UPV/EHU)



CI+IRU_Centre for Research and Innovation in Urban Regeneration

Urban regeneration service Basque Country

UNIVERSITY CENTRE

Multidisciplinary research groups

CAVIAR research group, Quality of life in architecture

OPIK research group, Social Determinants of Health and
Demographic Change

ISEAK Foundation, initiative for socio-economic analysis and
knowledge

**Basque Finance
Institute**

EIG (Economic
Interest Grouping)
Clusters



R+D+i SUPPORT OF THE EUSKADI URBAN AGENDA

- MULTI-LEVEL AND MULTI-STAKEHOLDER GOVERNANCE

Thank you very much for your attention