

## INCORPORATING CLIMATE CHANGE IN TERRITORIAL PLANNING

# SECTORIAL TERRITORIAL PLAN FOR COASTAL PROTECTION AND MANAGEMENT OF THE AUTONOMOUS COMMUNITY OF THE BASQUE COUNTRY



# INDEX

Introduction

Legal framework

Document origin and drafting process

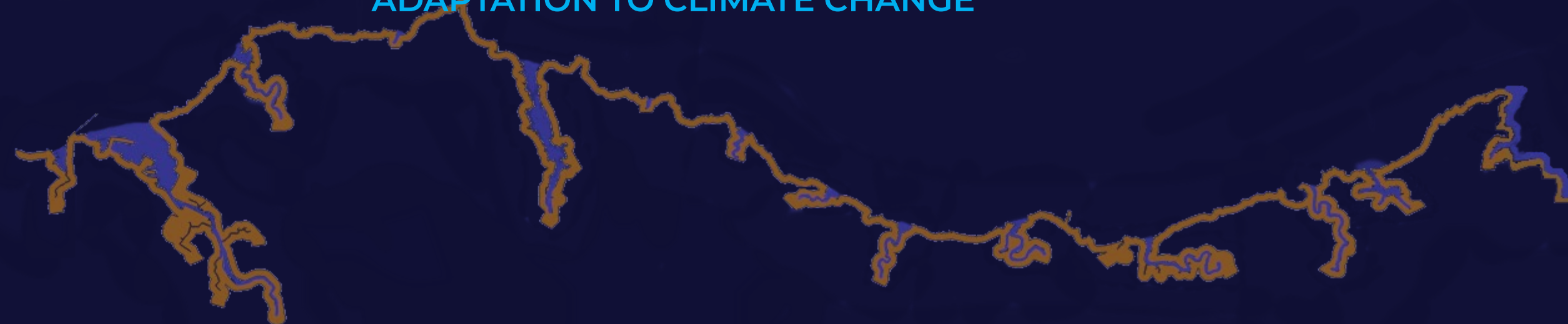
Compliance with Territorial Planning - Regulations

Description of the scope of the Plan

Objectives

Summary of the content:

**ADAPTATION TO CLIMATE CHANGE**



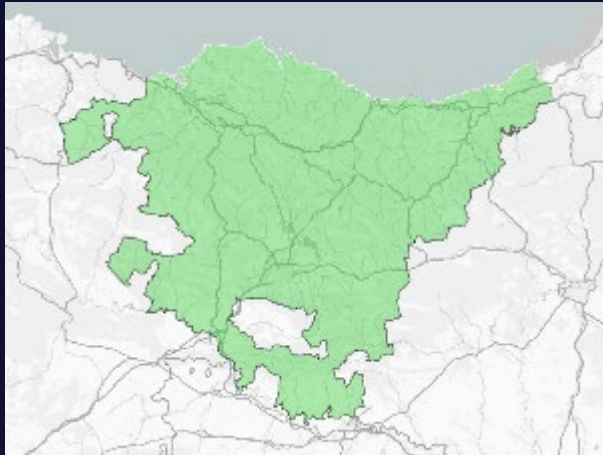
# TERRITORIAL-URBAN PLANNING.

Different administrations competencies

## REGION

**BASQUE GOVERNMENT**

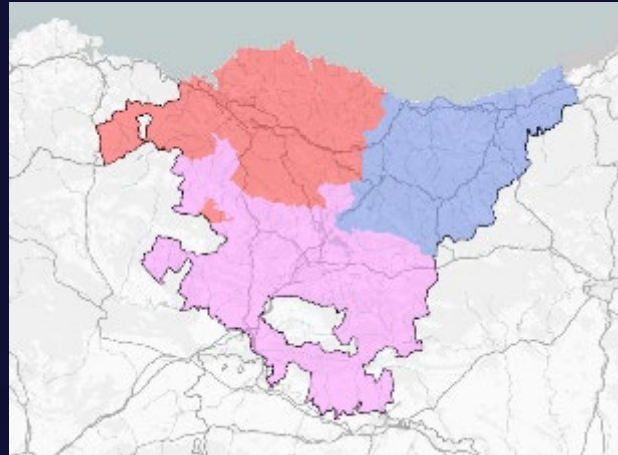
Department of Housing  
and Urban Agenda



Work scale:  
Regional and territorial  
planning

## Historical Territories

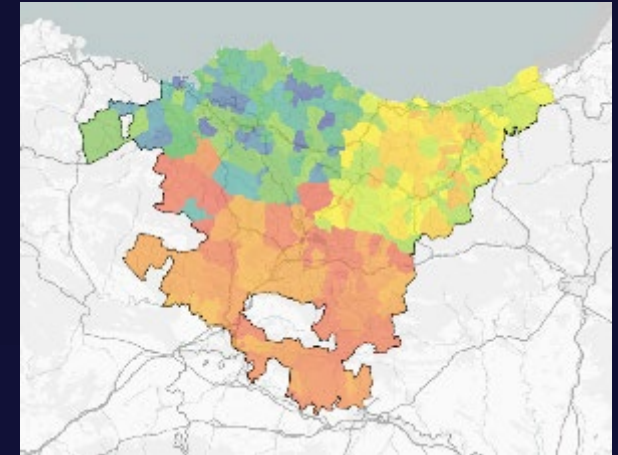
Araba/Álava  
Bizkaia  
Gipuzkoa



Work scale:  
Territorial planning

## Municipalities

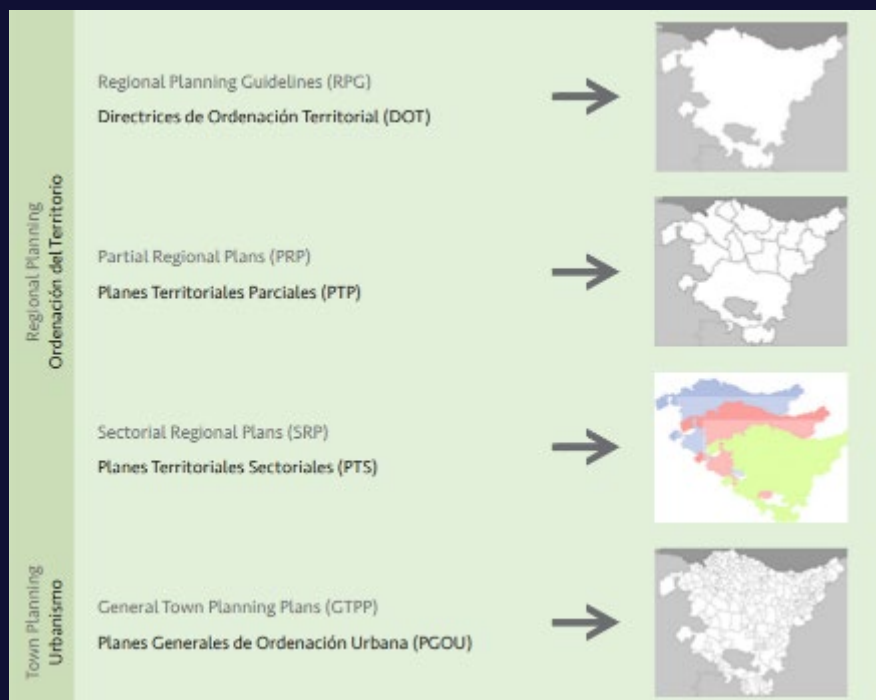
252



Work scale:  
Urban planning

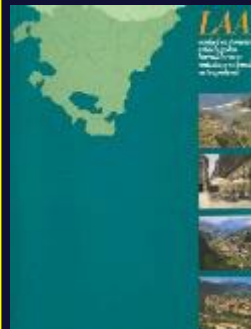
# TERRITORIAL PLANNING. LEGAL FRAMEWORK

Law 4/1990, of 31 May,  
on Spatial Planning in the Basque Country.



## Regional Planning Guidelines

1997



2019



## APPLICABLE REGULATIONS

### Planning Categories

- Special Protección
- Environmental improvement
- Forestry
- Agro-Livestock and Countryside
- Mountain Pastures
- Surface Water Protection

Uses in physical environment: **definition and regulation**

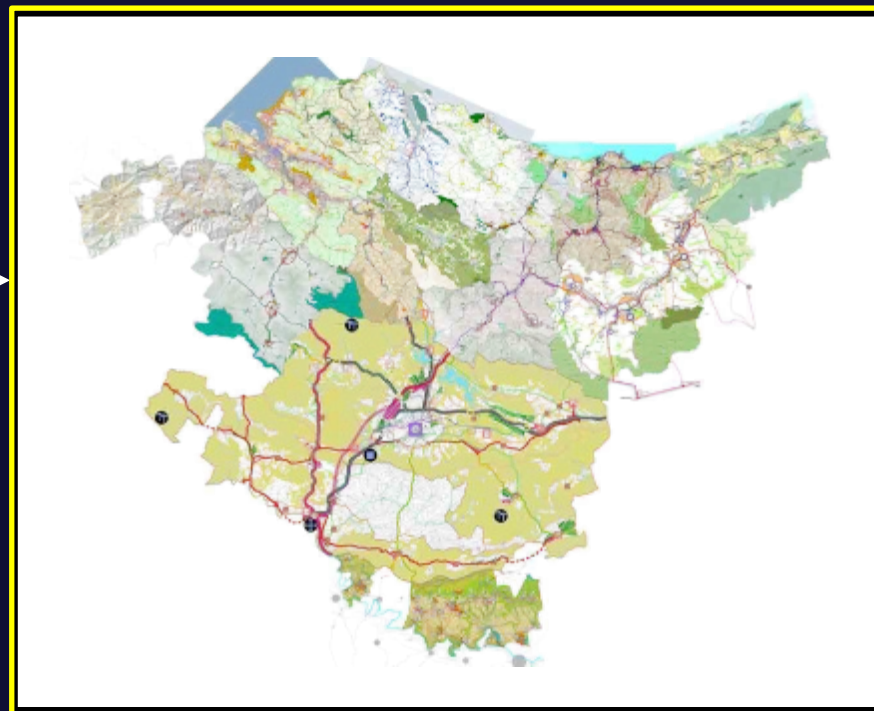
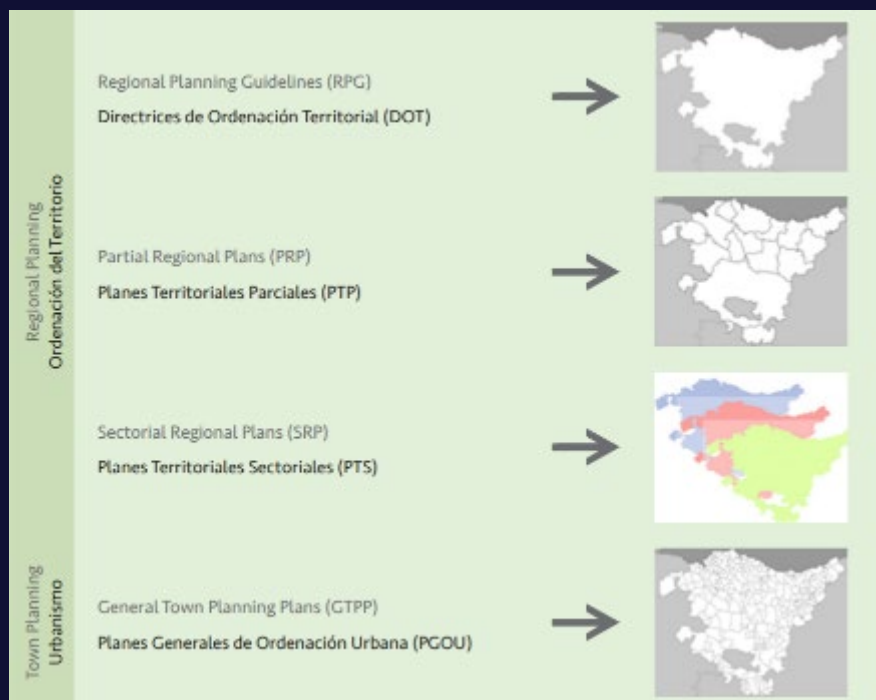
### Overlapping conditions

- On natural and climate-change risks:
  - Aquifer vulnerability
  - Geological risks
  - Foodable áreas
  - Risk associated with **Climate Change**
- On green infrastructure:
  - Spaces protected for their environment values
  - Ecological corridors

# TERRITORIAL PLANNING. LEGAL FRAMEWORK

Law 4/1990, of 31 May,  
on Spatial Planning in the Basque Country.

## Partial Territorial Plans. 15 functional areas

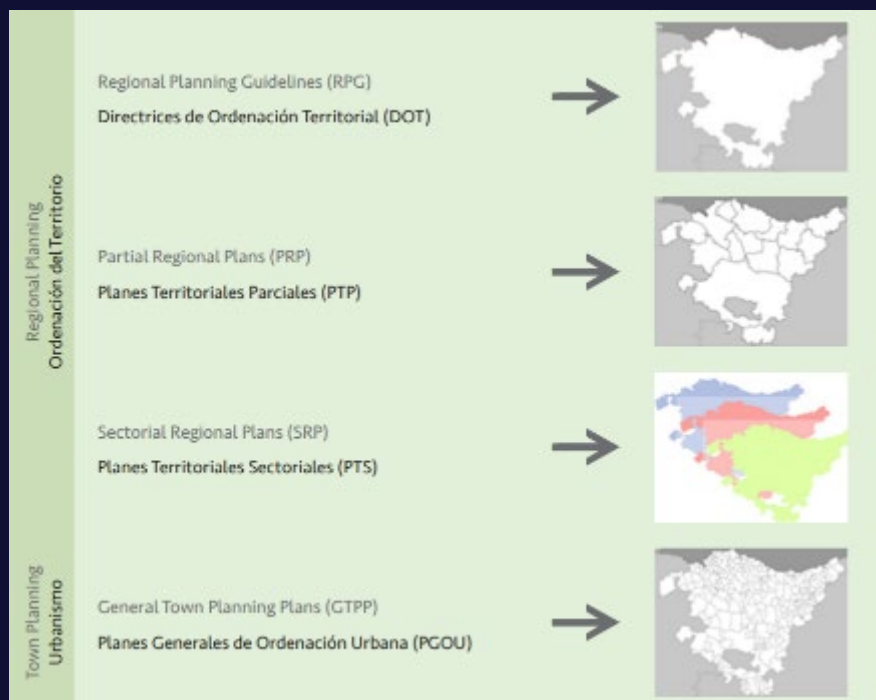


Mosaic of territorial model maps

# TERRITORIAL PLANNING. LEGAL FRAMEWORK

Law 4/1990, of 31 May,  
on Spatial Planning in the Basque Country.

## Sectorial Territorial Plans. 10



### Rivers



### Railway



### Agroforestry



### Economic activities



### Subjects developed:

- Agroforestry
- River and stream management
- Wetlands
- Coastal protection and management
- Creation of land for economic activities
- Wind energy
- Railway network
- Roads
- Bike lanes
- Waste

# Drafting process of the Sectorial Territorial Plan review– Coastal STP (PTS Litoral)-



**2007**

Final Approval of the **Sectorial Territorial Plan** for the **Protection and Management of the Coastline** of the Basque Country

**2019**

Drafting of the **Preliminary Studies** for the review of the Coastal STP

**2021**

Process of de participation and dissemination of **Preview Document**

**2025**

**Initial approval** of the document



# Compliance with new Territorial Planning-Regulations

## Regional Planning Guidelines (RPG 2019)

### Partial Territorial Plans (PTP)

- Mungialdea
- Busturialdea- Artibai
- Bajo Deba
- Urola Costa
- Donostialdea

### Sectorial Territorial Plans (STP)

- Agroforestry (2014)
- Management of rivers and streams (2013)
- General road plan of the Basque Country (2020)
- Bike lanes (Gipuzkoa 2013; Bizkaia 2023)
- Renewable energies (provisional approval)



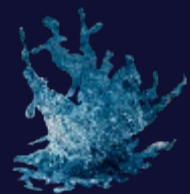
### Environmental planning

- **Natura 2000 network:** new special conservation areas SCA
- New protection figures:
  - Special Protection Plan for the Coastal Section Deba-Zumaia (2009)
  - Master Plan for the use and management of the Urdaibai Biosphere Reserve-2016



### Legislation and strategies on climate change:

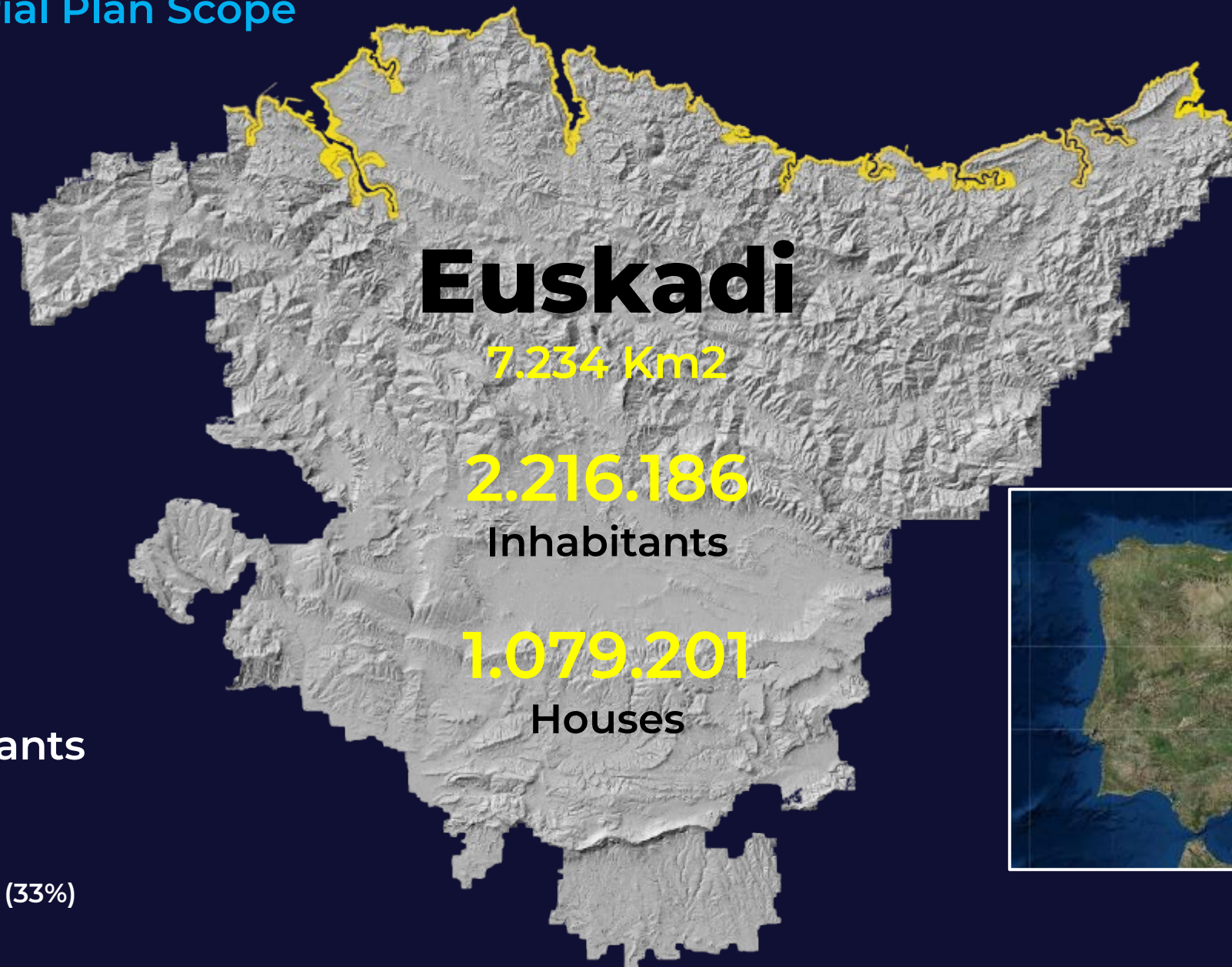
- Sustainable development goals of the 2030 Agenda (goal 13 Climate Action)
- Law 7/2021 on Climate Change and Energy Transition (State)
- Law 1/2024 on Energy Transition and Climate Change (Euskadi)
- National Plan for Climate Change Adaptation 2021-2030
- Basque Country Climate Change Strategy 2050



### Other sectoral regulations

- Law 22/1998 on Coasts.
- Law 2/2013 on the Protection and Sustainable Use of the Coastline.
- Hydrological Plan (Third cycle 2022-2027) – RD 449/2023
- Flood risk management plans
- Maritime Spatial Planning of the North Atlantic Marine District
- Law 2/2018 on Port and Maritime Transport law of the Basque Country.
- Law 38/2015 on railway sector
- Legislation and highway master plans.
- Airport master plans

# Sectorial Territorial Plan Scope



**STP scope**

**229 Km<sup>2</sup>** (3% Euskadi)

**Population:**

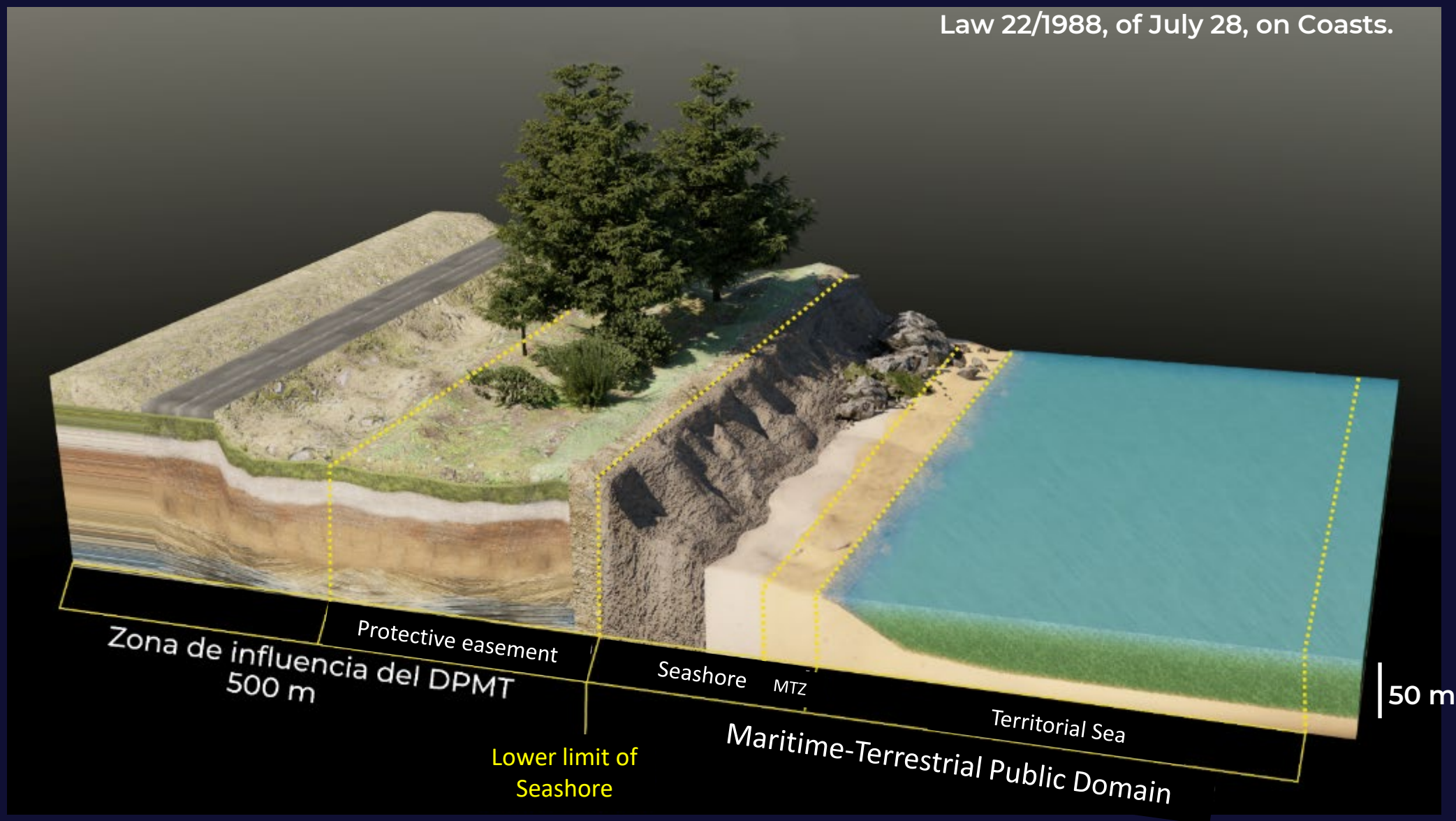
**707.635** inhabitants  
(32%)

**359.684** homes (33%)



# Sectorial Territorial Plan Scope

Law 22/1988, of July 28, on Coasts.



# Characteristics of STP scope



120 km from East to West



275 linear km of coastline



## Singularities of the scope of the Plan

### Tidal river or estuary



### Urban centers



## Tidal rivers or estuaries (14)

|               |         |
|---------------|---------|
| 1. Barbadun   | 4,4 km  |
| 2. Ibaizabal  | 15 km   |
| 3. Butron     | 8 km    |
| 4. Estepona   | 0,8 km  |
| 5. Oka        | 12,5 km |
| 6. Lea        | 2 km    |
| 7. Artibai    | 3,5 km  |
| 8. Deba       | 5,5 km  |
| 9. Urola      | 5,7 km  |
| 10. Iñurritza | 2,4 km  |
| 11. Oria      | 11 km   |
| 12. Urumea    | 9,7 km  |
| 13. Oiartzun  | 4,1 km  |
| 14. Bidasoa   | 11 km   |



Estuary of Lea (Lekeitio)

# Singularities of the scope of the Plan



## Beaches (41)

- Open Spaces General System in Maritime-terrestrial Public Domain
- Special Protection

Beaches  
Dunes  
Marshes  
Infrastructures



Beach of Lekeitio

# Singularities of the scope of the Plan

Beaches  
**Dunes**  
Marshes  
Infrastructures



## Dunes (12)



1. Barbadun: La Arena (3)
2. Butroi: Gorliz
3. Urdaibai: Axpe- San Bartolome  
San Cristobal; Kanala / Kanalape
4. Playa de Laga
5. Urola (2)
6. Iñurritza (2)

### Main effects of climate change in Dunes:

- Erosion and loss of surface
- Damage to the associated vegetation



Dunes of Iñurritza (Zarautz)

# Singularities of the scope of the Plan



## Marshes (29)

Beaches  
 Dunes  
**Marshes**  
 Infrastructures



1. Barbadun: Pobeña

2. Butron: Txipios, Gasteluondo, Ikuskitzza, Junkera, Palados, El Abanico, San Juarena, Txakurzulo

3. Urdaibai

4. Lea: Islotes de Loibekua, playa de fangos

5. Artibai: Arrabeta-Goitiz

6. Deba: Lasao, Casacampo

7. Urola: islotes, fangos y marismas tramo medio, Bedua, Santiago

8. Iñurritza

9. Oria: Santiago, Motondo, Olaberrieta, Itzao, Tramo anterior, Saria, Altxerri

10. Txingudi

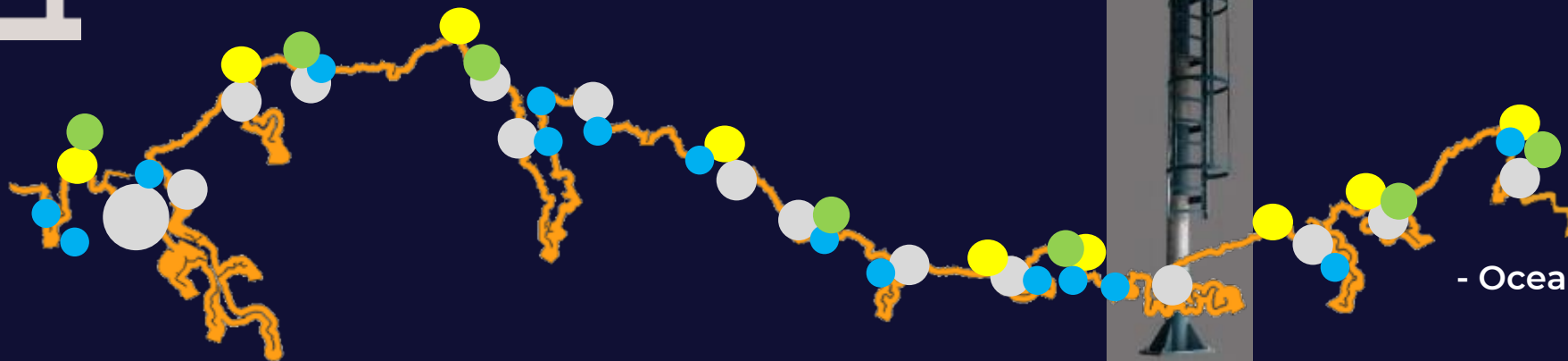


Marshes of Bedua (Zumaia)

# Singularities of the scope of the Plan



## Infrastructures



Beaches  
 Dunes  
 Marshes

## Infrastructures

- Ports
- Lighthouses
- Treatment plants
- Oceanographic platforms

### Ports (20):

|          |                 |
|----------|-----------------|
| Bilbao   | Mutriku         |
| Getxo    | Deba            |
| Plentzia | Zumaia          |
| Armintza | Getaria         |
| Bermeo   | Orio (2)        |
| Mundaka  | Donostia        |
| Ea       | Pasaia          |
| Lekeitio | Hondarribia (2) |
| Ondarroa |                 |

### Lighthouses (11):

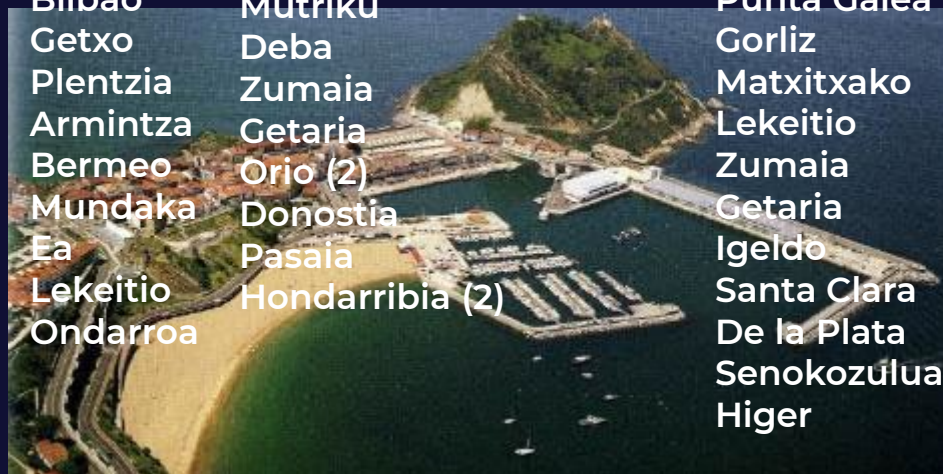
Punta Galea  
 Gorliz  
 Matxitxako  
 Lekeitio  
 Zumaia  
 Getaria  
 Igeldo  
 Santa Clara  
 De la Plata  
 Senokozulua  
 Higer

### Treatment plants (23):

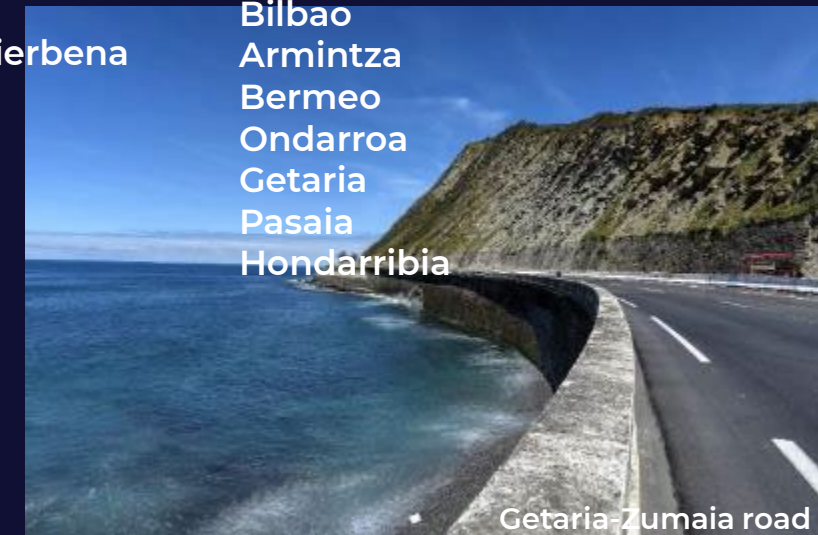
Barbadun: Kobaron, Muskiz  
 Nerbioi-Ibarzabal: Galindo, Zierbena  
 Butroi: Gorliz, Armintza  
 Estepona: Bakio  
 Oka: Lamiaran, Elantxobe,  
 Ibarrangerlu, Laga, Laida  
 Lea: Ea, Ispaster, Lekeitio  
 Artibai: Ondarroa  
 Mutriku, Deba-Itziar  
 Urola: Zumaia, Getaria  
 Oria: Zarautz  
 Urumea: Loiola  
 Bidasoa: Txingudi

### Oceanographic platforms (7):

Bilbao  
 Armintza  
 Bermeo  
 Ondarroa  
 Getaria  
 Pasaia  
 Hondarribia



Getaria



Getaria-Zumaia road

# STP review document description



## Content of the document prior its initial approval



Report



Regulations



Financial economic study



Impacts on general urban planning



Information and planning maps



Strategic Environmental Study

# REGULATIONS

I

## PROVISIONS OF GENERAL NATURE

Objectives.

Definitions.

Planning Scope.

Physical environment.

Urban environment.

Planning Categories. Land uses

Overlapping conditions

II

## SPHERE OF GENERAL DETERMINATIONS

Regulation of admissible **uses and activities**.

III

## SPHERE OF DETERMINATIONS FOR THE ADAPTACION OF THE COASTLINE TO THE RISKS ASSOCIATED TO CLIMATE CHANGE

Scenarios

Threats

Vulnerable areas

Adaptative measures

IV

## PROVISIONS RELATING TO THE MARINE ENVIRONMENT



# GENERAL PROVISIONS

## Objectives of the review

**SDG**

Achieve the goals defined in the 2030 Agenda for **Sustainable Development Goals**

**RPG**

Develop the **Regional Planning Guidelines** (RPG) in the Coastal strip: Physical Environment and Green Infrastructure

**NHP**

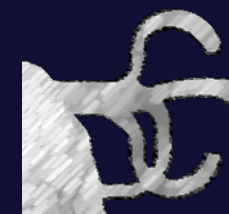
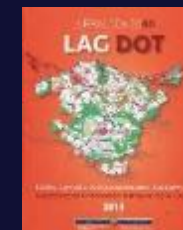
Protect the **natural heritage** of the coastline by reducing the impacts generated by activities and uses

**CC**

Incorporate, as an **overlapping condition**, adaptation to the impacts of **climate change**. With the goal of not increasing the vulnerability of the coastline

**CG**

Provide criteria and guidelines for planning aimed and **reducing the territory's vulnerability** to the effects of climate change.



## A. Marine area

- ## - Marine environment

## B. Transition zone

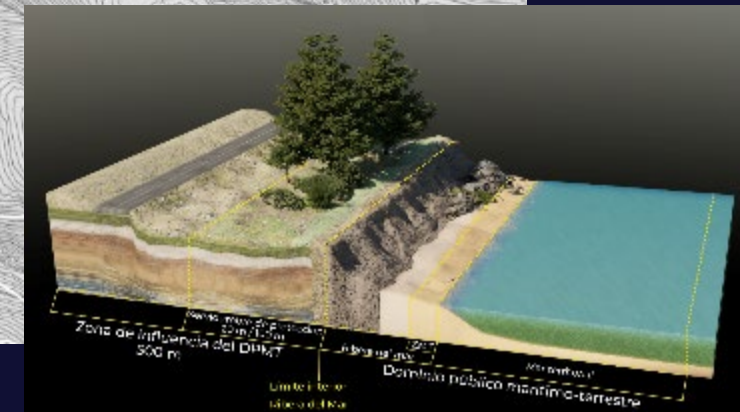
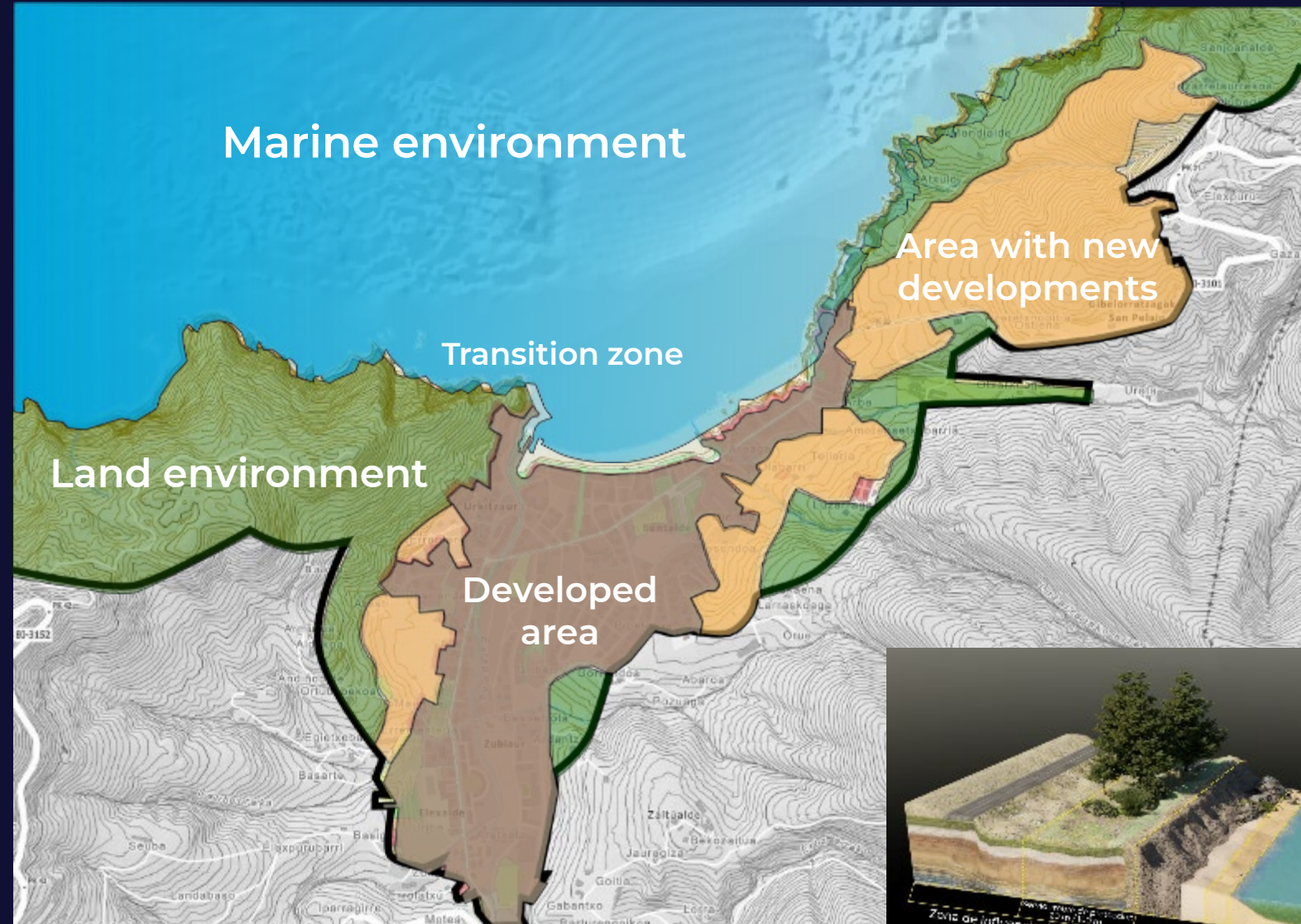
- Seashore / Low tide
- Tidal river / marches
- Beaches

### C. Land area

## 1. Land environment

## 2. Urban environment

- Developed area
- Area with potential for new developments
- Infrastructures
- Facilities and open spaces



# GENERAL PROVISIONS

## Planning scope

### Planning of Marine environment

- **Directive 2014/89/UE** of the European Parliament and of the Council, of 23 July 2014, on the planning of maritime space.
- **Maritime Spatial Planning** for the Noratlantic Marine District (Directorate General for the Coast and the Sea of the Ministry of Ecological Transition and the demographic Challenge) approved by Royal Decree 150/2023, of February 28.



# I

## GENERAL PROVISIONS

### Planning categories of physical environment

Regional Planning Guidelines 2019

**SP**

Special Protection

**EI**

Environmental  
improvement

**F**

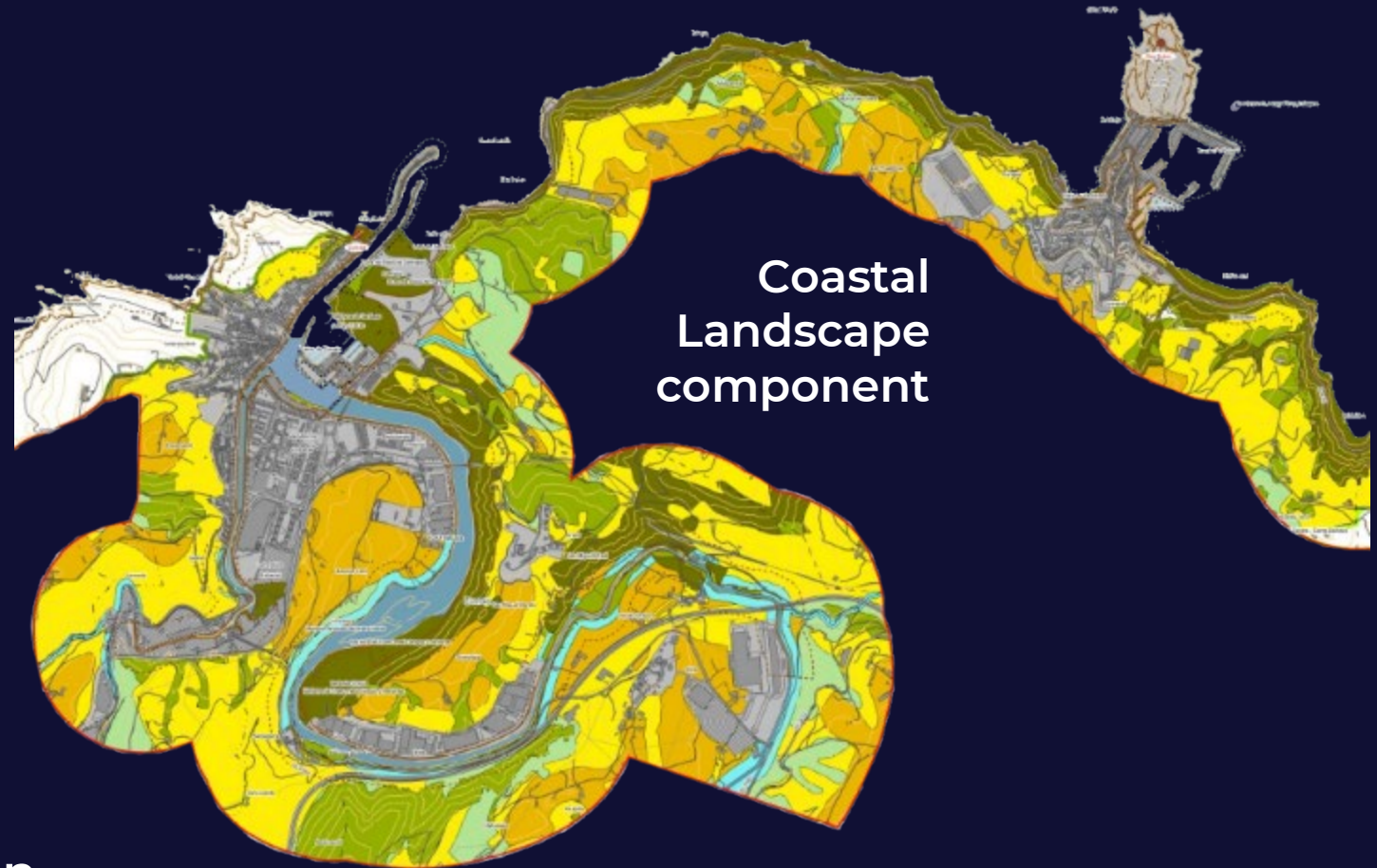
Forestry

**AC**

Agro-Livestock and  
Countryside

**SW**

Surface Water Protection



## 1. Related to **natural risks**

Aquifer vulnerability

Geological risks

Floodable areas

Risks **associated with Climate Change**

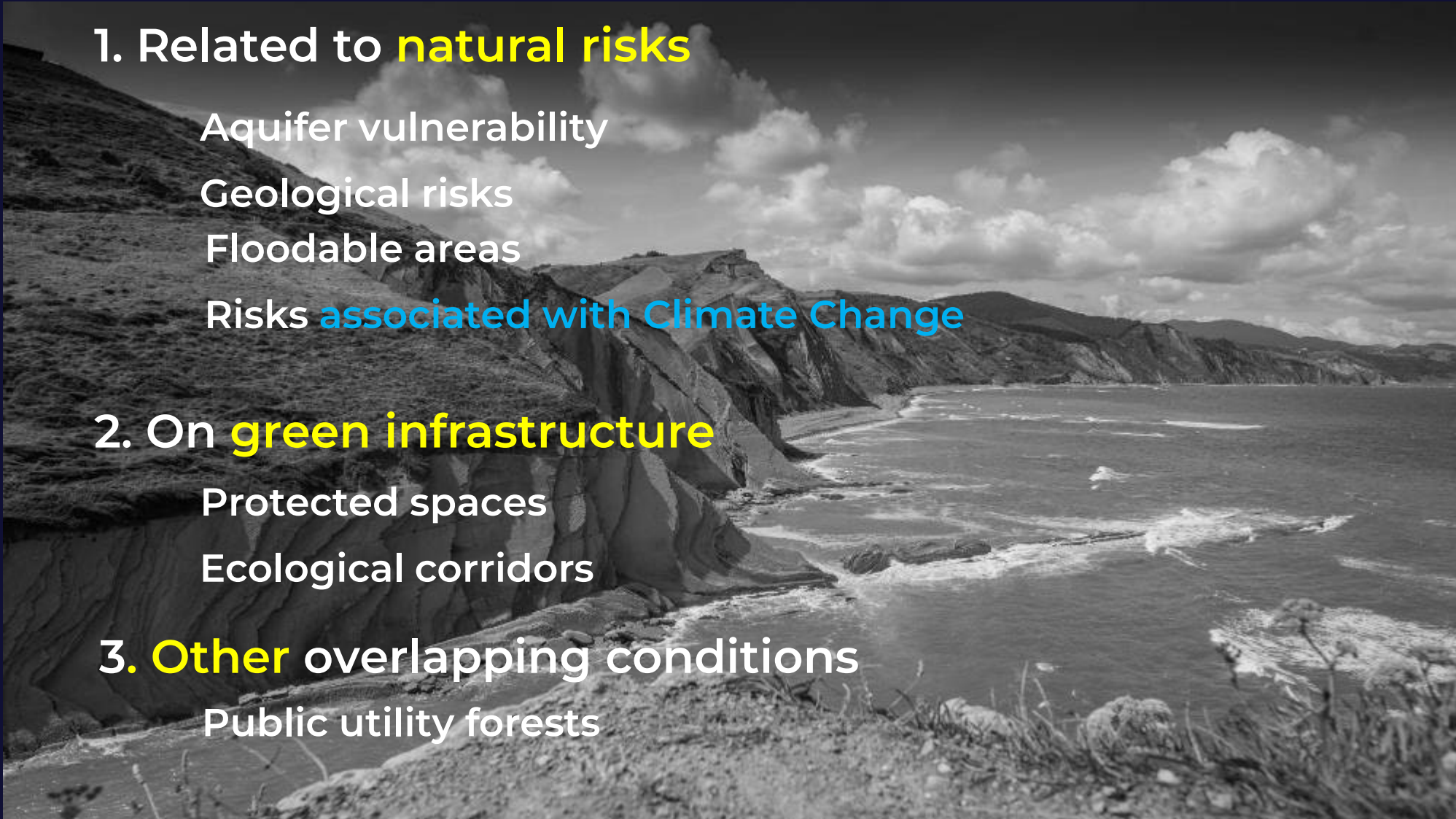
## 2. On **green infrastructure**

Protected spaces

Ecological corridors

## 3. **Other** overlapping conditions

Public utility forests



# SPHERE OF GENERAL DETERMINATIONS

## Regulation of uses and activities

-  1. Encouraged use
-  2. Admissible use
-  3. Prohibited use

|                               | PLANNING CATEGORIES                                                                 |                                                                                                                                                                            |                                                                                                                                                                                                                                                                |                                                                                                                                                                             | OVERLAPPING CONDITIONS                                                                                                                                                      |                                                                                                                                                                             |                                                                                                                                                                             |
|-------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | Special protection                                                                  | Environmental improvement                                                                                                                                                  | Forestry                                                                                                                                                                                                                                                       | Agricultural                                                                                                                                                                | Natural risks                                                                                                                                                               | Climate change                                                                                                                                                              | Green Infrast,                                                                                                                                                              |
| Environmental protection      |    |                                                                                          |                                                                                                                                                                             |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
| Leisure and recreation        |    |                                                                                          |                                                                                                                                                                             |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
| Primary resource exploitation |   |     |    |     |     |     |                                                                                         |
| Infrastructures               |  |   |                                                                                      |   |   |   |   |
| Construction uses             |  |                                                                                        |                                                                                      |   |                                                                                        |   |   |

Illustrative and simplified example of the type regulation established



# SPHERE OF DETERMINATIONS for the ADAPTATION to the RISK associated to CLIMATE CHANGE

## General Provisions

Considered temporal and emission **scenarios**

**Threats** arising from risks associated to climate change

## Regulatory framework for adaptation measures

**Vulnerable areas.**

**Adaptation measures.**



**TAIEX** TSI 91920  
MOVING FORWARD TOGETHER  
WITH EU EXPERTISE



**EUSKO JAURLARITZA**  
**GOBIERNO VASCO**

ETXEBIZITZA ETA  
HIRI AGENDA SAILA

DEPARTAMENTO DE VIVIENDA Y  
AGENDA URBANA





# ADAPTATION to the RISK associated to CLIMATE CHANGE

## Considered scenarios: emissions

**RCP**

Representative concentration Pathway  
(according to the projections made by the IPCC)

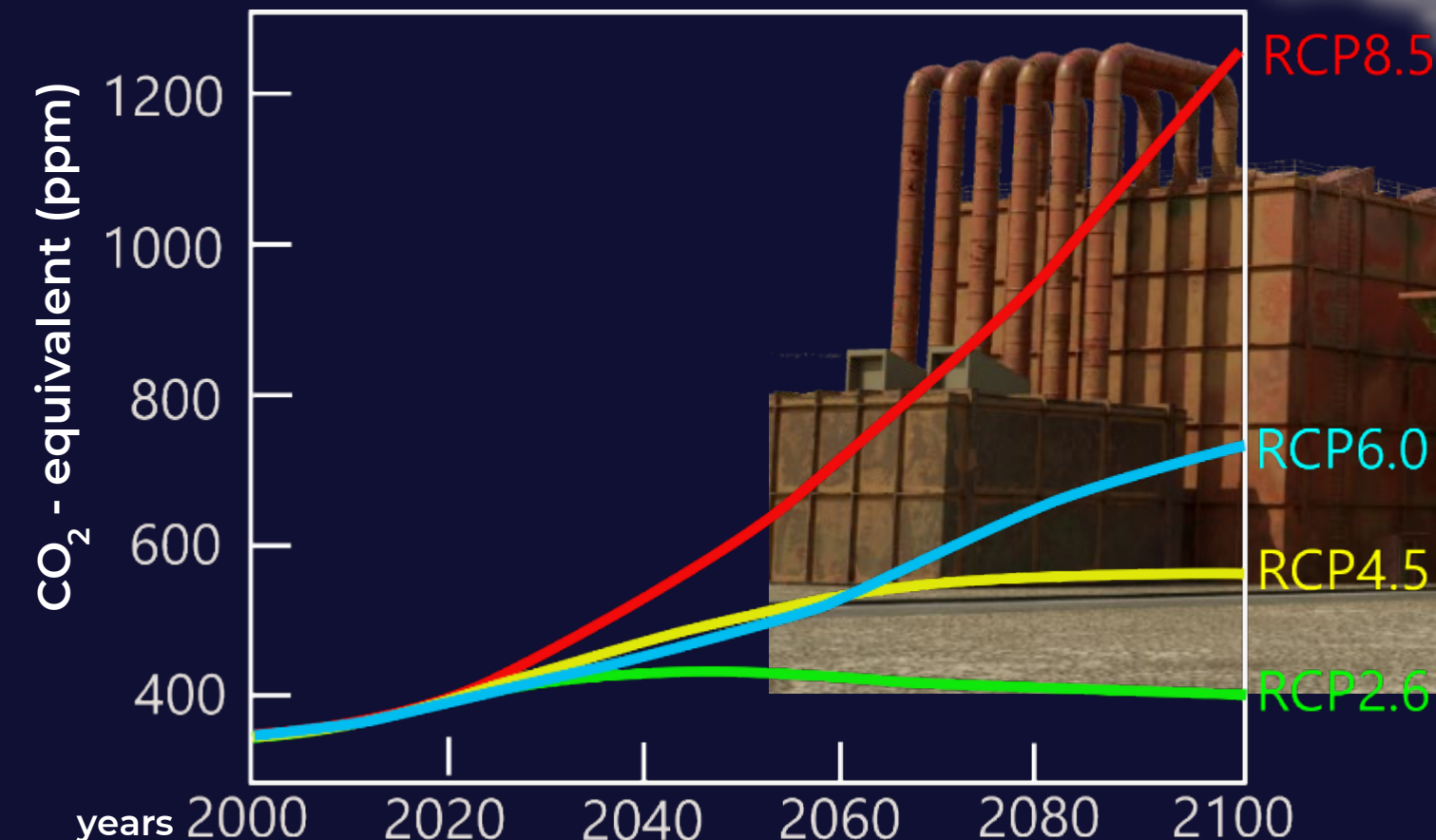


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RCP8.5

RCP6.0

RCP4.5

RCP2.6

**SEA LEVEL RISE** year 2100

RCP 4.5 : 50 cm

RCP 8.5 : 80 cm

Source:

**-Intergovernmental Panel on Climate Change (IPCC)-**  
AR6 Synthesis Report: Climate Change 2023



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## Considered scenarios: sea level rise

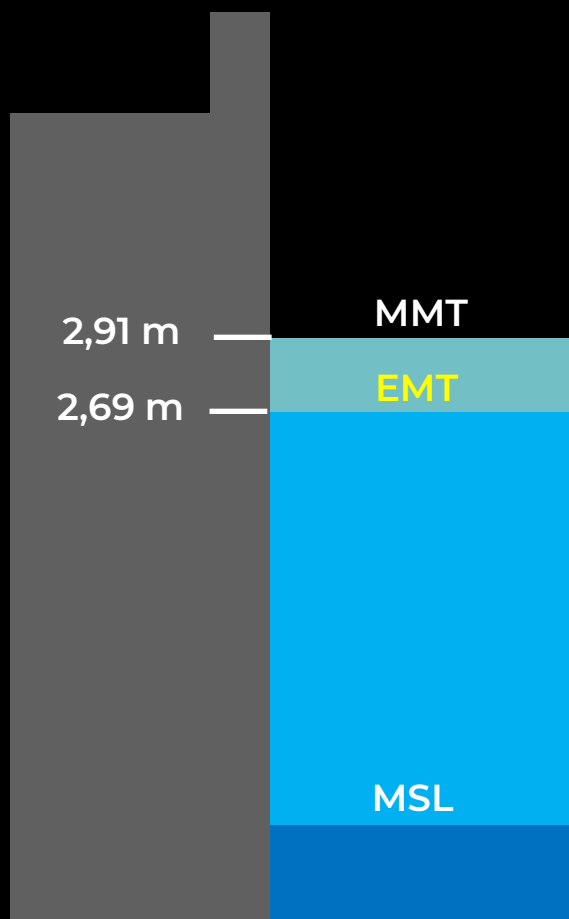


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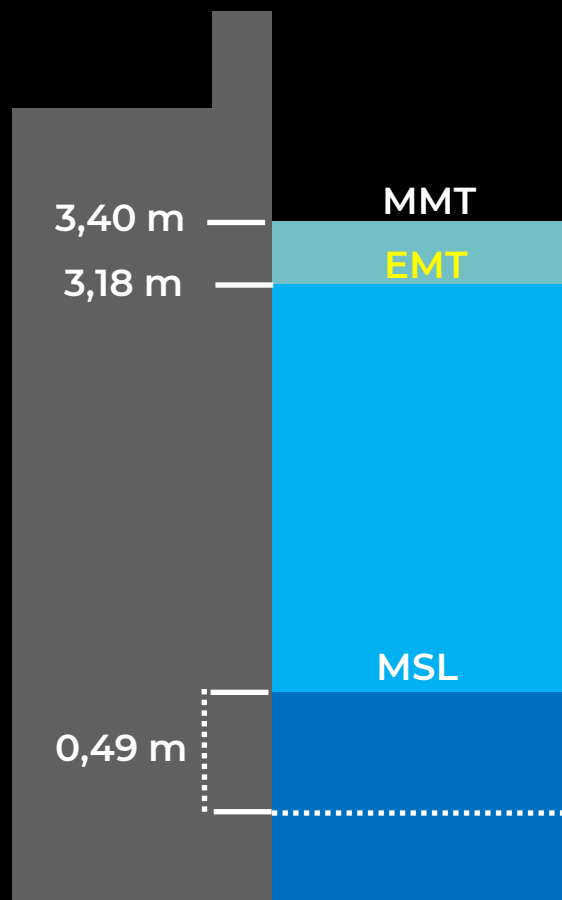


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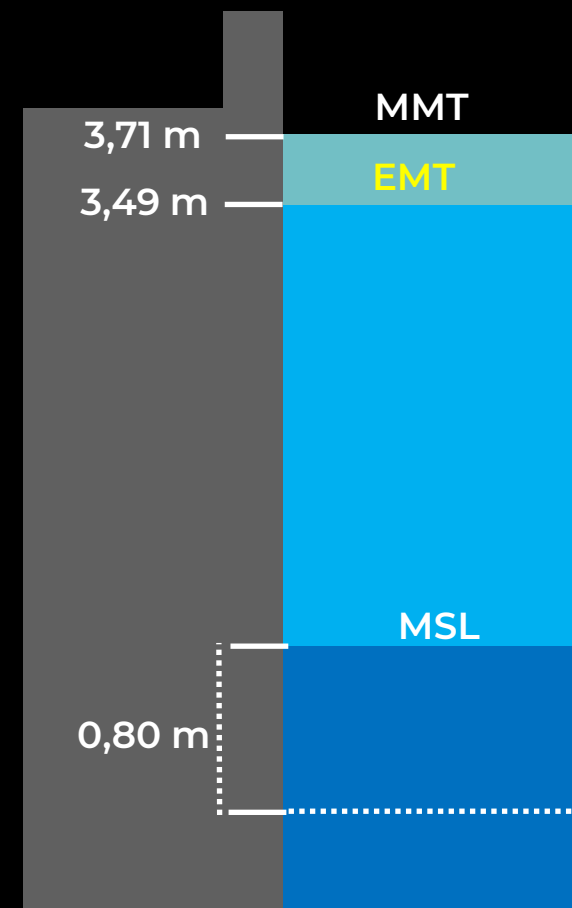
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DEPARTAMENTO DE VIVIENDA Y  
AGENDA URBANA



**Actual situation**



**RCP 4.5 year 2100**



**RCP 8.5 year 2100**

**MSL:** Mean Sea Level  
**EMT:** Equinoccial Maximum high tide  
**MMT:** Meteorological Maximum high tide



# ADAPTATION to the RISK associated to CLIMATE CHANGE THREATS arising from risks associated with CC

## 1. Linked to the SEA LEVEL RISE –SLR-

- a) Due to the effect of astronomical tide.
- b) Due to the effect of the meteorological tide.
- c) Due to the increased impact of the waves.
- d) Due to increase in river flood risk.
- e) Due to the rise in the water table and the decrease in the capacity of the sewage system.

## 2. Linked to the increase in TORRENTIAL INTENSITY.

## 3. Linked to the extreme increase in TEMPERATURE.

- a) Due to the increase in evapotranspiration.
- b) Due to the increase in heat islands.
- c) Due to the increase in fire risk.



*Zumaia. Urola Estuary*



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## Effects associated with SEA LEVEL RISE–SLR-

(RCP 8,5 scenario - year 2100)



**TAIEX**  
TSI 91920  
MOVING FORWARD TOGETHER  
WITH EU EXPERTISE

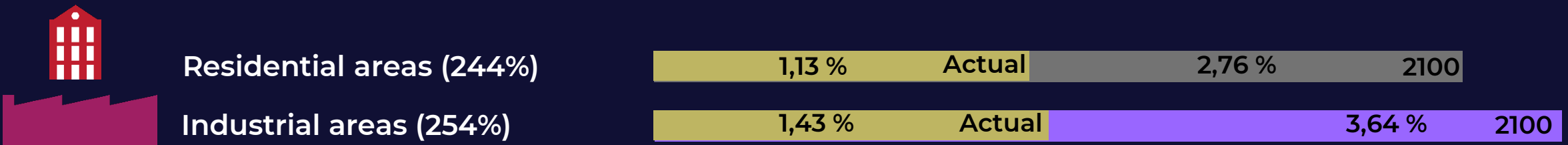


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HIRI AGENDA SAILA  
DEPARTAMENTO DE VIVIENDA Y  
AGENDA URBANA

### Anticipated Surface reductions :



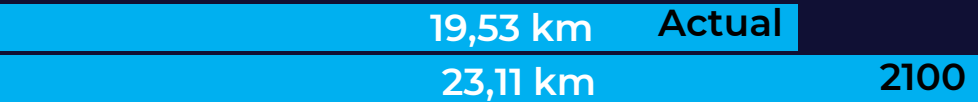
### Increase of vulnerable areas to flood risk in urban zones:



### Exposure to wave action



Increase in the length of the vulnerable coastline (18%)





# ADAPTATION to the RISK associated to CLIMATE CHANGE REGULATORY FRAMEWORK. Vulnerable areas identification

## Especially vulnerable zones.

### 1. ZSLR

Due to the effect of the SLR  
on the tide or the waves

### 2. ZIRF

Due to increase in river  
flood risk

### 3. ZWTR

Due to water table rise.

### 4. ZITI

Due to the increase of  
torrential intensity

### 5. ZETI

Due to extreme  
temperature increase.



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## ADAPTATION MEASURES to the natural risks associated with climate change

### 1. ZSLR

In areas especially vulnerable due to the  
**sea level rise** and **wave activity**

1. ZSLR
2. ZIRF
3. ZWTR
4. ZITI
5. ZETI

## A. In physical environment

### Actions to promote:

**Marshes:** Creation and recovery.

**Natural environment:** reforestation, riverbed naturalization, natural values recovery.

**Building:** removal of abandoned, non-compliant or deteriorating structures.

### Prohibited actions:

**Building:** construction of new buildings

**Urbanization:** construction of embankments, building of new transportation routes or parking lots.





# ADAPTATION to the RISK associated to CLIMATE CHANGE

## ADAPTATION MEASURES to the natural risks associated with climate change

### 1. ZSLR

In areas especially vulnerable due to the sea level rise and wave activity

1. ZSLR
2. ZIRF
3. ZWTR
4. ZITI
5. ZETI

## B. Developed areas

### Actions to promote :

**Building:** removal of abandoned, non-compliant or deteriorating structures

**Infrastructures:** Oriented towards adapting to existing risks, minimizing their vulnerability

**Ribervbed naturalization,** soil decontamination, protection of cultural heritage...

### Criteria for actions planned in ZSLR:

- Situation of new buildings and urban developments above flood level (**RCP 8.5 year 2100**)
- Consideration of the risks arising from wave action.

**Mitigation and adaptacion studies:** Assessment of the issues within the field and definition of action strategies.



High tide in Hondarribia –2023-



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## ADAPTATION MEASURES to the natural risks associated with climate change

### 1. ZSLR

In areas especially vulnerable due to the  
**sea level rise** and **wave activity**

1. ZSLR
2. ZIRF
3. ZWTR
4. ZITI
5. ZETI

## B. Areas with potential for new developments

### Objectives:

Maintain the morphological conditions of the area.  
Minimize risks and do not increase vulnerability.

### Actions to promote:

**Building:** removal of abandoned, non-compliant or deteriorating structures

**Infrastructures:** Oriented towards adapting to existing risks, minimizing their vulnerability

**Riberbed naturalization**, soil decontamination, protection of cultural heritage...

### Prohibited actions:

**Building:** construction of new buildings that do not comply with the conditions for adaptation to the CC regarding development planning

**Urbanization:** landfills, construction of new transportation routes not included in territorial planning instruments.



Sefanitro area in Barakaldo



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## ADAPTATION MEASURES to the natural risks associated with climate change

### 2. ZIRF

In areas especially vulnerable due to the  
increase in river flood risk

1. ZSLR  
2. ZIRF  
3. ZWTR  
4. ZITI  
5. ZETI

#### Actions to promote:

- Improvement of subsoil permeability and overall drainage conditions.
- Removal of obstacles that may hinder drainage.
- Improvement of the existing sewage network.  
Execution of cleaning and clearing tasks on roads paths, or drainage channels.
- Waterways naturalization.

#### Mitigation and adaptacion studies:

Assessment of the issues within the field and  
definition of action strategies



Urumea river



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## ADAPTATION MEASURES to the natural risks associated with climate change

### 3. ZWTR

In áreas especially vulnerable due to the **water table rise** and the **decrease in sanitation capacity**

Developed areas:

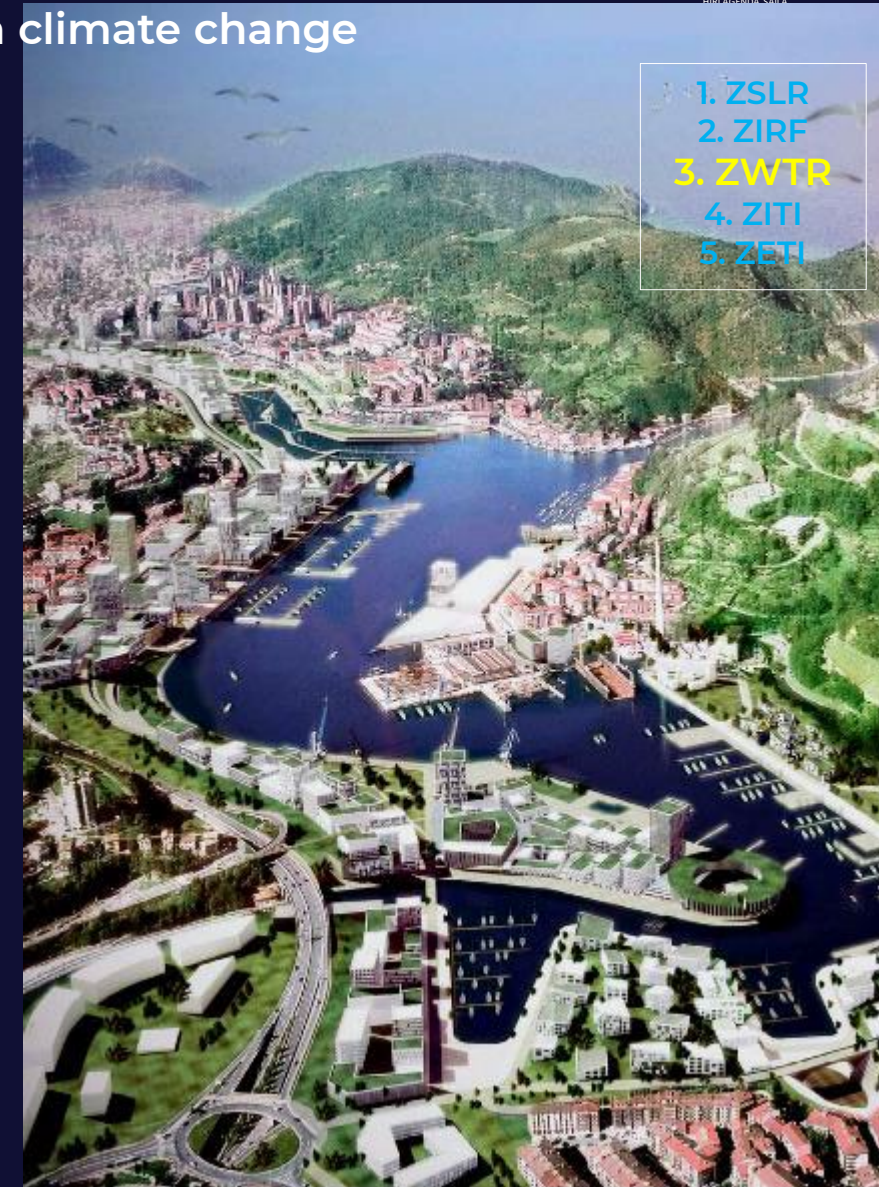
**Mitigation and adaptacion studies:** Assessment of the issues within the field and definition of action strategies.

Areas with potential of new development:

Urban planning must include adaptation measures.

Measures:

- **Sustainable drainages**, increasing soil permeability.
- Increase **landscaped surfaces** and use of green roofs
- **Recover** open-air channels from covered ones.
- **Justification in urban planning** of chosen measures.



Source: Masterplan Bahía de Pasaia (2011) KCAP architects&planners-  
Hoz&Fontan Arquitectos; LKS ingeniería  
Promoted by: Diputación Foral de Gipuzkoa/ Jaizkibia/ Cámara de Gipuzkoa

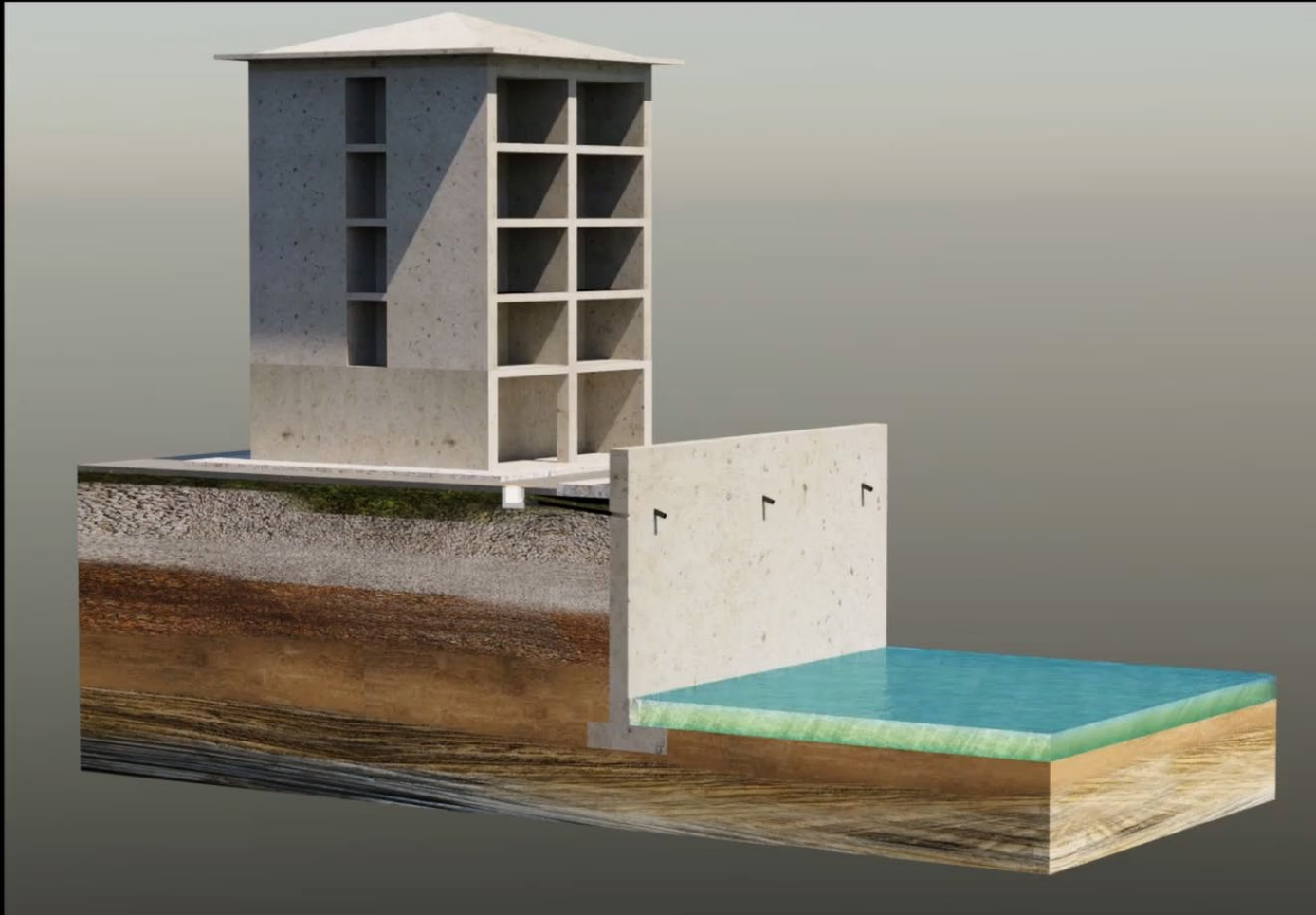


# ADAPTATION to the RISK associated to CLIMATE CHANGE

## ADAPTATION MEASURES to the natural risks associated with climate change

### 3. ZWTR

In areas especially vulnerable due to the decrease in sanitation capacity  
Effects in developed areas



1. Sea Rise during high tide.

2. Sea level rise as a consequence of climate change.

3. In case of rainfall during high tide.

4. Flood risk due to the limited drainage capacity of the sewerage system



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## ADAPTATION MEASURES to the natural risks associated with climate change

### 4. ZITI

In áreas especially vulnerable due to the increase in torrential intensity

#### Actions to promote:

- Improvement of subsurface permeability.
- Improvement of drainage conditions.
- Removal of obstacles that may hinder water drainage.
- Improvement of the existing sewage network.
- Execution of cleaning and clearing work on roads, paths, or drainage channels.
- Consideration of maximum stormwater flow:
  - Urban environment: 25-year return period
  - Natural environment: as established by the Hydraulic administration.

1. ZSLR  
2. ZIRF  
3. ZRWT  
4. ZITI  
5. ZETI



Pasaia



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## ADAPTATION MEASURES to the natural risks associated with climate change

### 5. ZETI

In áreas especially vulnerable due  
extreme temperature increase

#### Objetivo:

- Not to increase the actual vulnerability the territory currently presents.

#### Actions to promote:

- Increase surface of **landscaped zones**.
- Increase of **woodland**.
- Increase the area of public spaces protected from **solar radiation**.
- Use **permeable pavements**.
- Recover **open-air** channels.
- Mitigate the risk of fire.



1. ZSLR
2. ZIRF
3. ZWTR
4. ZITI
5. ZETI



Txomin Enea (Donostia)



# ADAPTATION to the RISK associated to CLIMATE CHANGE

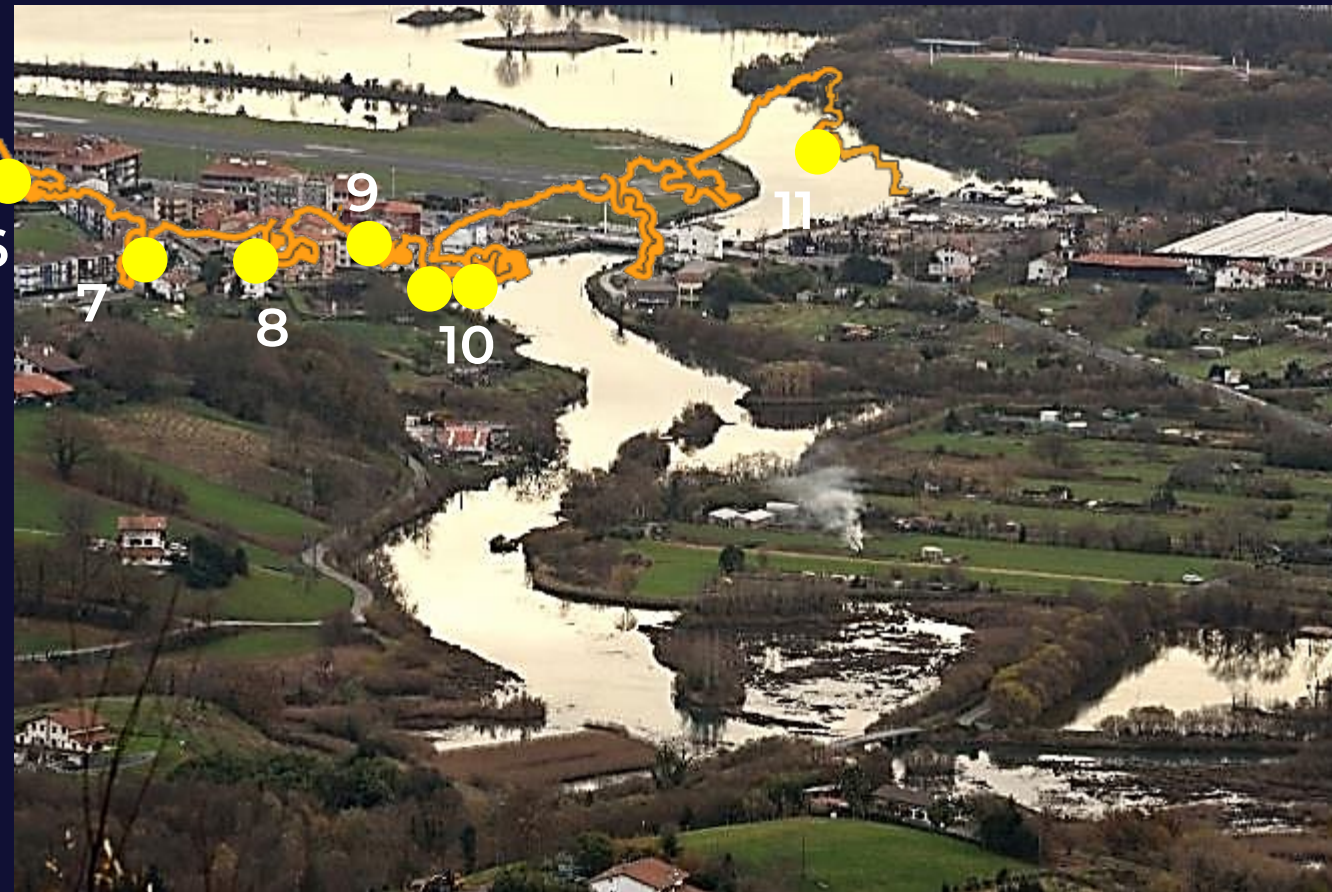
## OTHER ADAPTATION MEASURES

### Areas of posible new Marshes proposed in the STP

Objective: Recover at least the expected loss in the RCO 4.5-2100 (155 Ha)



- |             |                      |
|-------------|----------------------|
| 1. Barbadun | 7. Deba              |
| 2. Butroi   | 8. Urola             |
| 3. Estepona | 9. Iñurritza         |
| 4. Urdaibai | 10. Oria             |
| 5. Lea      | 11. Bidasoa-Jaizubia |
| 6. Artibai  |                      |

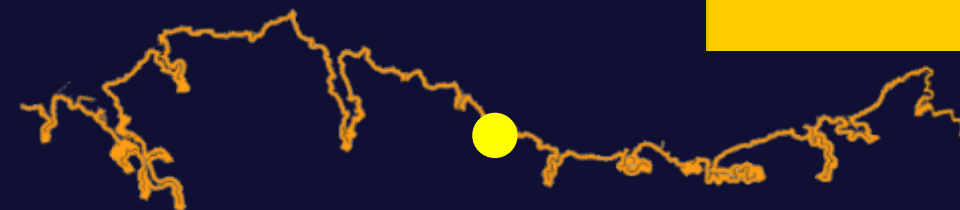




# ADAPTATION to the RISK associated to CLIMATE CHANGE

## OTHER ADAPTATION MEASURES

Areas of posible new Marshes proposed in the STP



Tidal river Artibai



Ondarroa



# ADAPTATION to the RISK associated to CLIMATE CHANGE

## OTHER ADAPTATION MEASURES

Inclusion in the category Special Protection for Cantabrian Oak forest stands (308 Ha):

Muskiz, Barrika, Gorliz, Ispaster, Lekeitio, Mutriku, Deba, Mendaro, Zumaia, Getaria y Zarautz

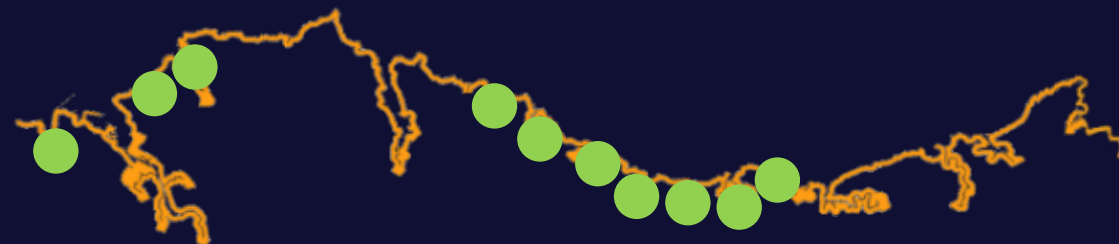


Figura nº2.- En color coral, detalle del encinar a proteger, sito en los T.M de Getaria y Zarautz. Escala base 1/25.000.

## Expansion of the Natura 2000 network:

Ulia- Jaizkibel marine area(13.000 Ha)

(Proposal for the creation of a marine ecological corridor)

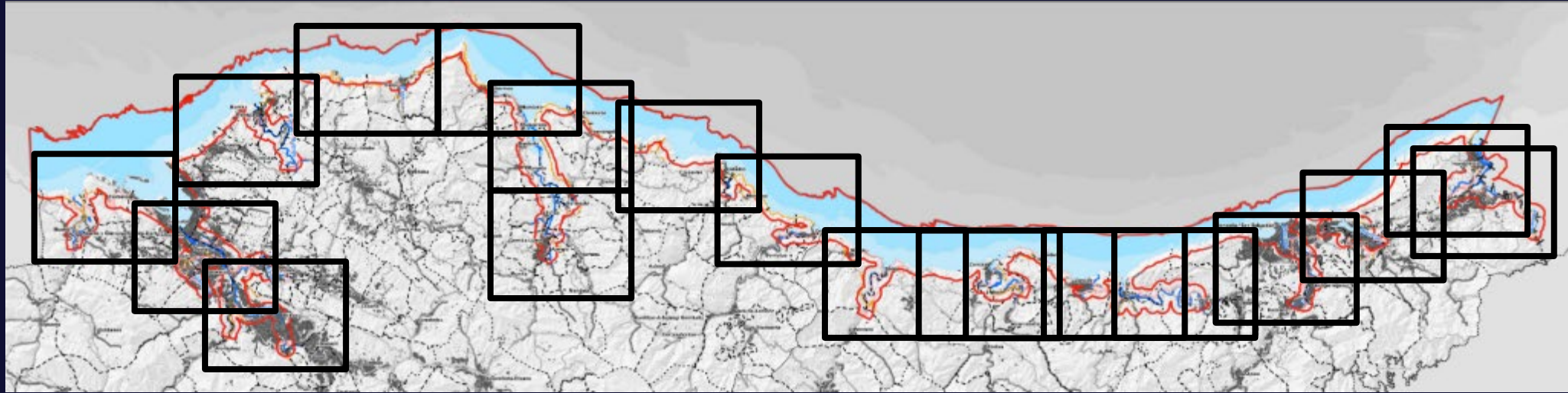


Order TED/1416/2023, of December 26, approving the proposal for the inclusión of six marine protected áreas in the list of Sites of Community Importance (SCI) of the Natura 2000 Network. (BOE 313, 30.12.2023)



*Figura nº13.- Espacio marino propuesto. Fuente: "Informe de Continuidad Ecológica Tierra-Mar en el ámbito territorial de la Costa Este de Gipuzkoa entre Ulia-Jaizkibel-Txingudi". Gobierno Vasco.2021*

# GRAPHIC DOCUMENTATION

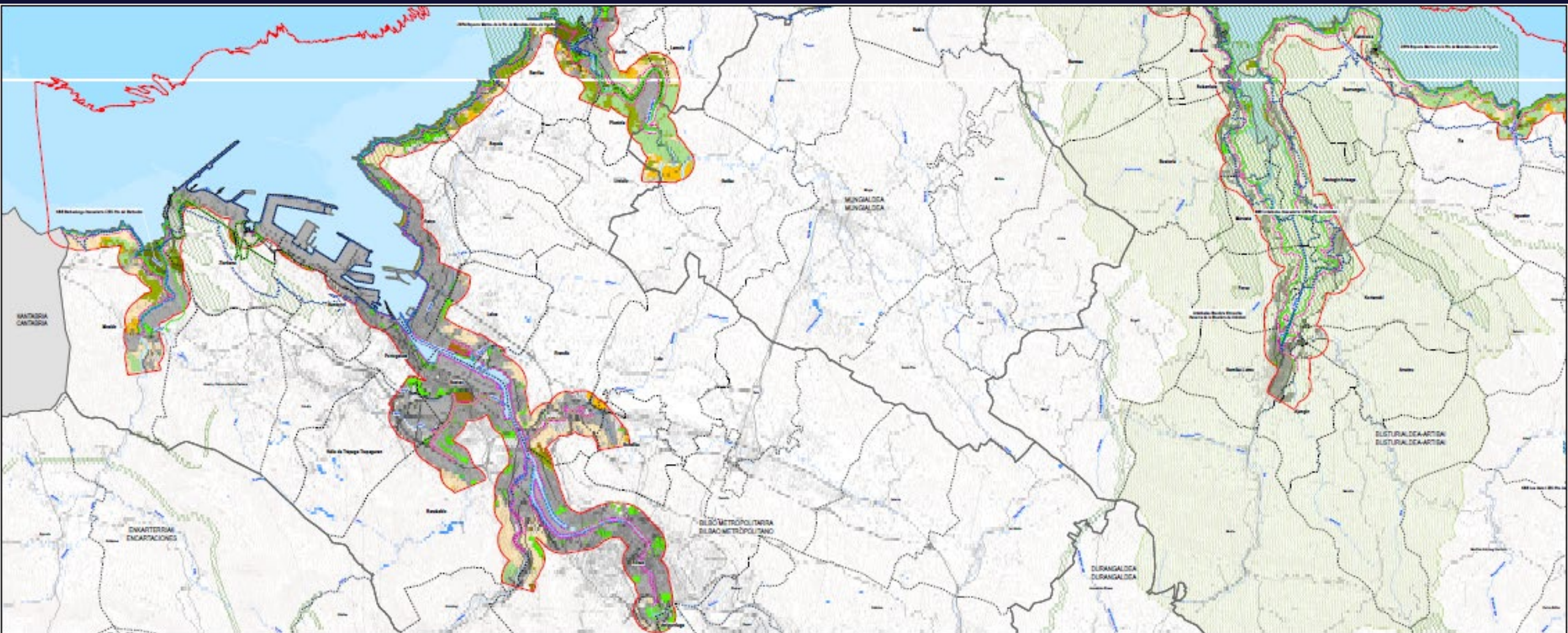


## INFORMATION MAPS

- I.1. Situation
- I.2. Coastal interest points
- I.3. Current Territorial Planning. Zonification
- I.4. Overlapping conditions. Natural risks
- I.5. Overlapping conditions. Coastal and river flood risk

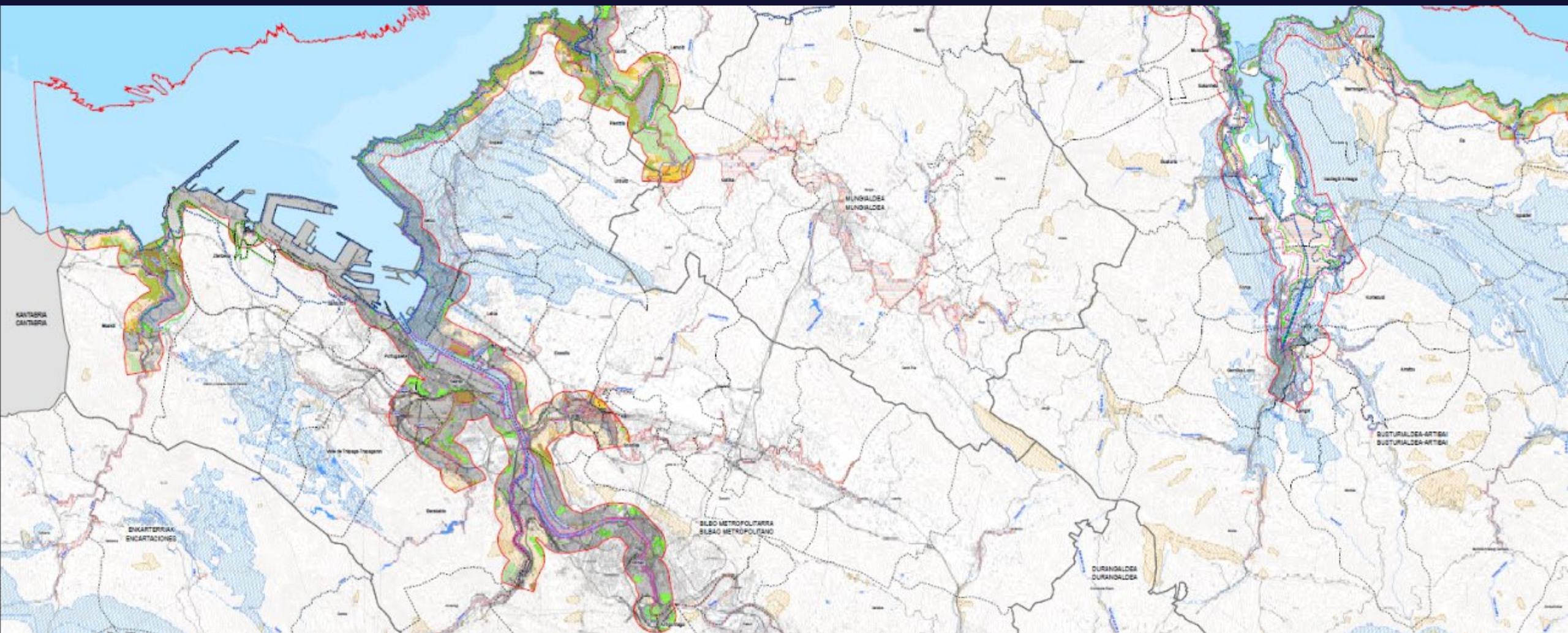
## PLANNING MAPS

- O.1. Zonification and Green Infrastructure
- O.2. Climate Change Adaptation



# GRAPHIC DOCUMENTATION

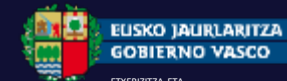
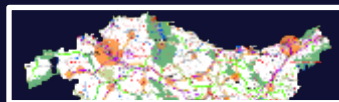
## 14. INFORMATION. Overlapping conditions related to natural risks



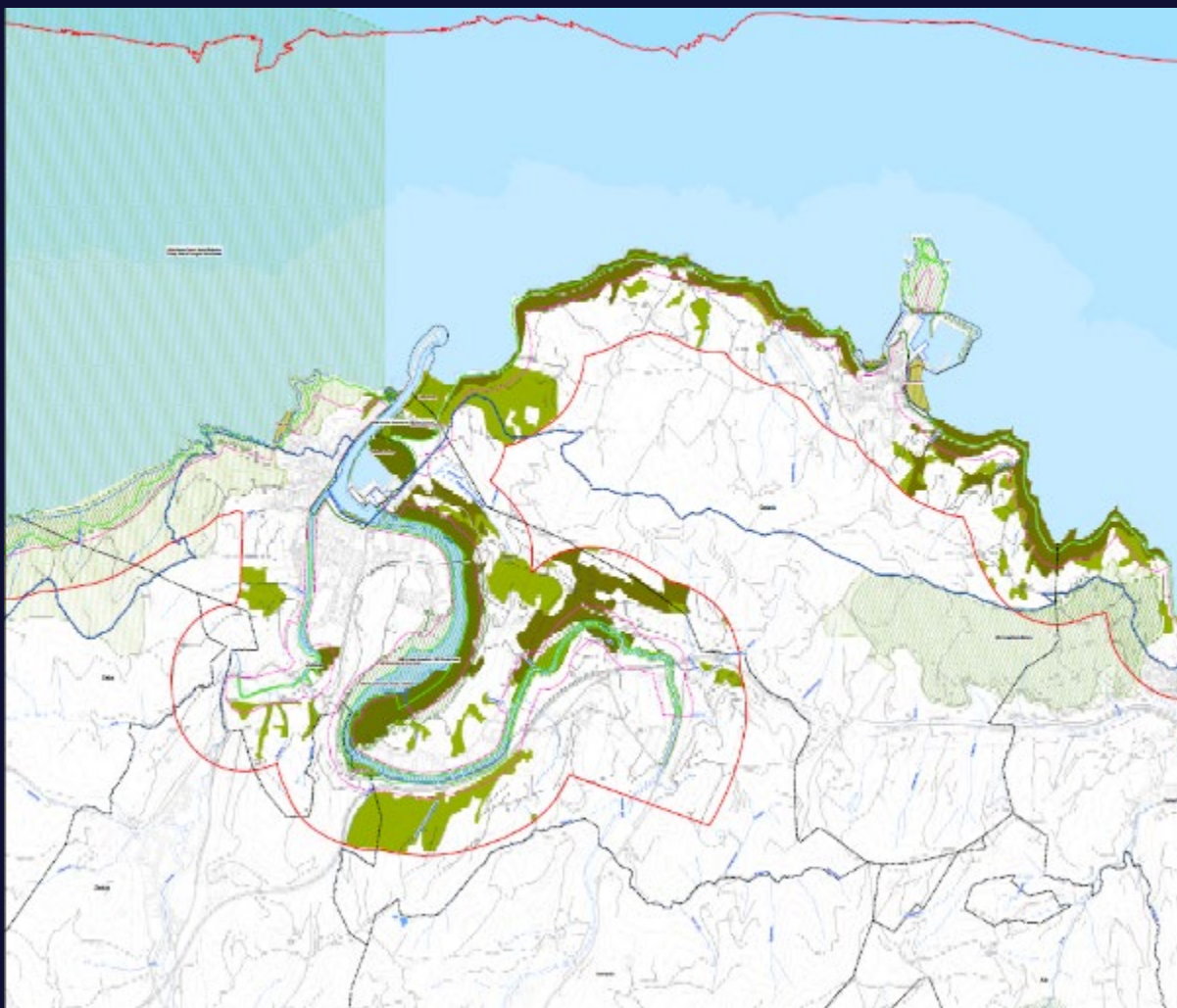
# GRAPHIC DOCUMENTATION

## 01. PLANNING.

### Zonification and Green infrastructure



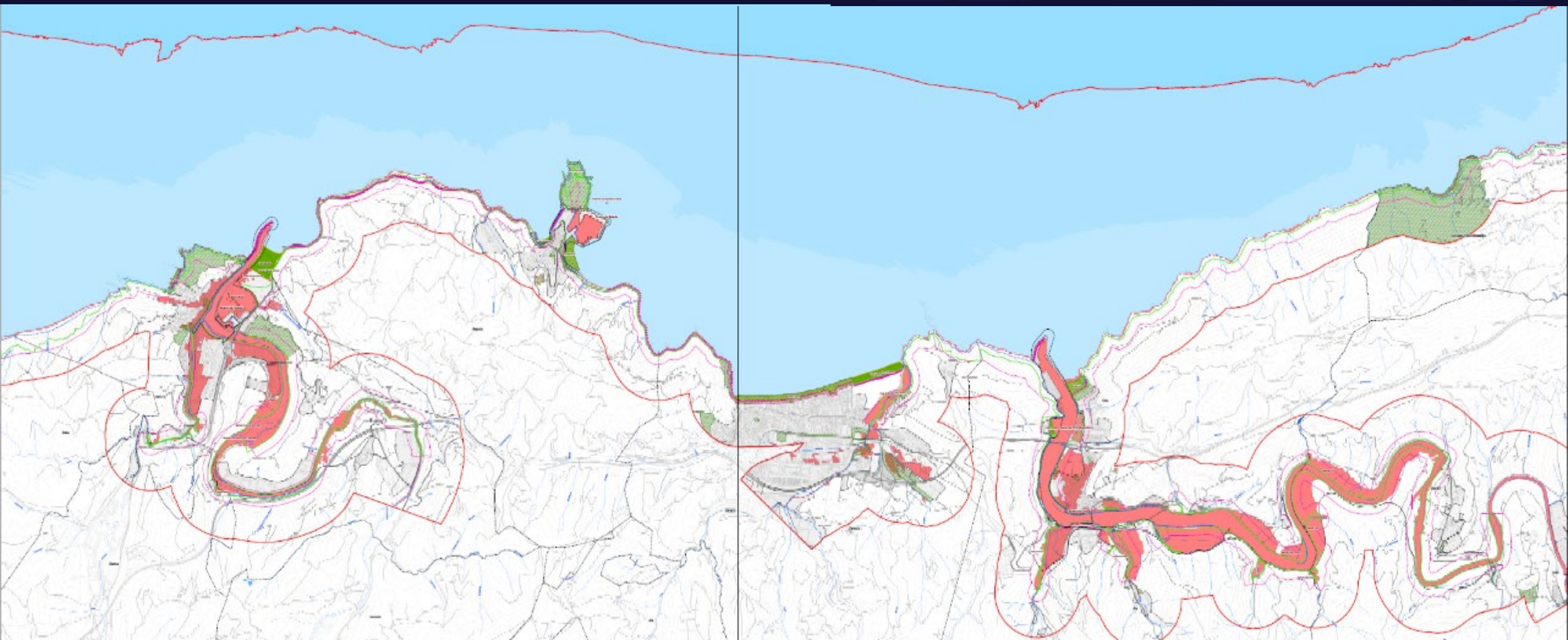
ETXEBIZITZA ETA  
HIRI AGENDA SAILA  
DEPARTAMENTO DE VIVIENDA Y  
AGENDA URBANA



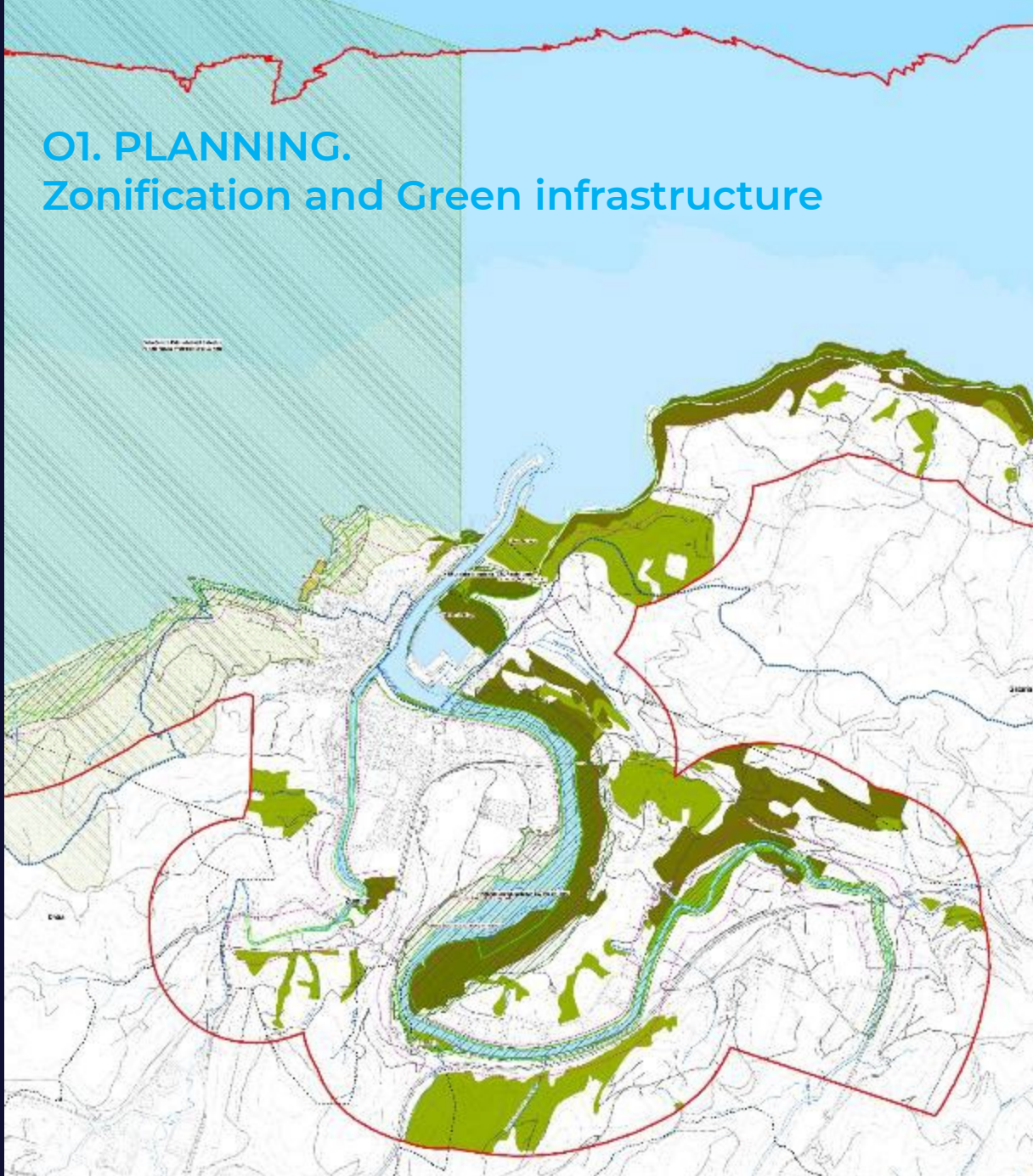
# GRAPHIC DOCUMENTATION

## O2. PLANNING.

### Climate Change adaptation



## O1. PLANNING. Zonification and Green infrastructure



## O2. PLANNING. Climate Change adaptation



# The Coastal STP on the Internet

< Departamento de Vivienda y Agenda Urbana

## Planificación Territorial y Agenda Urbana

Planificación Territorial y Udaipian | Planeamiento urbanístico e Inventario | Comisión de Ordenación del Territorio | Normativa | Euskal Hiria Kongresua | Paisaje | Regeneración Urbana | Agenda Urbana Bultzatu 2050 | GeoEuskadi

### Planeamiento Territorial

Presentación

Directrices de Ordenación Territorial (DOT)

Planes Territoriales Parciales (PTP)

Planes Territoriales Sectoriales (PTS)

## Plan Territorial Sectorial de Protección y Ordenación del Litoral de la CAPV

- + Plan Territorial Sectorial de Protección y Ordenación del Litoral de la CAPV (2007)
- + Revisión y adaptación del Plan Territorial Sectorial de Protección y Ordenación del Litoral de la CAPV al reto del Cambio Climático
- + Modificación del PTS del Litoral, relativa a Barrikabaso (2016)

## Territorial Planning Directorate

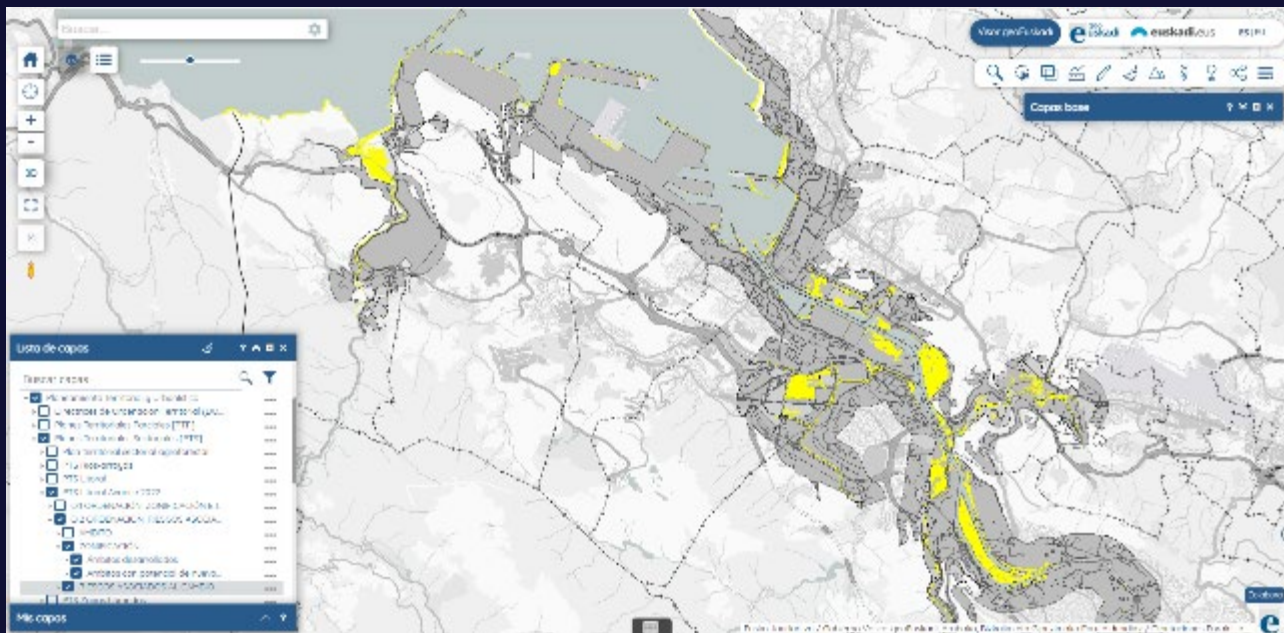
[https://www.euskadi.eus/web01-a3lurral/es/contenidos/informacion/pts\\_litoral\\_indice/es\\_def/index.shtml](https://www.euskadi.eus/web01-a3lurral/es/contenidos/informacion/pts_litoral_indice/es_def/index.shtml)

—————> **CURRENT PLAN**

—————> **REVIEW**

## geoEuskadi. Spatial Data Infrastructure

<https://www.geo.euskadi.eus/geobisorea>



Eskerrik asko - Gracias  
ΕΥΧΑΡΙΣΤΩ



<https://www.euskadi.eus/gobierno-vasco/planificacion-territorial-agenda-urbana/>