

# Own Your SECAP

## ABOUT OUR SECAP

P2P WORKSHOP, VIENNA

LUIS BERNARDEAU, MUNICIPALITY OF LORQUI

26<sup>TH</sup> April



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# PART 1 CONTEXT

ABOUT LORQUI AND ITS STRATEGIES

## Own Your SECAP



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# Context: Lorquí

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## • MUNICIPALITY CHARACTERIZATION

- Population: 7510 hab (2022)
- Area: 15 km<sup>2</sup>
- Belonging to the metropolitan area of Murcia (regional capital)
- Good connectivity with the Mediterranean corridor)
- High proportion of Industrial and Comercial Activity
- Crossed by Segura River
- Existence of “Los Cabezos”, small mountainous elevations with historical and sociocultural values

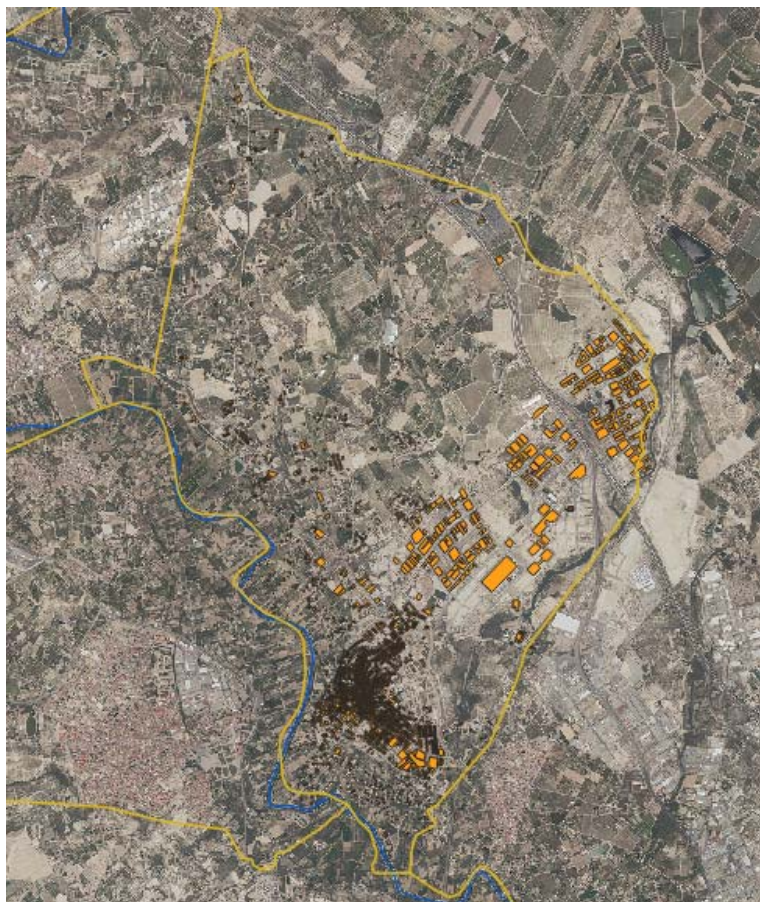


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# Context: Lorquí

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## SWOT: CSR perspective



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# Context: Local Strategies

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PLAN DE ACCIÓN PARA  
EL CLIMA Y LA ENERGÍA  
SOSTENIBLE

LORQUÍ



AGENDA  
URBANA  
LORQUÍ 2030



LIFE CITY ADAP3

AMIGA DE LA INFANCIA UNICEF COMITÉ ESPAÑA



PLAN LOCAL PARA LA INFANCIA  
Y LA ADOLESCENCIA



2021-2025



Pacto de los Alcaldes  
para el Clima y la Energía



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# PART 2 SECAP LORQUÍ

ABOUT THE SECAP OF LORQUÍ

## Own Your SECAP



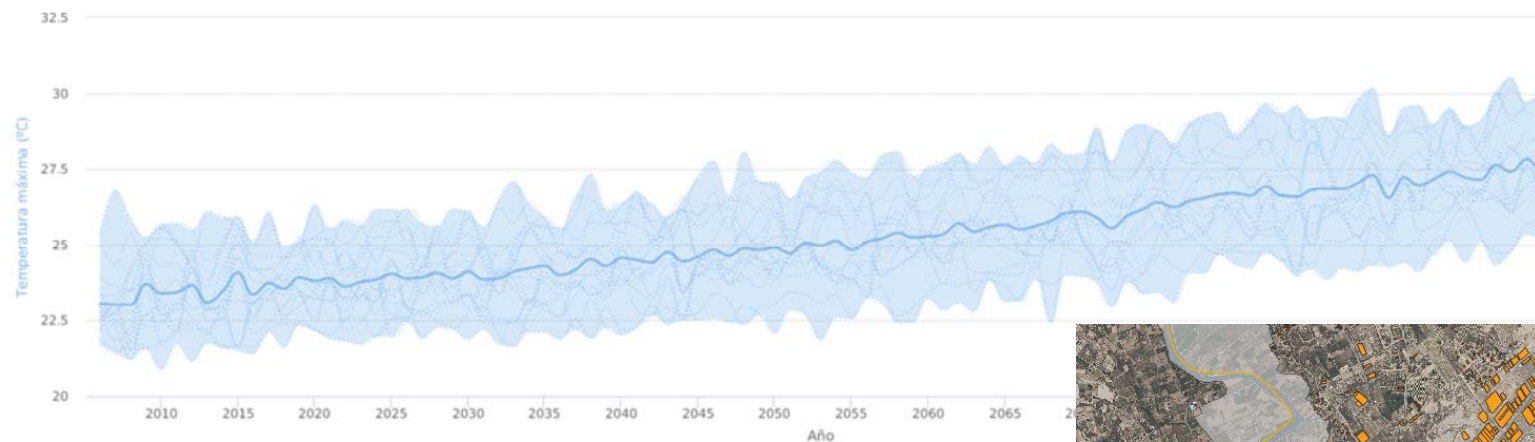
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# SECAP: Lorquí

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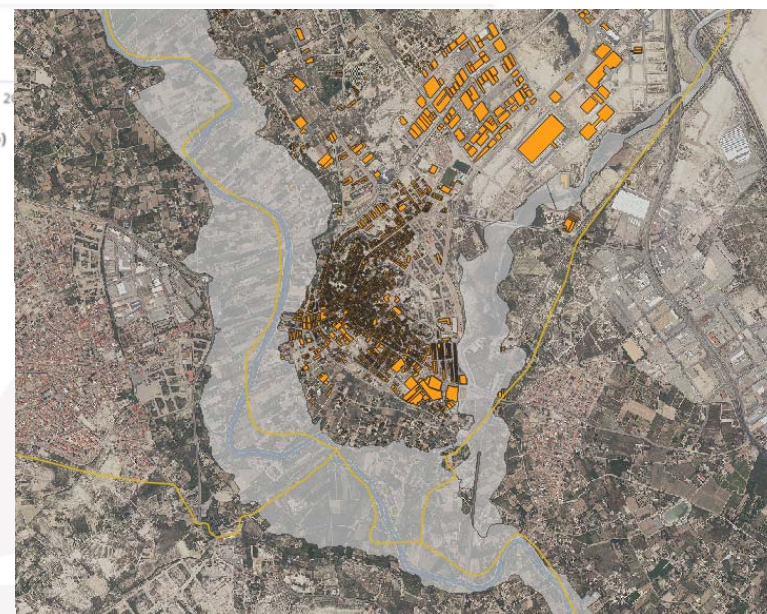
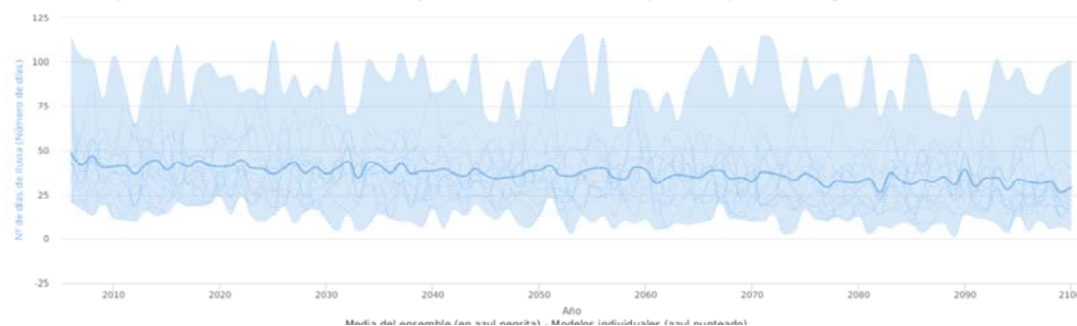


Escenarios AdapteCCa - Temperatura máxima - Datos en rejilla (media) - RCP 8.5 - Año completo - Lorquí (Murcia, Región de)



Media del ensemble (en azul negrita) - Modelos individuales (azul punteado)

Escenarios AdapteCCa - Nº de días de lluvia - Datos en rejilla (media) - RCP 8.5 - Año completo - Lorquí (Murcia, Región de)



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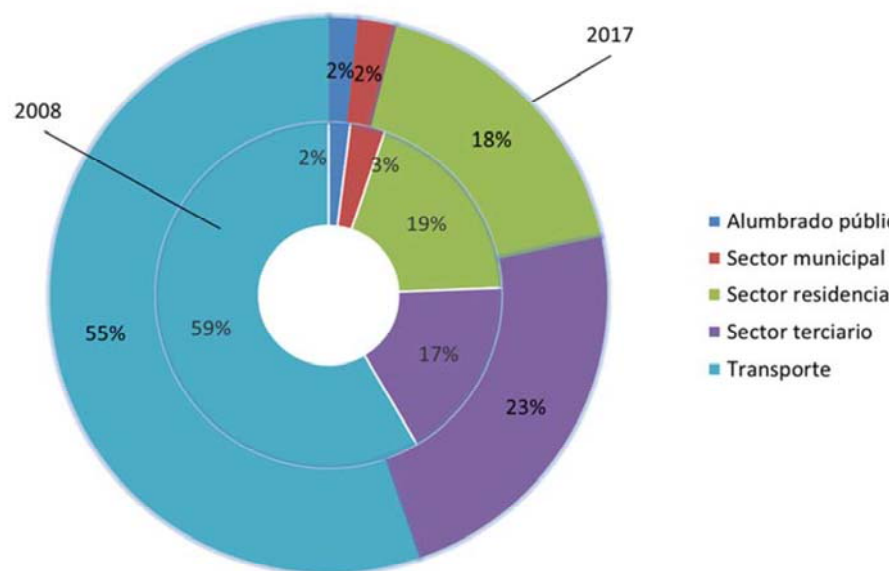


Figura 1. Distribución por sector de las emisiones de CO<sub>2</sub>, en 2008 y 2017

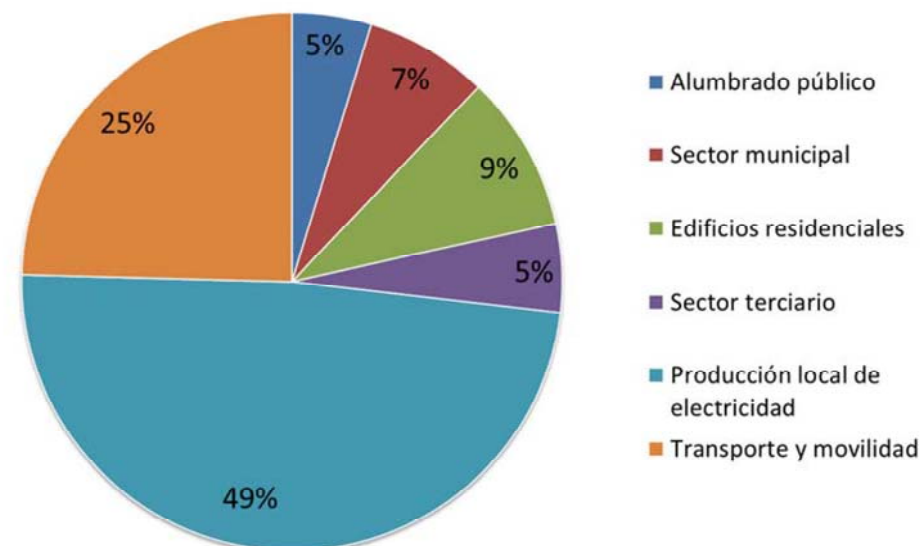


Figura 2. Aportación a la reducción de emisiones por sector

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## ➤ Mitigation

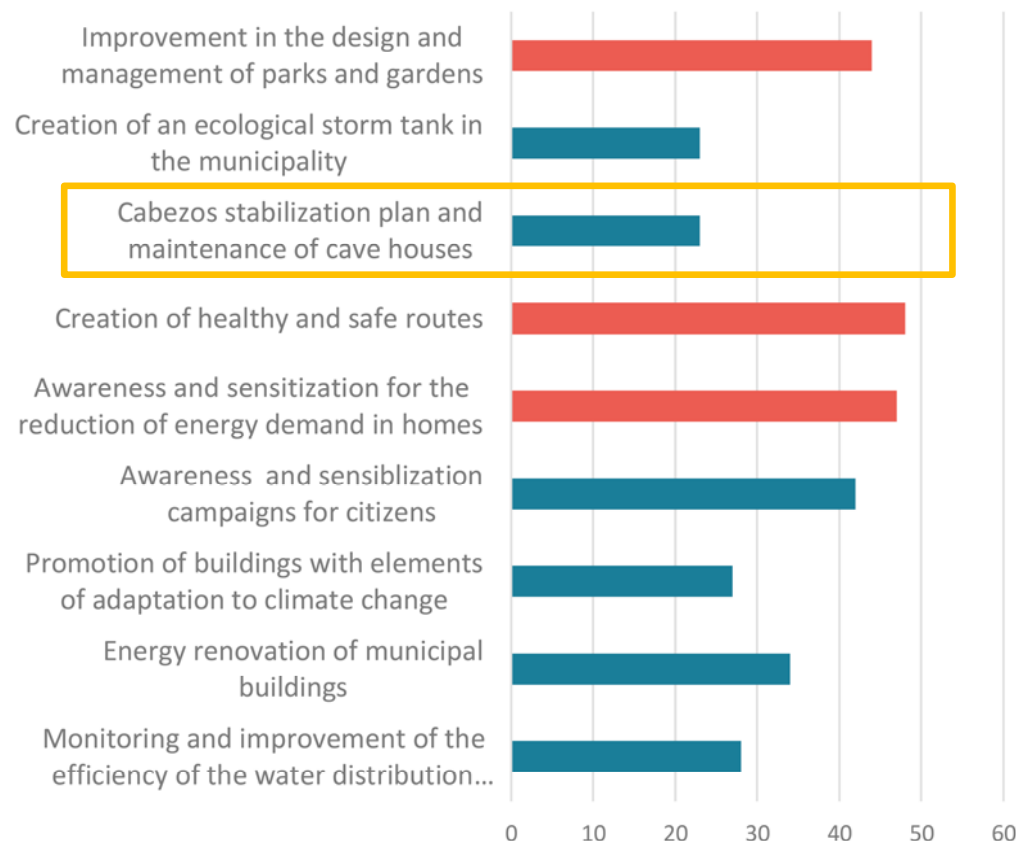
➤ 6 Estrategic Lines

➤ 31 Actions

## ➤ Adaptation

➤ Estrategic Lines

➤ 25+2 Actions



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## PART 3

# “CABEZOS” ESTABILIZATION AND MAINTENANCE OF CAVES HOUSES PLAN

A CONCRETE ACTION

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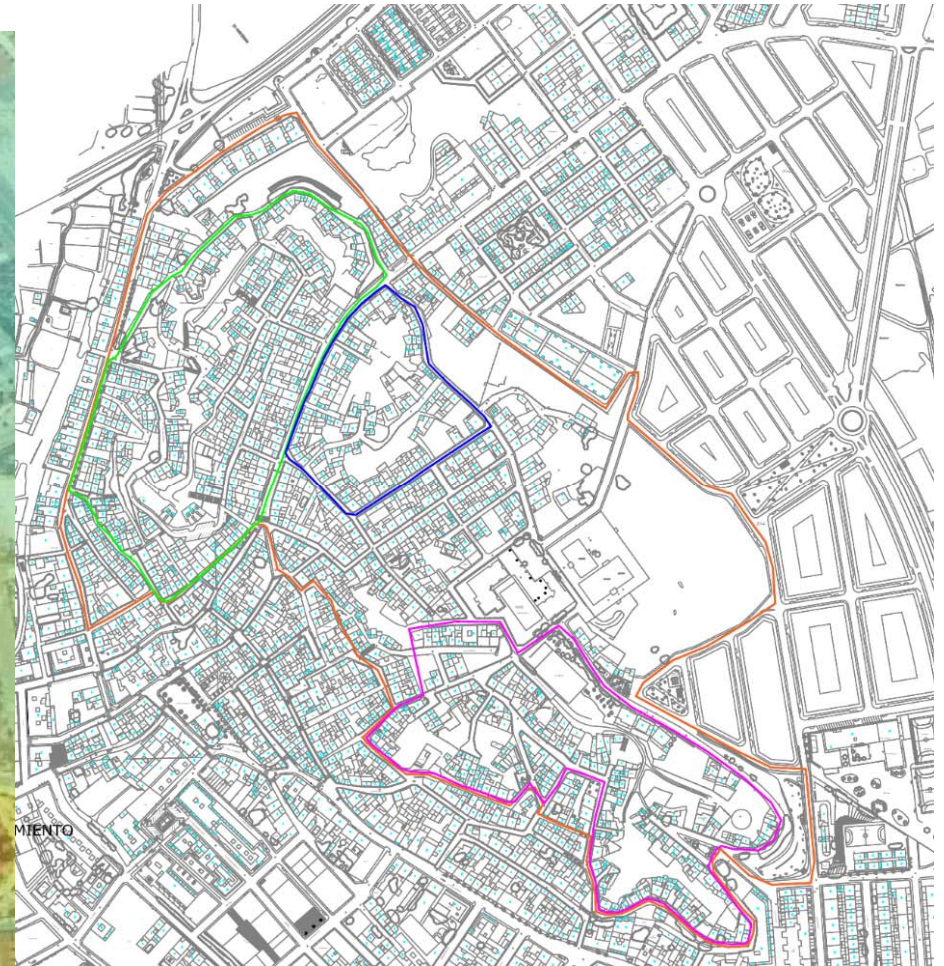
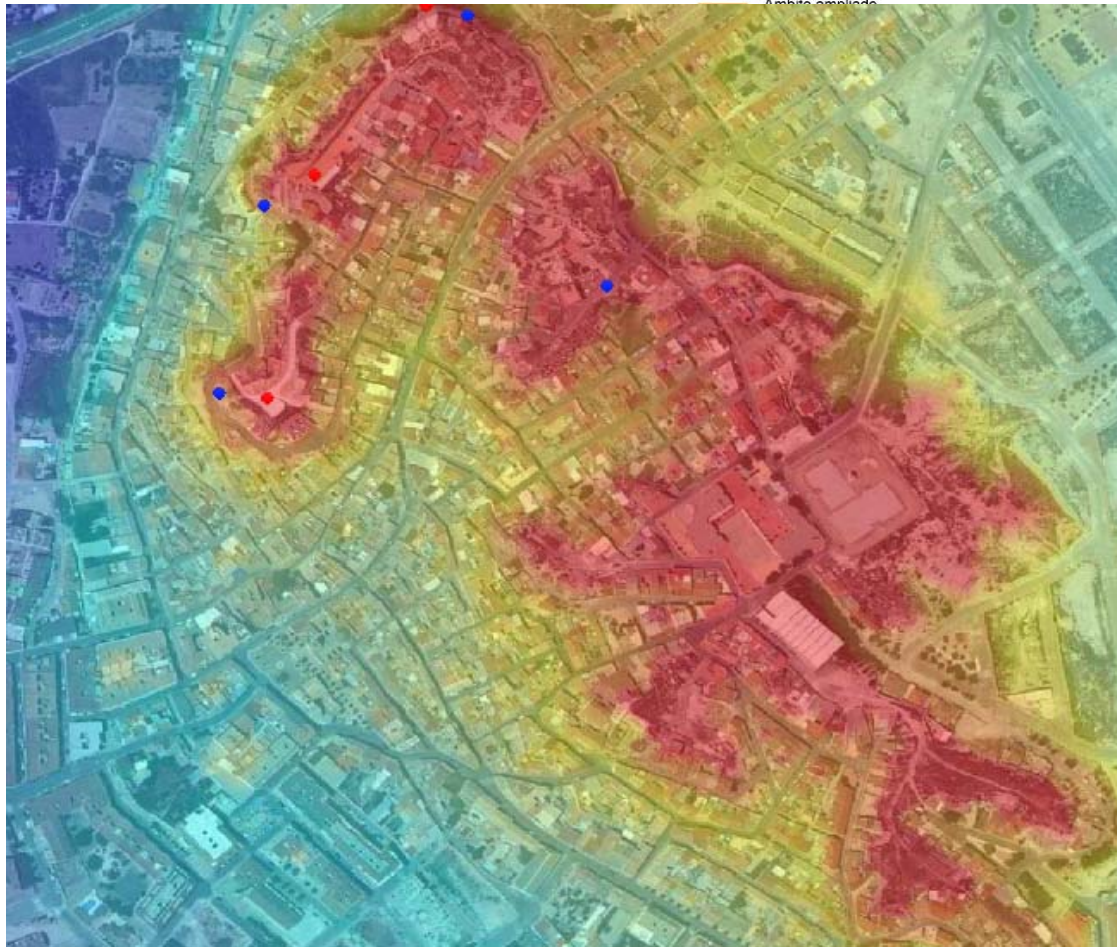


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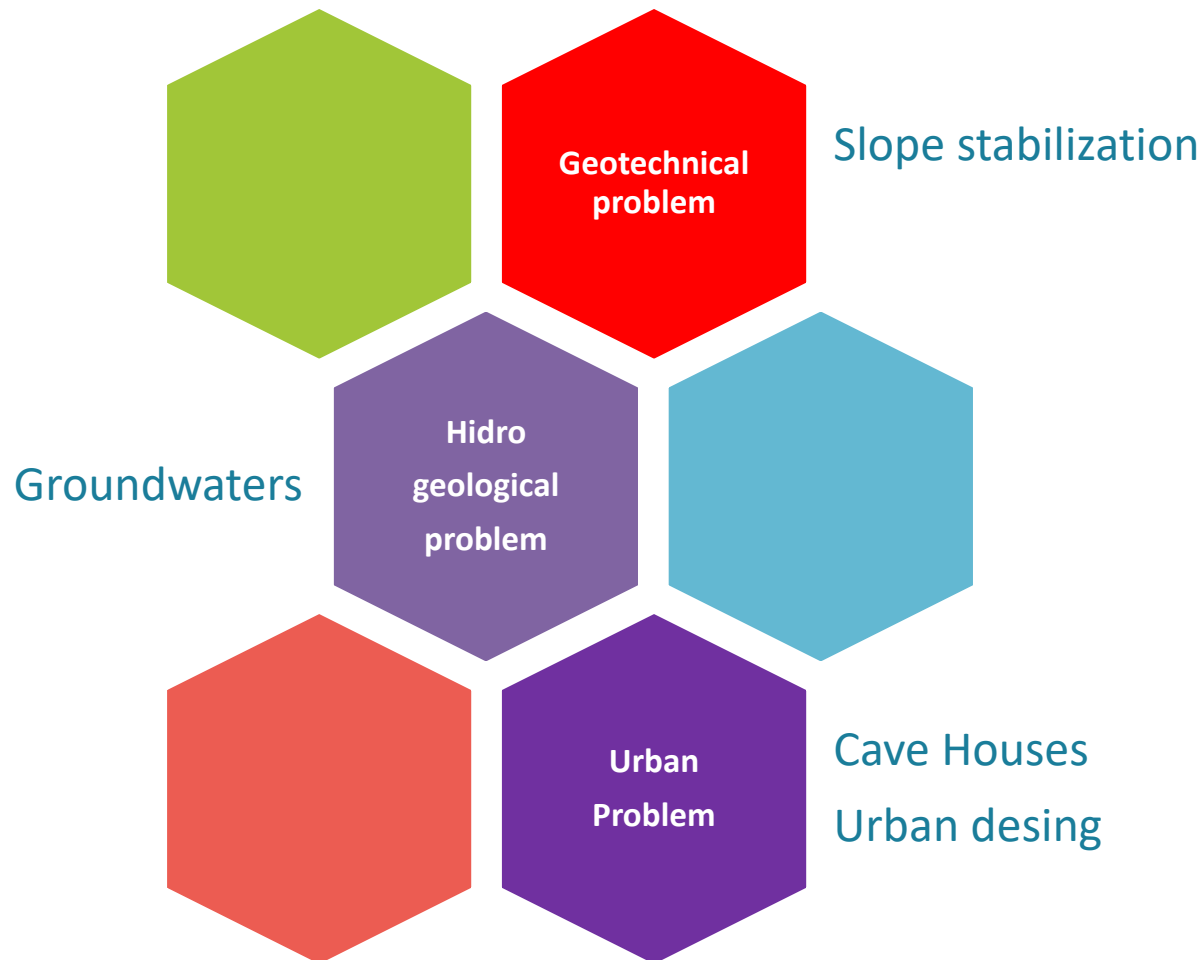


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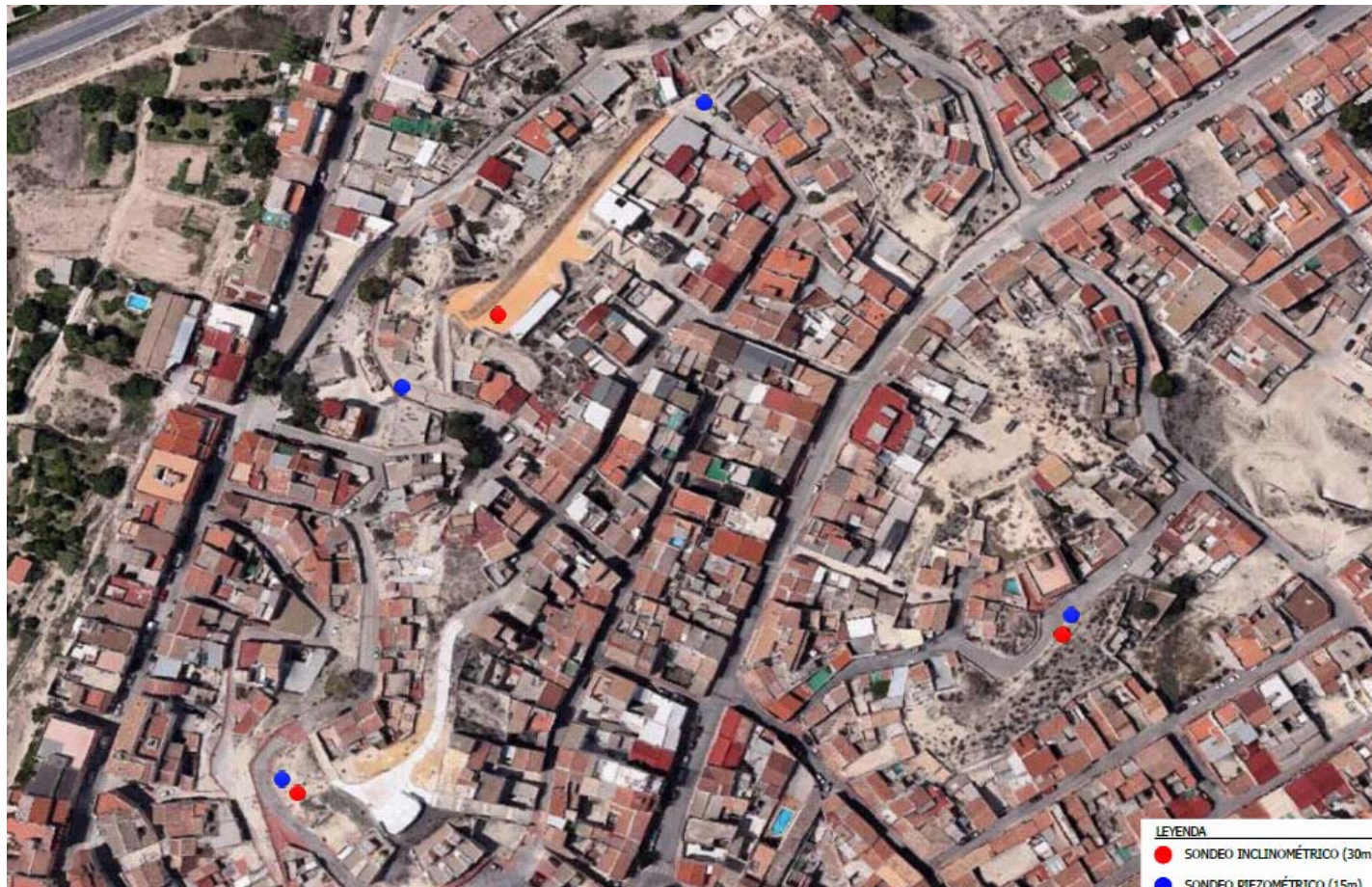
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Terrain analysis:  
Piezometers and  
inclinometers








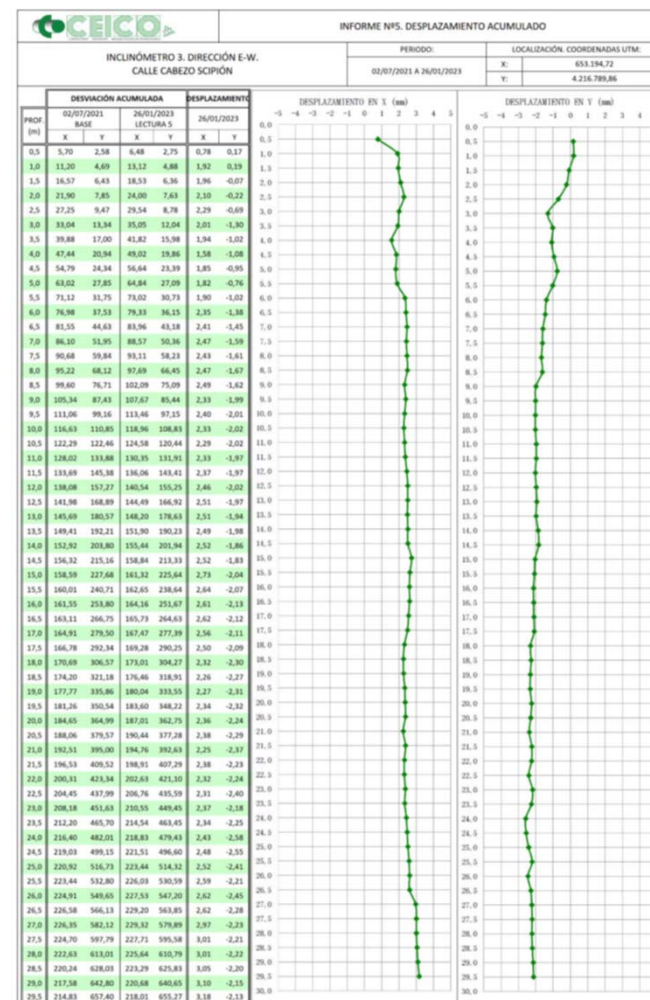
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## 4 LOCALIZACIÓN DE INCLINÓMETROS

SONDEO	INCLINOMETRO N°	SITUACIÓN
SR-1	INCLINOMETRO 1	Cabezo de la Ermita Norte (Mirador)
		
SR-5	INCLINOMETRO 2	Cabezo de la Ermita (C/ Cuesta Matuteros)
		
SR-7	INCLINOMETRO 3	Calle Cabezo de Scipión
		





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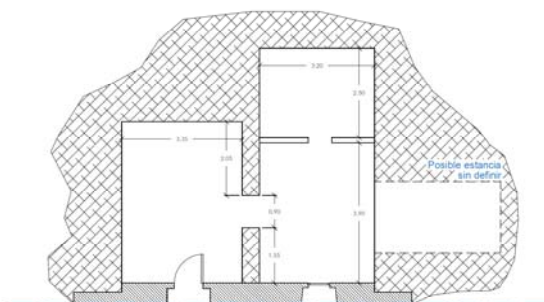


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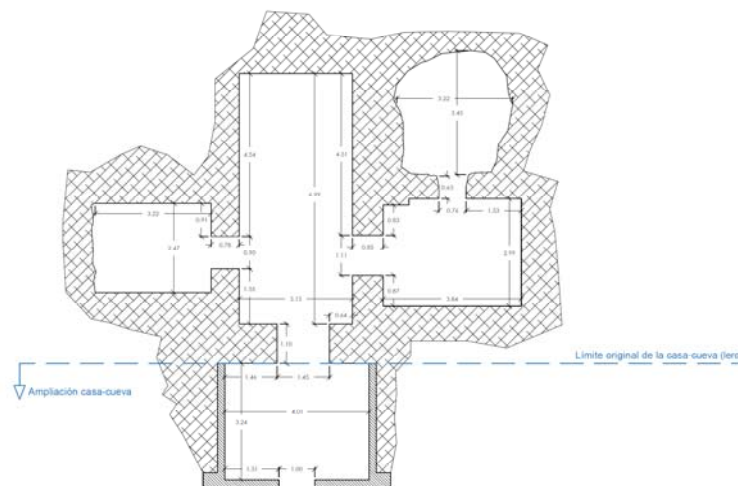
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PLANTA CASA CUEVA SEGÚN ESTIMACIONES DE PROYECTO



PLANTA CASA CUEVA UNA VEZ REALIZADAS LAS EXCAVACIONES Y AMPLIACIÓN PLANTEADA



Estado de la casa-cueva tras su abandono y previo a las actuaciones realizadas en el Cabezo de las Polacas con anterioridad al año 2016.



Zona de la cueva en 2016, durante las actuaciones de consolidación y revegetación del Cabezo de las Polacas.

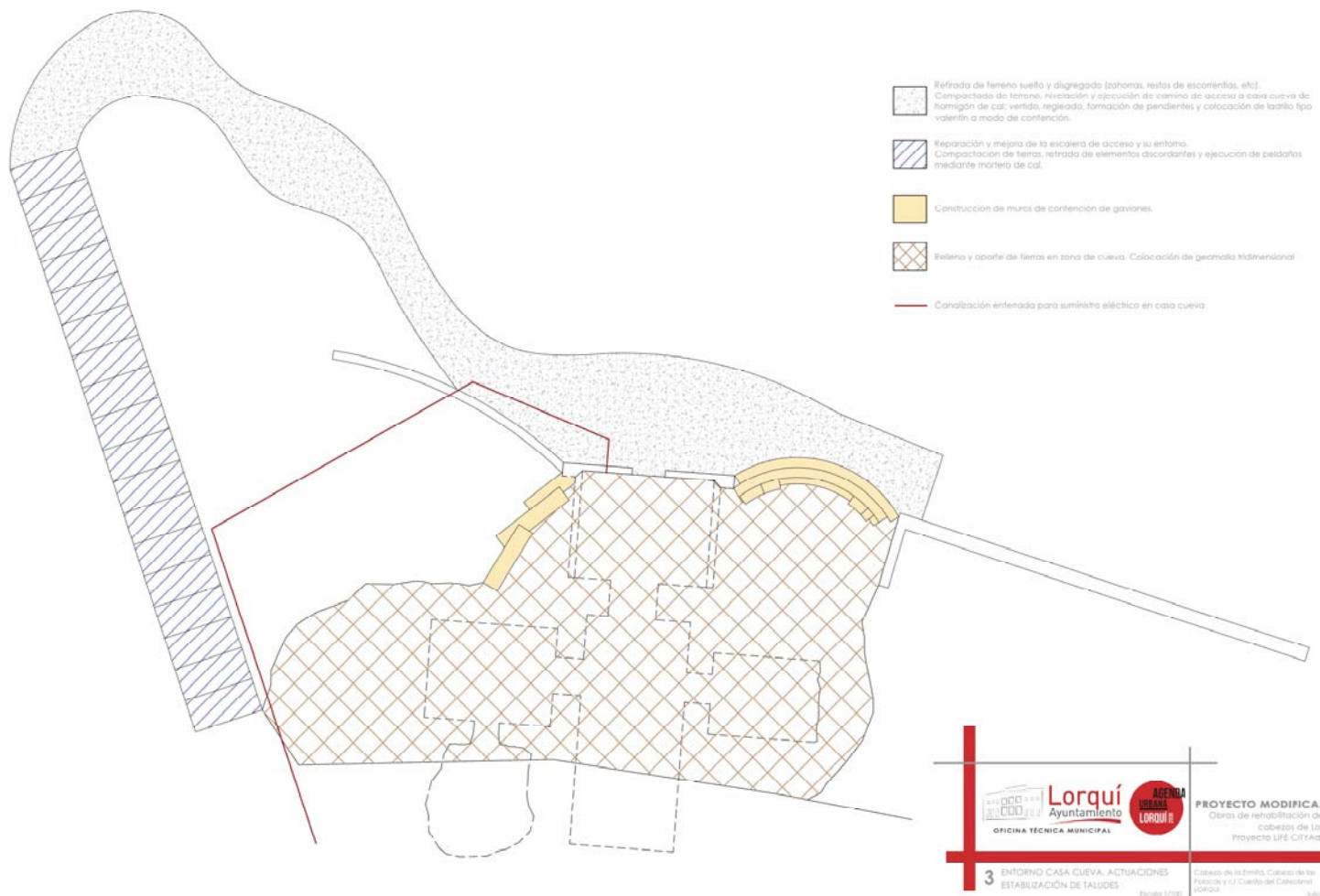


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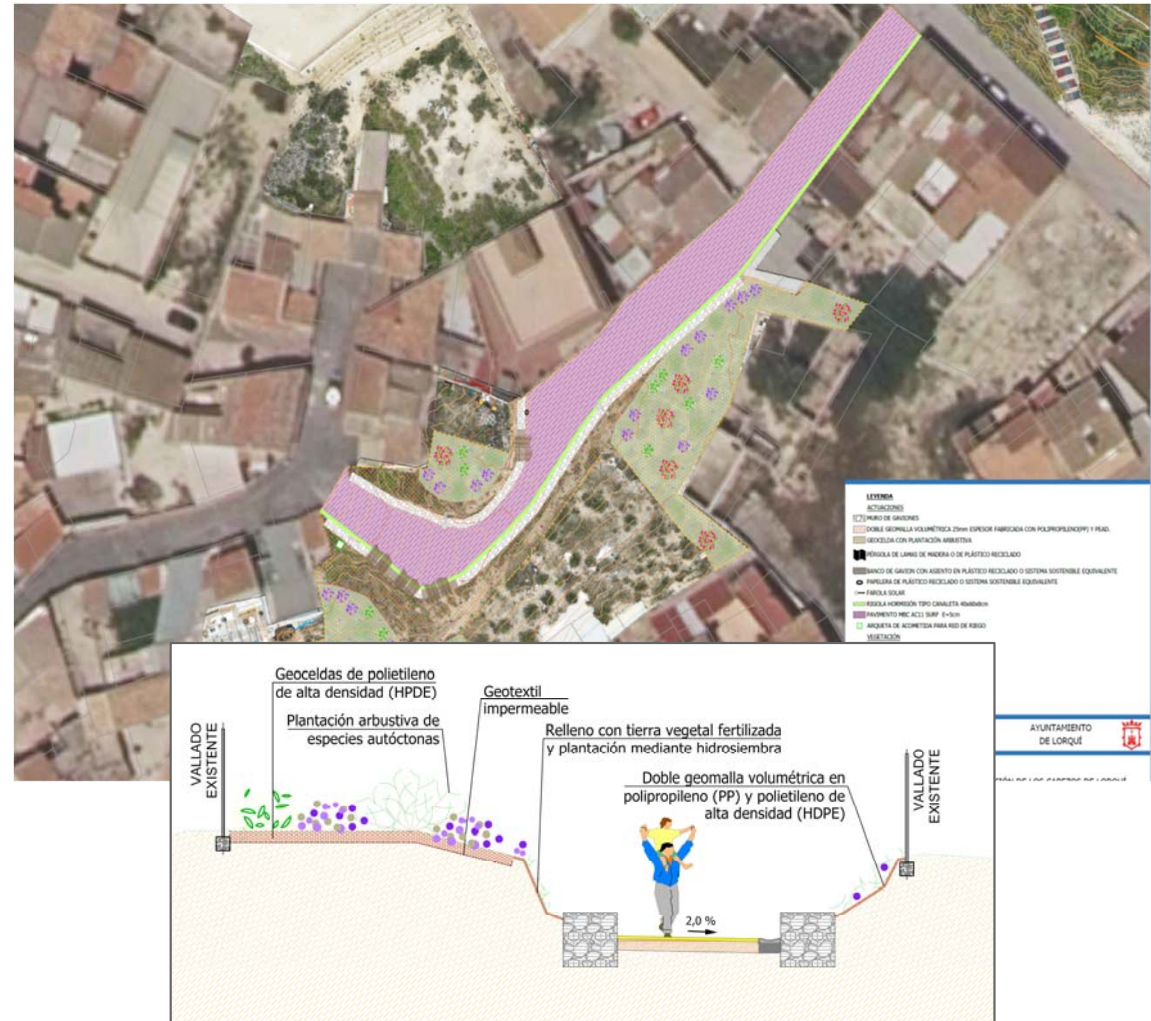


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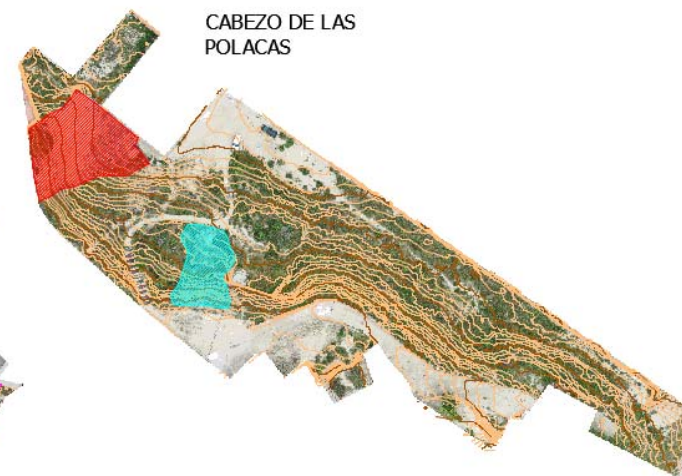
CABEZO DE LA  
ERMITA - NORTE






CABEZO DE LAS  
POLACAS -  
INTERIOR



CABEZO DE LAS  
POLACAS



CABEZO DE LAS POLACAS -  
CUESTA DEL CATECISMO

-  Taludes previstos en el proyecto que se estabilizan (725m2)
-  Taludes no previstos y con riesgo que no se estabilizan (644m2)
-  Taludes no previstos en el proyecto que se estabilizan (254m2)

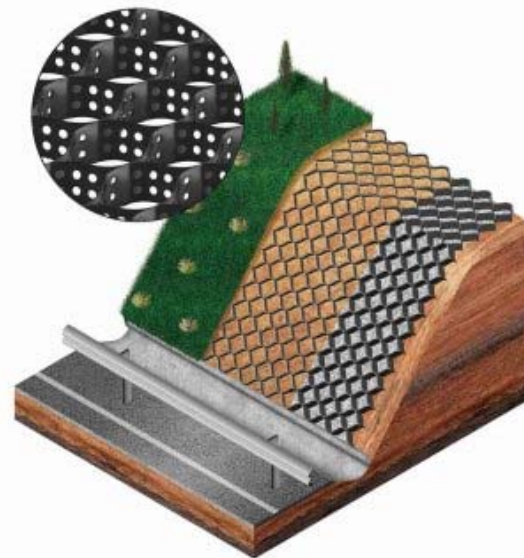


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Slope stabilization: geogrids and biodegradable blankets



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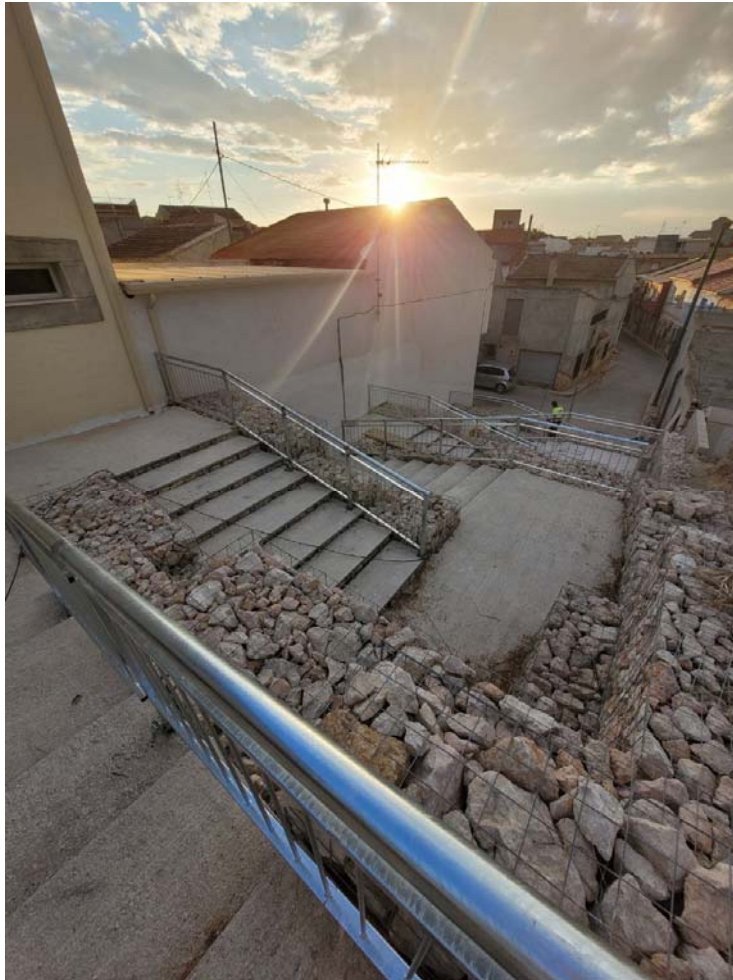


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## Tres líneas de trabajo / three lines of approach

- **Inclinómetros y piezómetros / Inclinometers and piezometers**
  - Instalados en la fase previa (último informe enero 2023) / Installed in a previous phase (last report January 2023)
- **Instalación de sensores de humedad y temperatura / Humidity and temperature sensors placement**
  - Funcionando desde noviembre de 2022 / Running since November 2022
  - Se ha incluido la casa cueva / The cave house has been included
- **Control de la erosión / erosion control**
  - Mediante drones / by drones (sep. 2021 – dic. 2022)
  - Prueba in situ / on-site testing (Spring 23?)



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September 2021



December 2022



Cabezo Polacas: Cave House zone



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September 2021



December 2022



Cabezo Polacas: Cuesta del Catecismo



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Strategy for  
the companies  
participation



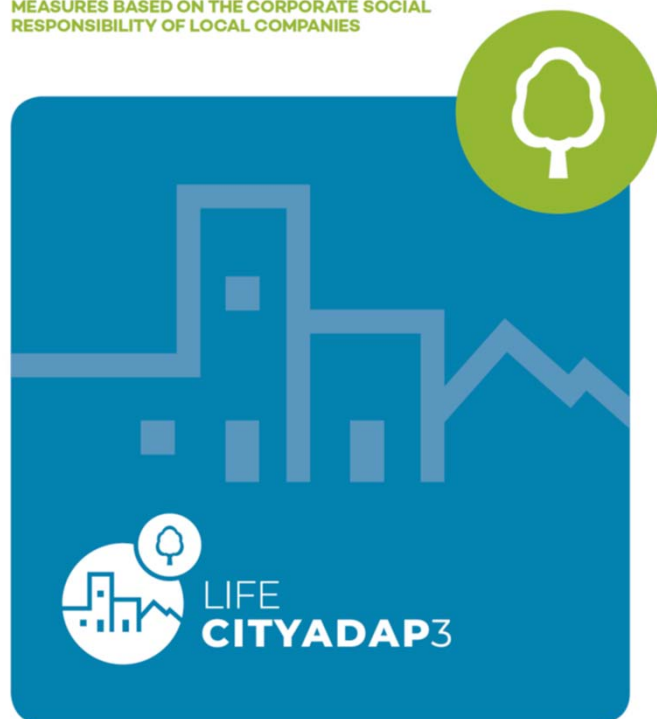
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## Guide for local councils

ON PUBLIC-PRIVATE COLLABORATION SCHEMES  
FOR FINANCING CLIMATE CHANGE ADAPTATION  
MEASURES BASED ON THE CORPORATE SOCIAL  
RESPONSIBILITY OF LOCAL COMPANIES



CONAMA 2022  
CONGRESO NACIONAL DEL MEDIO AMBIENTE

Metodología multicriterio  
para la priorización de  
acciones de adaptación



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GRUPOGAM

AUXILIARES HERMON S.L.

acciona  
Agua

ELSAMEX

SERVIMAN  
Murcia

entorno

>30.000€ contributions and three new companies ready to sign

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# Contact

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