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# Environmental Impact Assessment of Cepsa

2023





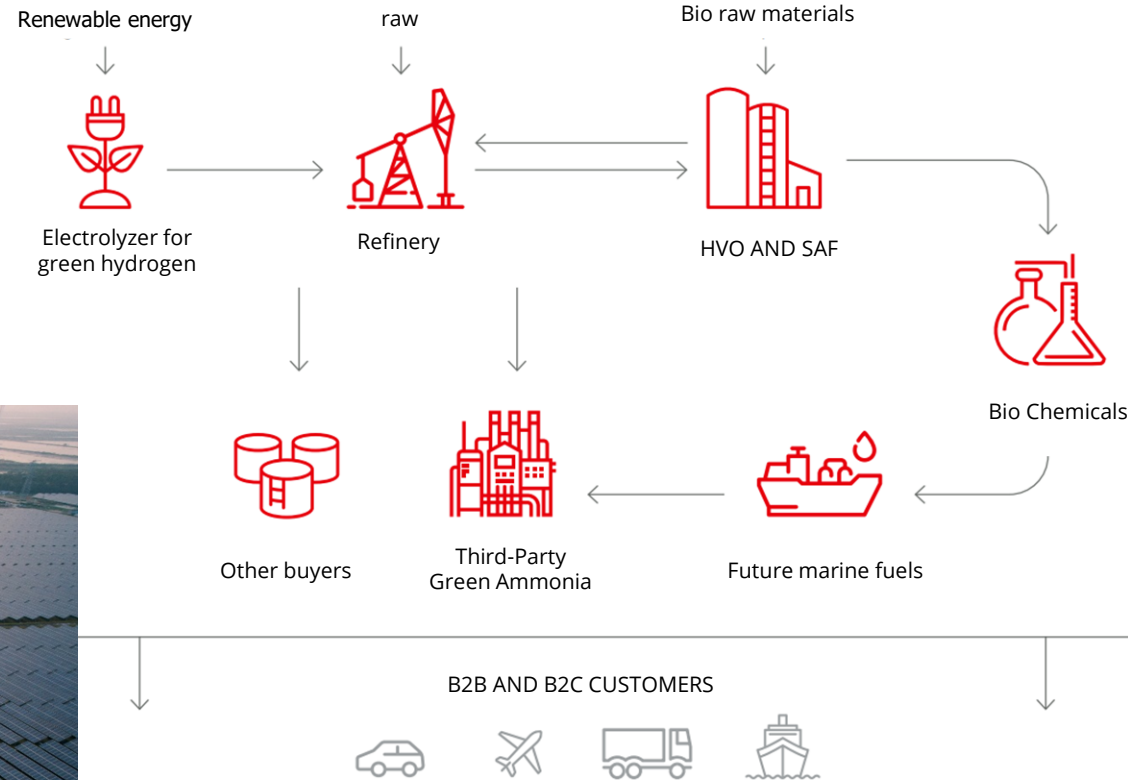
# Introduction

At CEPSA we are aware of the impact generated by our activities, and therefore we **monitor** them in detail and work to reduce them, not only by implementing **prevention and mitigation** measures, but also by transforming our energy business into an ecosystem of **mobility** and **sustainable energy**. We work to supply energy and chemical products with the smallest possible carbon footprint in order to reduce our emissions and help our customers in their decarbonization.

# Scope



## Transforming energy parks



# Cepsa's impacts



# Commitments

# Main environmental impact studies

More information at: [Sostenibilidad y Responsabilidad Corporativa - Cepsa](#)

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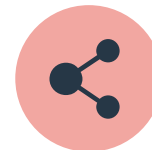
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### Energy Parks

Located in **Campo de Gibraltar** (Cádiz) and **Palos de la Frontera** (Huelva), they stand out as strategic assets for us and key to facilitating the energy transition strategy. They have **excellent connections** and are strategically located in southern Europe, next to important ports close to key markets and large industrial customers. Through **innovation and technology**, we want to bring out their full potential to develop new green products and decarbonise our production process.



### Chemistry

Located in **Spain, Canada, Brazil, Nigeria** and **China, Indonesia** and **Germany**. The national plants are located next to our energy parks and process high value-added raw materials. Our **products** are variously used as raw materials for detergents, resins, electronic components, synthetic fibres and pharmaceuticals, among others.



### Commercial & Clean Energies

We have two **lubricant** plants, five **bitumen** plants, **air and marine fuel services**, and several **electric power** production plants that supply other businesses, as well as the Alijar Wind Farm. We also develop decarbonization solutions by creating **biofuel, hydrogen**, and **renewable energy** business value chains.



### Mobility & New Commerce

We have an extensive network of **service stations** located mostly on the **Iberian Peninsula**, which supply fuel and work to lead **ultra-fast charging** on the road.



### Exploration & Production

We work on four continents with onshore, offshore and deepwater assets. We are currently producing crude oil in **Algeria**, we also have a significant presence in **Colombia** and other relevant exploration and production assets are located in **Peru**.



### Trading

This business includes the **supply of raw materials** for our production facilities, **storage management and the product channel**, in coordination with all the company's business units. It also allows us to have a presence in **international markets**.

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- Chemicals
- Exploration and Production
- Energy Parks
- Gas and electricity
- Trading
- Corporation
- Distribution and marketing of chemicals products
- Distribution and marketing of petroleum products
- Renewable energy generation



# Introduction




Thanks to the **Environmental Impact Studies** carried out and the **monitoring** of our activities, we highlight the following impacts on the environment:


# Scope




La Rábida Energy Park (Huelva).

 **GHG emissions**  
Increased relevance in our Energy Parks

 **Non-GHG emissions (SO2, NOx, ..)**  
Increased relevance in our Energy Parks, and Exploration and Production Assets.

 **Waste generation**  
Greater relevance in our Chemical Plants.

 **Use of water resources**  
Increased relevance in our Energy Parks, and Exploration and Production Assets.

# Cepsa's impacts



Cepsa Bioenergía San Roque (CBSR).



Simulacro marino (Energy Park San Roque).

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# Introduction

**Sustainability** is at the heart of our transformation: with our activity we want to generate a **positive impact** on the planet and people. To this end, we focus and **make commitments** on priority issues for society.



## Scope

### Climate change

- Objetivo **Net zero** en **2050**.
- Reduce **scope 1 and 2** emissions by **55%** by 2030 compared to 2019.
- Reduce the **carbon intensity index** of energy products sold by **15** and **20%** by 2030 compared to 2019.
- **Net zero** goal by **2050**



### Water withdrawals

- Reduce freshwater abstraction in **water-stressed areas** by **20%** by 2025, compared to 2019.



### Circular Economy

- Increase the **circularity** of our waste by **50%** by 2030.
- Increase the presence of **renewable and circular** raw materials in our **Energy Parks** by **15%** by 2030.



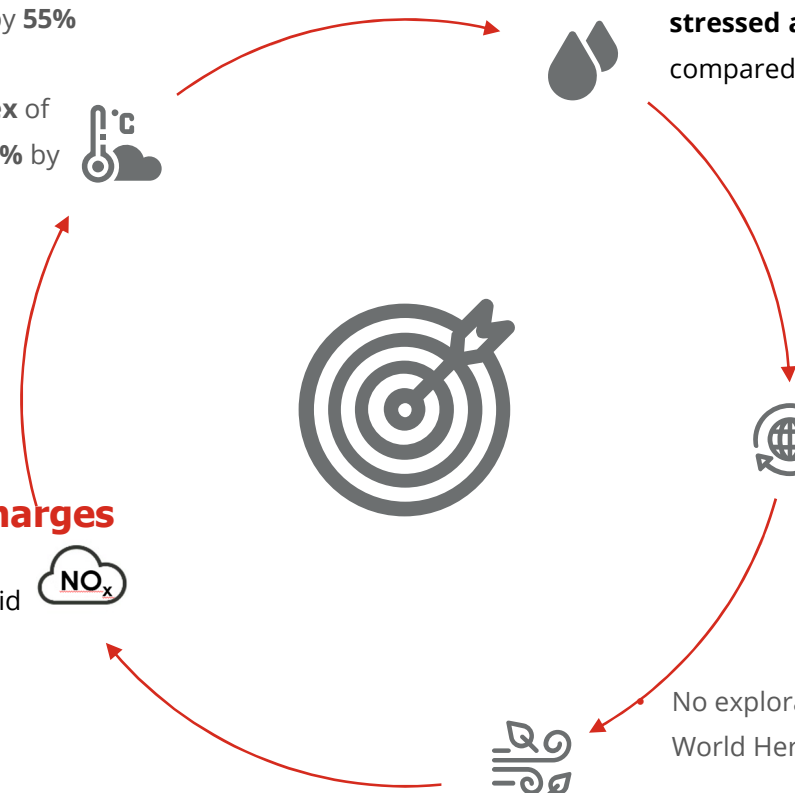
### Biodiversity

- No exploration and production operations in areas considered World Heritage Sites by UNESCO.
- We have set ourselves the goal of preserving and nurturing biodiversity at our wind and solar farms as we work initially towards no net loss at these plants and before going on to achieve a net positive impact.



### Non-GHG emissions and discharges

- Apply **Best Available Techniques** to avoid and mitigate emissions from our plants.



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## Emplacement



**Hydrotreatment** Units of the **La Rábida Energy Park**, in the municipality of Palos de la Frontera (Huelva).



## Date

January 2021.



## Project Objective

Introduction of used cooking oils (UCO) and fats of animal origin, all of which are considered **SANDACH**, to be processed together with mineral diesel in the **hydrotreatment** units.



## Motivation

Manufacture **second-generation biofuels** to continue contributing to the **decarbonization** of our industry by providing sustainable energy solutions and increasing the circularity of our operations.



## Conclusions of the EIA

The **overall environmental** impact obtained for the operation of the planned actions is classified as **compatible with the environment**.

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## Emplacement

**CBSR's** Biodiesel Production Plant, located in the Guadarranque Industrial Estate belonging to the municipality of San Roque, next to the facilities of the Gibraltar-San Roque Energy Park.



## Date

July 2021



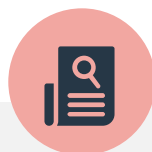
## Project Objective

Production of **second-generation biofuel** from extracted animal fats and used cooking oils, both classified as **SANDACH category 3**.



## Motivation

Continue to introduce waste as a feedstock into our operations, giving it a **second life** and promoting the use of **second-generation (2G) biofuels**.



## Conclusions of the EIA

The **overall assessment** obtained for the operation of the planned actions is classified as an **impact compatible with the environment**.



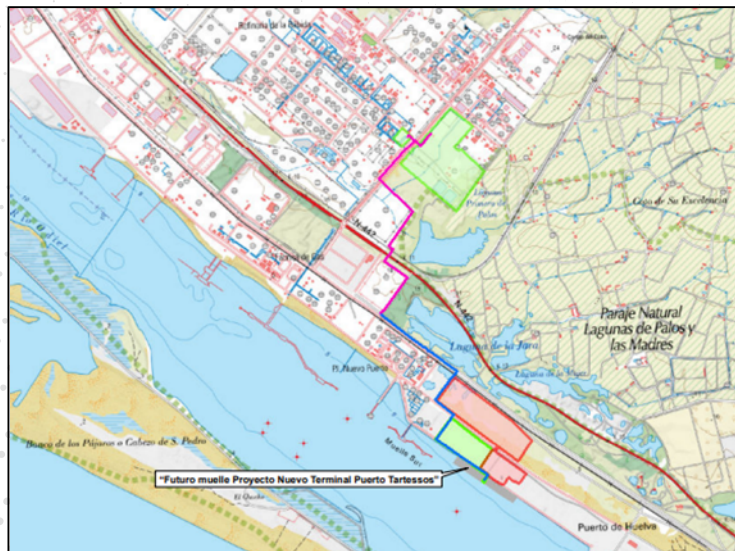
# Environmental Impact Study of the Green Project

Introduction

## Emplacement



New biofuel production complex located in four different areas in the municipality of **Palos de la Frontera** (Huelva).



## Date



November 2022.

## Project Objective



Construction of a plant for the production of **second-generation biofuels** from waste animal oils and fats.

## Motivación



Continue to contribute to the **decarbonisation** of our industry by providing sustainable energy solutions.

## Conclusions of the EIA



The **overall environmental** impact obtained for the operation of the planned actions is classified as **compatible with the environment**.

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## Emplacement



Renewable H<sub>2</sub> generation plant by electrolysis of water at the facilities of the **Los Barrios Thermal Power Plant**, next to the port of Bahía de Algeciras (Cádiz).

Scope



## Date



February 2023.

## Project Objective



Construction of a plant to generate **hydrogen** from **renewable sources**.

## Motivation



Continue to contribute to the **decarbonisation** of our industry by providing sustainable energy solutions.

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## Conclusions of the EIA

The **overall environmental** impact obtained for the operation of the planned actions is classified as **positive compatible with the environment**.

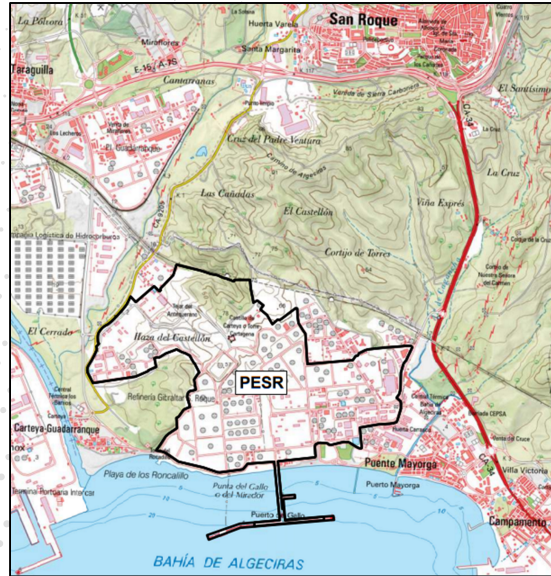
Main environmental impact studies



Introduction

## Emplacement

**Hydrotreatment** Units of the **San Roque Energy Park**, located in the Bay of Algeciras (Cádiz).



## Date

March 2023.

## Project Objective

Introduction of used cooking oils (UCO), fish oils and fats of animal origin, all of which are considered **SANDACH**, to be processed together with mineral diesel in the **Hydrotreatment** units.

## Motivation

Manufacture **second-generation biofuels** to continue contributing to the **decarbonization** of our industry by providing sustainable energy solutions and increasing the circularity of our operations.

## Conclusions of the EIA

The **overall environmental** impact obtained for the operation of the planned actions is classified as **compatible with the environment**.

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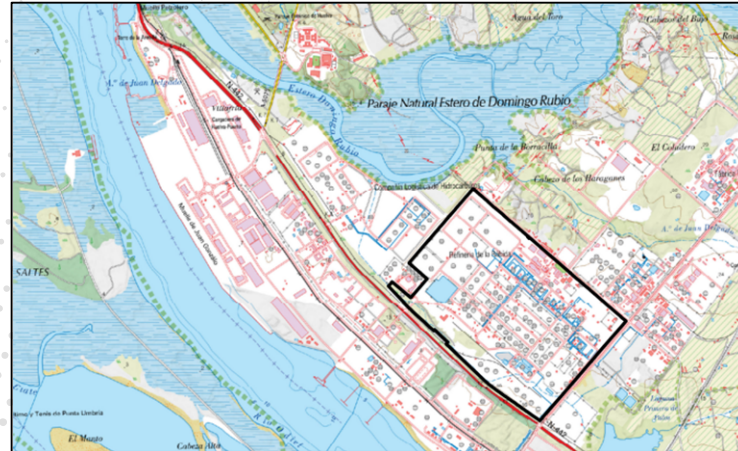
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## Emplacement

**Green H2** generation plant by electrolysis of water at the facilities of the **La Rábida Energy Park**, in the municipality of Palos de la Frontera (Huelva).



## Conclusions of the EIA

The **overall environmental** impact obtained for the operation of the planned actions is classified as **compatible with the environment**.



## Date

November **2023**.



## Project Objective

Construction of a plant to generate **hydrogen** from **renewable sources**.



## Motivation

Continue to contribute to the **decarbonisation** of our industry by providing sustainable energy solutions.