ANCAP's Energy Transition Projects

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ANCAP

Supply reliably the fuels demanded by the Uruguayan market, at the required quality and quantity, in an affordable and sustainable way

ANCAP

Decarbonization of current operations

We are committed to the reduction of the carbon emissions from our traditional operations and in all our industrial plants.

Hydrocarbons Exploration & Production

First time in Uruguayan history that all the offshore blocks are awarded with E&P contracts.

Take responsibility for the energy transition in Uruguay, leading the development of sustainable molecules that will be increasingly consumed in the coming decades

BioRefinery

ANCAP and ALUR are working to develop HVOs (Hydrotreated Vegetable Oils), which are fuels from vegetable oils, animal fats and used cooking oils (UCOs).

The raw materials will be processed at ALUR's facilities and the HVO produced at ANCAP's La Teja Refinery, through catalytic hydrogenation.

e-fuels

Biogenic CO_2 of ALUR's bioethanol plant in Paysandú will be used for the first e-fuels production project in Uruguay.

H_2U Offshore

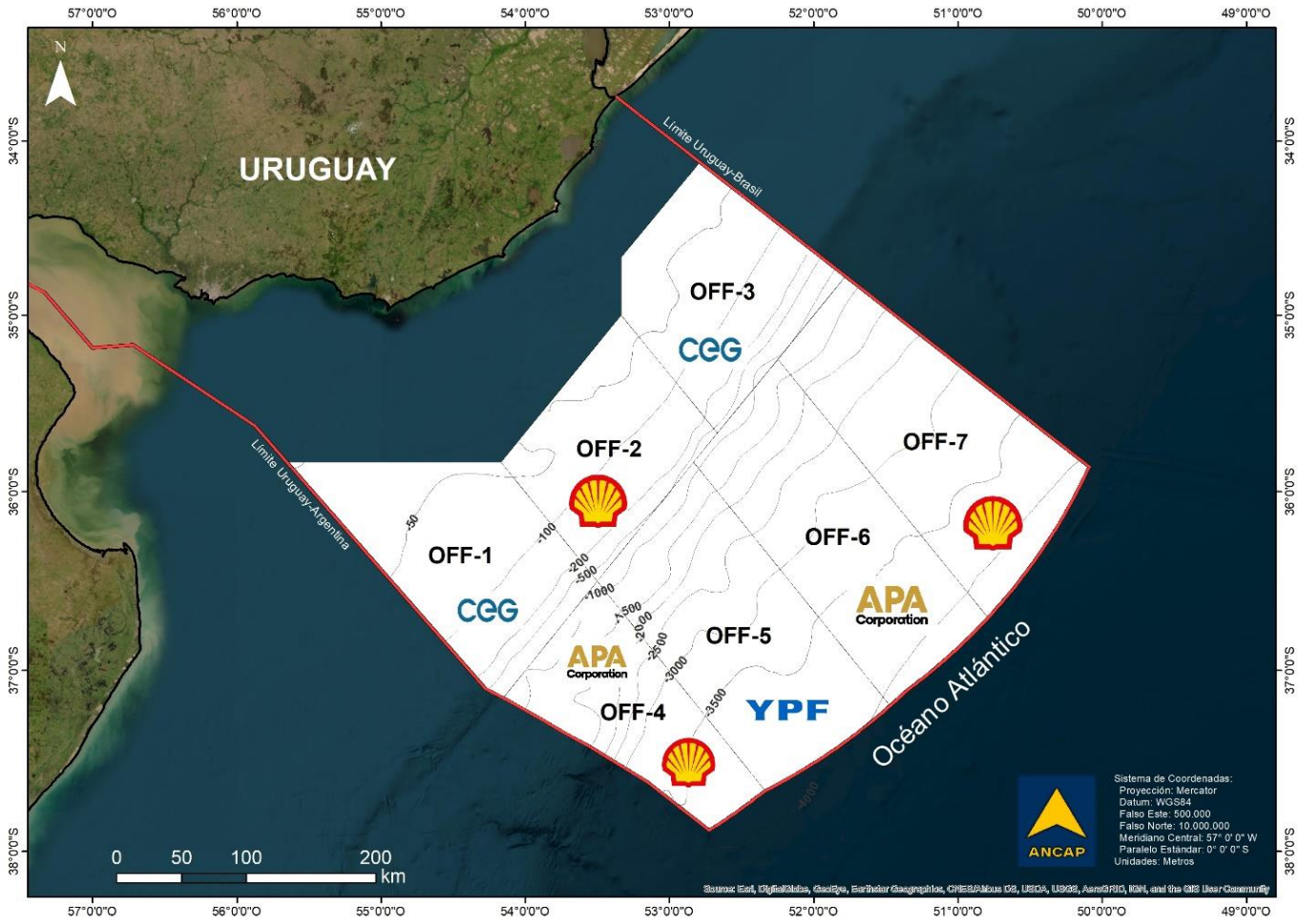
URUGUAY Offshore

ANCAP is planning to tender offshore areas for energy companies to carry out feasibility studies and potential installation of infrastructure for the production of H_2 from offshore renewable energy, at their own cost and risk entirely.

ANCAP

Exploration and Production

- Remarkable analogies with discoveries in Namibia – Renewed interest
- Blocks size aprox. 15.000 km2
- Short term future: more companies entering via farm ins
- Nominal Investment Commitment: 127 MMUSD
- Working over existing data
  - 3D seismic
  - 1 exploratory well in Area OFF-6
- In case of Production, no venting or flaring allowed, therefore CO2 intensity could be one of the lowest.



Biorefinery: HEFA Unit for the Production of SAF or Green Diesel

Rapeseed Oil (potential)
90.000 tons
Soybean Oil (potential)
500.000 tons
Animal Fat EXP 2022
90.000 tons
UCO EXP 2022
2.000 tons
UCO potential
5.000 – 10.000 tons

Present Capacity
110.000 tons of oil
- 80 % ALUR

15.000 tons of animal fat

ALUR ALCOHOLES DEL URUGUAY

Partner | Commercial Risk Selection during 2024

150.000 ton

H2
Utilities
Storage
Handling

Effluents
Byproducts

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Scale and Potential Impact

2.000 to 5.000 tons of biogenic CO_2

10.000 ton **bio** Propane
- 8 % demand of UY

5.000 to 20.000 tons **bio** Gasoline
- 1 to 3 % demand of UY
- 5 to15 % more H_2 available (**green**)

Up to 120.000 tons **SAF**
- 150 % demand of UY

Up to 130.000 tons **RD**
- 15 % demand of UY
- Up to 7 % conditional to 2030, according to 2da NDC

Production of e-fuels in Paysandú

HIF Paysandú eFuels Facility

The HIF Paysandú eFuels facility will be our first project in Uruguay. It expects to produce approximately 250,000 tons per year of carbon neutral eGasoline, with the potential to decarbonize over 150,000 vehicles. It will provide over 3,000 jobs during construction and 300 during operations.

Quick Facts

- $US 4 billion investment
- 700,000 tons/year of eMethanol
- 900,000 tons of CO2 captured/year
- 2025 construction date

https://hifglobal.com/region/hif-uruguay

H_2U Offshore

Source: https://tractebel-engie.com/en/news/2019/400-mw-offshore-hydrogen-production-takes-system-to-new-levels

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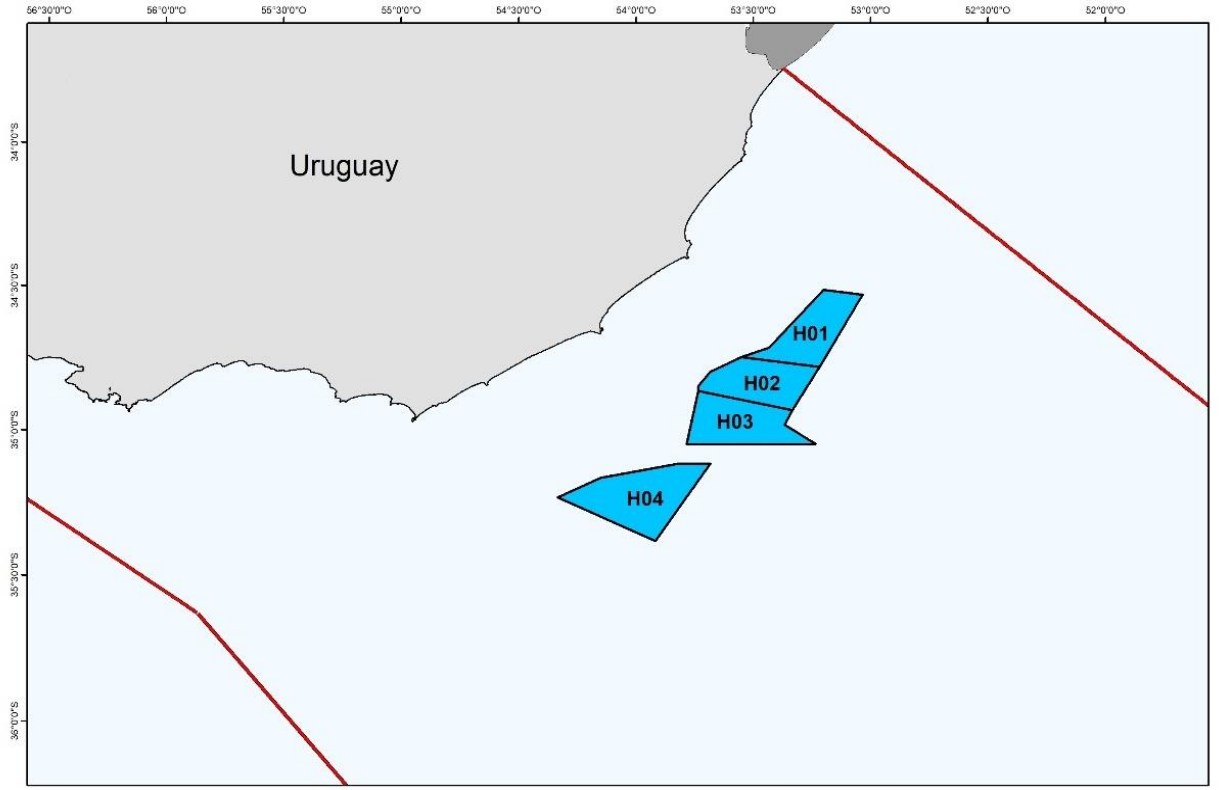

Estimated Potential for 760 km2 (500 km2 to avoid wake effect):

- Minimum 3,2 GW
- Production of ≈ 200.000 TonH2/year

Thank you for your attention

ANCAP