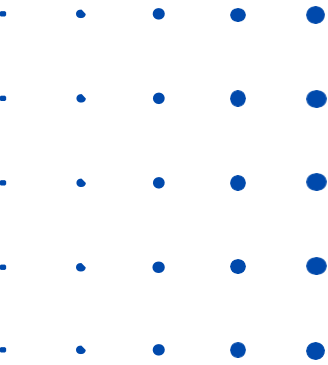




ESAF

EGYPTIAN SUSTAINABLE AVIATION FUEL COMPANY





STRATEGIC GOAL 5

INTEGRATED AND
SUSTAINABLE,

ENVIRONMENTAL
SYSTEM

ALIGNMENT WITH THE SDGs



6 CLEAN WATER
AND SANITATION



7 AFFORDABLE AND
CLEAN ENERGY



11 SUSTAINABLE CITIES
AND COMMUNITIES



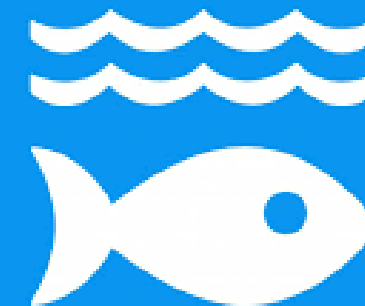
12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION



14 LIFE
BELOW WATER



15 LIFE
ON LAND





**EGYPT GREEN HYDROGEN
PROJECT IN Suez Canal
Economic Zone (SCZONE)
AIN SOKHNA**



EGYPT GREEN HYDROGEN

To process **4 million tons** of organic and plastic waste annually to produce 300,000 tons of green hydrogen.

Planned to produce **800,000 tons** of green ammonia per year for export to Europe and Asia.



**Egypt is a, major, growing hub for
wind energy in Africa**





•**Ras Ghareb Wind Farm (262.5 MW)**: Known as Egypt's first private sector wind farm, this project was completed ahead of schedule in 2019.

•**Red Sea Wind Energy Project (500 MW)**: Located 40 km northwest of Ras Ghareb, this 84-turbine project reached commercial operation in late 2024.

•**Galala Mountain Projects**: New projects are underway in this region, utilizing high wind speeds of 15 m/s at 1,800 meters elevation.





Benban Solar Park in Aswan is one of the largest solar installations in the world



Aswan is the "Solar Capital" of Egypt, hosting **largest installations in the world**

Currently generates **1,465 MW through **32 plants****

Produces electricity equivalent to **90% of the High Dam's output**

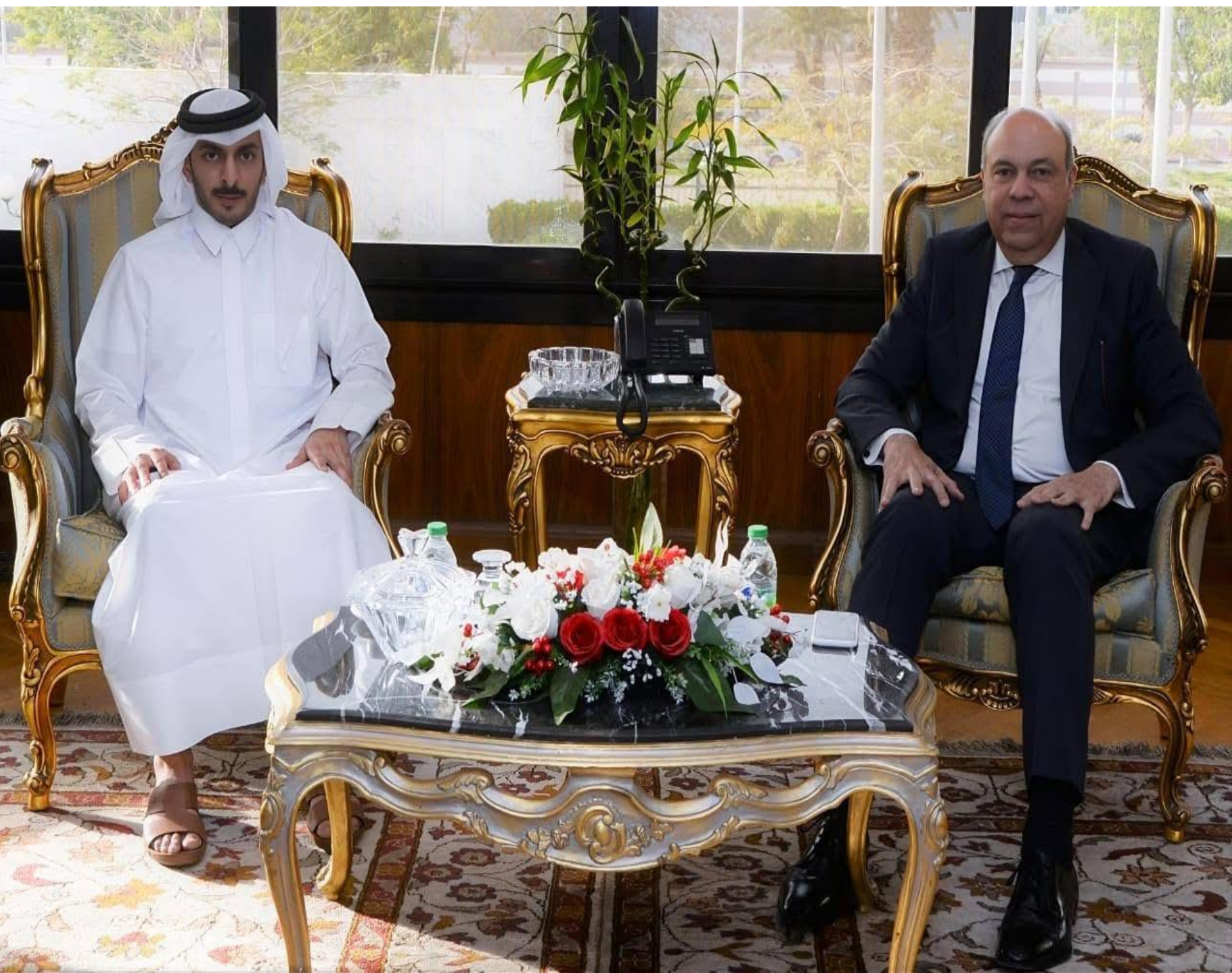


Qatar Invests \$200 Million in Sustainable Aviation Fuel Plant at SCZONE

Qatar's Al Manaa Holding to establish "Saf Fly," the first Qatari industrial project in the Suez Canal Economic Zone

Located in Sokhna, the plant will produce Sustainable Aviation Fuel (SAF) by refining used cooking oils to support global aviation decarbonization

full-scale production and export operations expected to launch by early 2028



Egypt's Minister of Civil Aviation met with a Qatari investment group led by **Sheikh Fahd bin Nasser Al Thani** to explore establishing a **Sustainable Aviation Fuel (SAF) production** plant in Egypt.

The initiative supports Egypt's strategy to become a regional hub for low-emission aviation and aligns with global efforts to achieve **net-zero carbon emissions by 2050**.

Both sides expressed readiness to cooperate and expand **sustainable investments**.

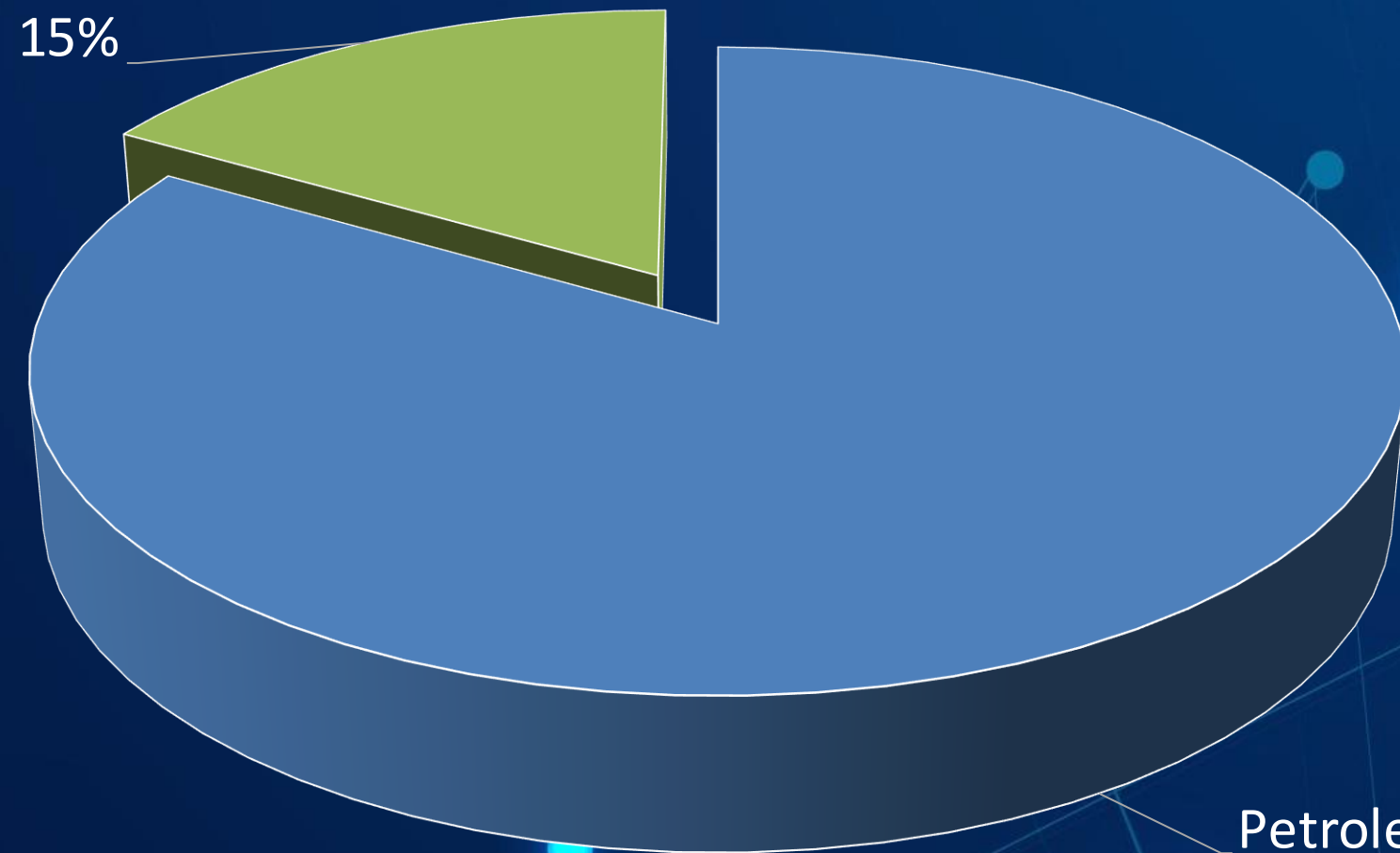


COMPANY INTRODUCTION



SAF Company Shareholders

Private
Sector 15%



Petroleum
Sector 85%

Project Cost
Estimated



TIC: **320** Million USD

Project Objectives

1

Best utilization of Used Cooking Oil to be repurposed to produce a value-added sustainable product

2

Reduce Carbon Emissions to meet global sustainable goals

3

Promoting Environmental Sustainability to avoid degradation of natural resources for future generations.

4

Satisfying the global SAF demand

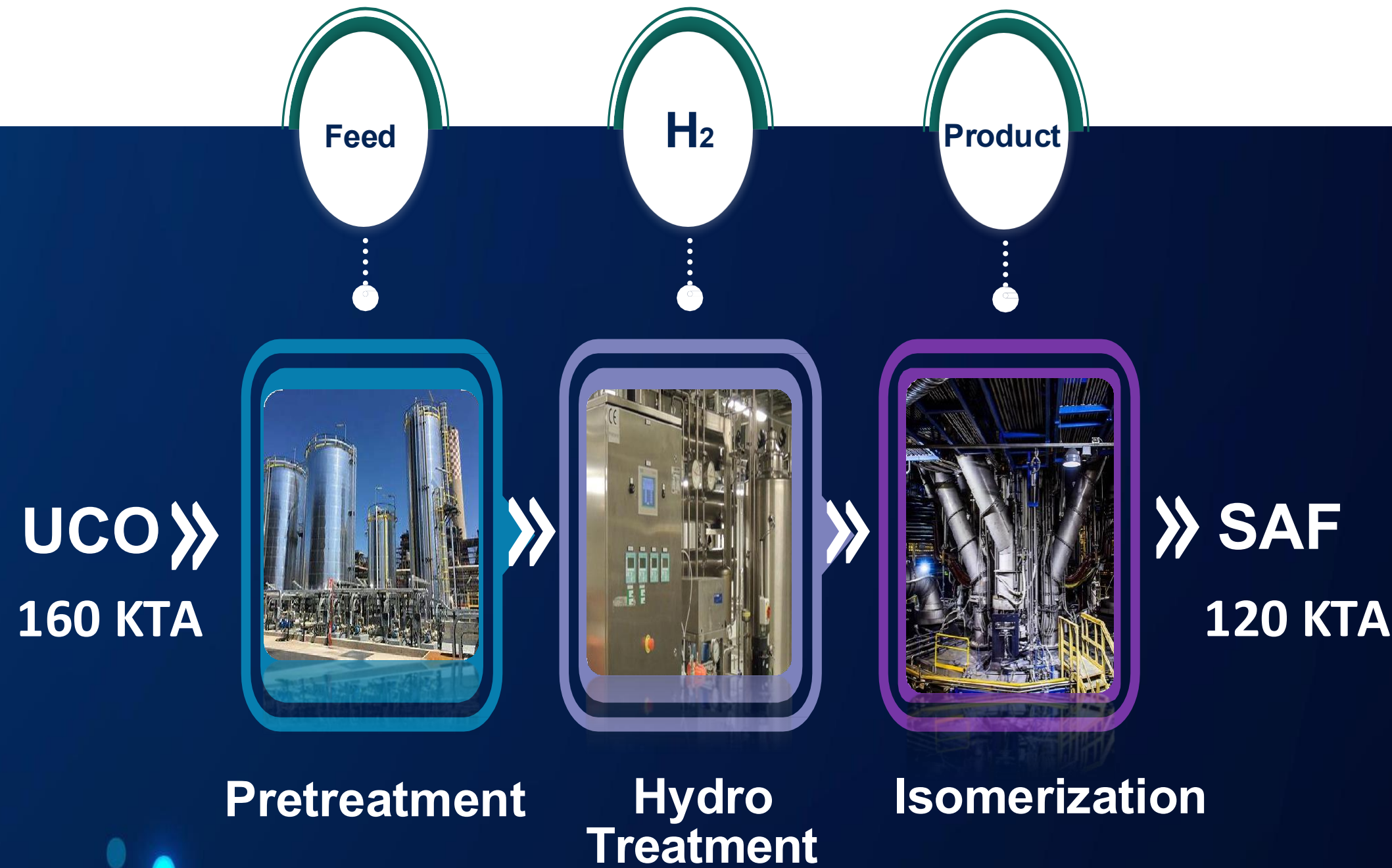
5

Supporting Egypt waste management system / environment regulation



Process Description :

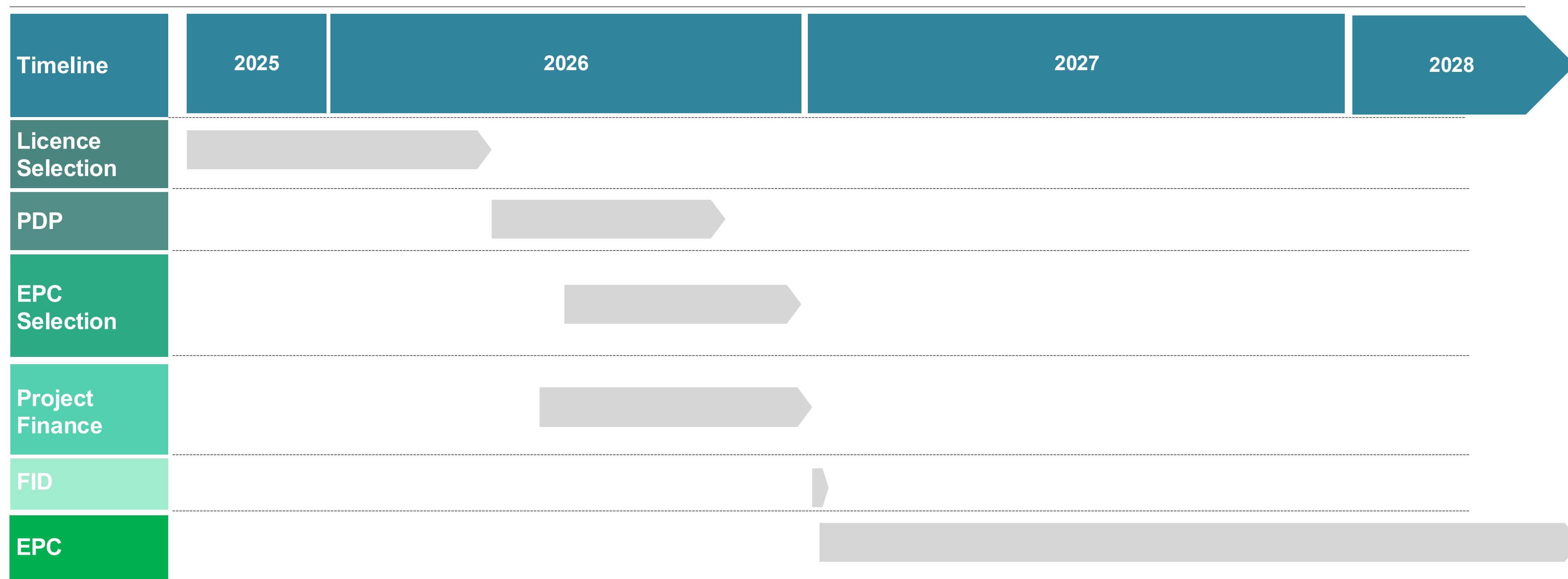
Project Proposed Location



Available area

105,000 square meter ≈ 25 Feddan

Project Preliminary Timeline :



Financial Preliminary Indicators :



Project Estimated
Cost

\$320 M

Min_{DSCR}

1.2

Project IRR

18%

Payback period

5 years



AREAS of Progress

Feedstock

- Term sheets have been signed with both local and international traders “Tagaddod, Masdar, Delta Oil and insomnias” to secure 100% of the required supply of Used Cooking Oil (UCO).
- Detailed supply agreements are currently under review with local companies to secure 160,000 tons of UCO annually.
- The Prime Minister’s was issued A decree, followed by Minister of Environment Decree No. 150 of 2025, regulating the licensing of companies for the collection, transportation, and storage of used cooking oils which includes an export permit fee set at 1% of the annual quantity value.
- The Ministry of Environment stated that, following the issuance of the executive regulations, the process of registering data for companies operating in the collection, transportation, and handling of used cooking oil has commenced. This step aims to establish a comprehensive database that includes collected quantities, sources of collection, and export destinations. A number of companies have applied for the necessary licenses, and licenses have been issued accordingly.

Offtake

- Several letters of interest from international companies to off-take more than 180 KTA of SAF for the international market.
- A detailed contract has been signed with the Egyptian Petrochemicals Holding Company (ECHEM) to market and sell approximately 20 KTA of the actual production within the local market.
- Signed term sheets with international traders to offtake 100 KTA of SAF And 10 KTA of by products.
- A committee has been formed under the Supervision of the Ministry of Petroleum, with the membership of the Ministries of Investment, Environment, and Civil Aviation, to provide full support to ESAF. This includes facilitating the supply of the required feedstock, securing the necessary certifications for product sales, supporting the provision of investment incentives for the project, and addressing any challenges that may arise.



Project License

- During the second quarter of 2025, an international tender was executed to select licensors for the Sustainable Aviation Fuel (SAF), hydrogen, and pretreatment units, in addition to preparing the technical scope of work for the EPC contractor and developing the Basic Engineering Design Package (PEDP) for the main process units (ISBL).
- A Letter of Award was signed with UOP (USA) as the selected licensor in December 2025.

Finance

- An indicative terms sheet has been received from UKEF and HSBC.
- A draft Mandate Letter has been received from the (EBRD) and is currently under review.
- Following engagement with multiple banks, QNB was appointed to prepare a dynamic financial model for ESAF, intended for circulation among shareholders and lenders.
- Letters of intent from local and international companies were received to participate in the project.



Project execution

- An international tender was issued in January 2026 for the selection of a Project Management Consultant (PMC). Proposals were received in March 2026 and are currently under review
- In line with the project's commitment to meeting international sustainability standards and certification requirements, a committee has been established to share the tender documentation for the selection of an international Sustainability Certification Consultant. The selection is planned within Q2 2026.
- To accelerate project execution, a several of meetings were held with UOP and potential contractors to explore execution strategies and opportunities to optimize the schedule, aiming to enhance implementation efficiency while maintaining approved technical standards and improved project economics.





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THANK YOU