



COP27
SHARM EL-SHEIKH
EGYPT 2022



صندوق مصر السيادي
THE SOVEREIGN FUND OF EGYPT

TSFE AT COP27

27 NOV'22 REPORT



W W W . T S F E . C O M



Egypt hosted COP27 on behalf of Africa, with a pledge towards implementation, TSFE played a role as a stakeholder to fulfill our own commitment towards sustainable investments and decarbonization. The following is a roundup of the projects announced by TSFE during COP27 demonstrating our commitment to transition from pledges to implementation. With the goal for Egypt to rise as the regional hub for green energy, TSFE partnered with world renowned developers and industry players in the field which resulted in showcasing all these projects.

“We have witnessed a huge momentum towards implementation at COP27, with every entity pushing towards action. Climate change is happening and reducing carbon emissions is no longer an option and the world is acting accordingly. At TSFE, we are proud to be a catalyst for that transition in Egypt, providing investors with a wealth of renewable energy sources, an optimal location for exporting and an investor-friendly ecosystem.”

**Ayman Soliman,
CEO of The Sovereign Fund of Egypt**



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TSFE AT COP27

KEY RESULTS

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Launched the

First integrated green hydrogen

plant in Africa and Emerging Markets in partnership with Fertiglobe, Scatec and Orascom Construction



Signed nine framework agreements worth

\$83 billion

for green hydrogen production with Scatec, AMEA, EDF, Zero Waste, Masdar, Hassan Allam Utilities, Infinity, Total Energies, Enara, ReNew Power, El Sewedy Electric, Fortescue Future Industries, Globeleq, Al Fanar



Signed an MoU with ACWA Power to explore a joint investment in a

\$1.5 billion

wind energy project with a capacity of 1.1 gigawatt (GW) in the Egyptian Gulf of Suez.



Endorsed the launch of **EgyCoP,**

the first Egyptian entity to fund the projects that reduce carbon emissions in Egypt



Organized

4 side events on:

- > **Channeling green investments into Africa** with African sovereign wealth funds and development financial institutions.
- > Promoting **Egypt's water desalination program.**
- > Green buildings showcasing the **repurposing project of the iconic Tahrir complex as a green building.**
- > **Green data centers** highlighting the growing demand and Egypt's potential as a regional hub.



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INVESTMENTS

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8 November 2022

Integrated Green Hydrogen Plant

The Sovereign Fund of Egypt, Fertiglobe, Scatec and Orascom Construction together launch the first integrated green hydrogen plant in Africa and Emerging Markets.

The plant is intended ultimately to house a 100MW electrolyzer capable of producing up to 90k tons of green ammonia per year, including 12,000 tons of hydrogen, powered by 260 MW of solar and wind.

The launch was held at the World Leaders Summit at an event attended by Egyptian President, Abdel Fattah El-Sisi, and Norwegian Prime Minister, Jonas Gahr Store.

“This project is a showcase of transitioning from pledges to implementation, delivering on Egypt’s promise to the world to create a regional hub for green energy and transforming the Suez Canal into a green corridor. We are setting a precedent with our foreign and local partners from the private sector by establishing the first integrated green hydrogen plant in Africa and Emerging Markets that caters to the growing demand for clean energy. It is a moment of pride that we will build on for future generations. Our pipeline of projects in the green energy field capitalizes on Egypt’s ideal location with its unique renewables profile and proximity to markets with renewables deficits to realize our shared goal of emissions reduction.”

Ayman Soliman, CEO of The Sovereign Fund of Egypt

Scatec

Fertiglobe
An ADNOC and OGI Company

ORASCOM
CONSTRUCTION



15 November 2022

Green Hydrogen : Signing of 9 Framework Agreements

Under the auspices of the Egyptian Ministry of Electricity & Renewable Energy, The Sovereign Fund of Egypt, Egyptian Electricity Transmission Company, New and Renewable Energy Authority and potentially the Suez Canal Economic Zone sign nine framework agreements worth \$83 billion for green hydrogen production



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Abdallah ElEbiary, Chief Investment Officer, The Sovereign Fund of Egypt



15 November 2022

Green Hydrogen : Signing of 9 Framework Agreements

CONSORTIUM | COMPANY

DESCRIPTION



Framework Agreement to develop **3,000,000 tones/annum** of Green Ammonia, using **4,560 MW** Electrolyzer that is fueled by Renewable Power



Framework Agreement to develop **700,000 tones/annum** of Green Ammonia, using **1,000 MW** Electrolyzer that is fueled by Renewable Power



Framework Agreement to develop **490,000 tones/annum** of Green Ammonia, using **700 MW** Electrolyzer that is fueled by Renewable Power



Framework Agreement to develop **1,000,000 tones/annum** of Green Ammonia, using **1,800 MW** Electrolyzer that is fueled by Renewable Power



Framework Agreement to develop **1,800,000 tones/annum** of Green Ammonia, using **4,800 MW** Electrolyzer that is fueled by Renewable Power



Framework Agreement to develop **1,549,000 tones/annum** of Green Ammonia, using **2,980 MW** Electrolyzer that is fueled by Renewable Power



Framework Agreement to develop **1,100,000 tones/annum** of Green Ammonia, using **2,200 MW** Electrolyzer that is fueled by Renewable Power



Framework Agreement to develop **500,000 tones/annum** of Green Ammonia, using **1,060 MW** Electrolyzer that is fueled by Renewable Power



Framework Agreement to develop **2,100,000 tones/annum** of Green Ammonia, using **3,660 MW** Electrolyzer that is fueled by Renewable Power



16 November 2022

Wind Energy

The Sovereign Fund of Egypt (TSFE) has signed an MoU with Saudi Arabia's utility developer ACWA Power to explore a joint investment in a \$1.5 billion wind energy project with a capacity of 1.1 gigawatt (GW) in the Egyptian Gulf of Suez



"This is another significant manifestation to our strategy to continue to invest into renewable power generation to decarbonize Egypt's energy sector and capitalize on green energy sources in the country. It shows our commitment to transition from pledges to implementation in collaboration with private-sector pioneers. We have strong confidence in our partners' ability to deliver such large-scale projects, building on their expertise in the renewable energy field and their presence in the Egyptian market."

Karim Badr, CEO of TSFE's Infrastructure & Utilities Subfund





17 November 2022

EgyCop

The Sovereign fund of Egypt endorsed the launch of EgyCoP, the first Egyptian entity to invest in sustainable projects with the aim of issuing carbon credit certificates



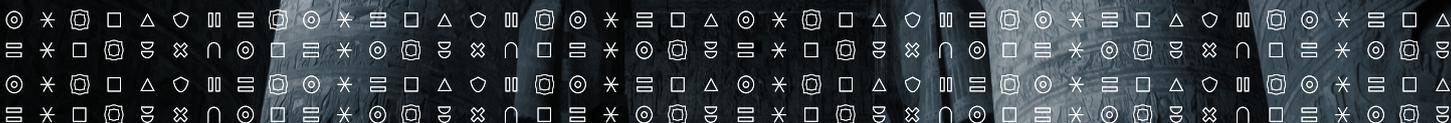


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SIDE EVENTS BY TSFE

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9 November 2022 | Finance Day

Channeling Investments to Green Projects: Voice of Africa



 Channelling Investments to Green Projects:
VOICE OF AFRICA
 Theme: Thematic room | Blue zone
09 | NOVEMBER
 FROM 10:00 TO 19:00
 MODERATOR: GUEST SPEAKER: SPEAKER

H.E. DR. HALA EL DAID
 Director of Planning and Economic Development
 THE SOVEREIGN FUND OF EGYPT

MR. ABDALO EL EBIARY
 Head of Investment Office
 THE SOVEREIGN FUND OF EGYPT

MR. Osama SISHAK
 Chairman
 THE SOVEREIGN FUND OF EGYPT

MR. Akim DACUGA
 Director of Investment Office
 THE SOVEREIGN FUND OF EGYPT

MR. Kaka OMUDINI
 Director of Investment Office
 THE SOVEREIGN FUND OF EGYPT

MR. Sulaiman OUMYOR
 Director of Investment Office
 THE SOVEREIGN FUND OF EGYPT

MR. Sameh SHEROUKA
 Director of Investment Office
 THE SOVEREIGN FUND OF EGYPT

MR. Ayman SOLMAN
 Director of Investment Office
 THE SOVEREIGN FUND OF EGYPT

MR. Francisco ZIMMERMANN
 Director of Investment Office
 THE SOVEREIGN FUND OF EGYPT

14 November 2022 | Water Day

Investing in Seawater Desalination Projects in the Middle East

Investing in Seawater
DESALINATION PROJECTS IN THE MIDDLE EAST
 Egyptian Pavilion
14 | NOVEMBER
 FROM 10:00 - 17:00

H.E. Dr. Hala H. ElSaid
 Minister of Planning and Economic Development, Egypt

H.E. Eng. Mohammad Najjar
 Minister of Water and Irrigation, Hashemite Kingdom of Jordan

H.E. Dr. Hani Swellem
 Minister of Water Resources and Irrigation, Egypt

Dr. Sayed Ismail
 Deputy Minister of Housing, Utilities and Urban Communities

Karim Badr
 CEO - Infrastructure and Utilities Sub-Fund, The Sovereign Fund of Egypt

Linda Munyengerwa
 IFC Regional Industry Director of Infrastructure MEA

Dr. Heike Harngart
 Managing Director for the Southern and Eastern Mediterranean (SEMEDI) region at EBRD

وزارة التخطيط والتنمية الاقتصادية
 Ministry of Planning and Economic Development

THE SOVEREIGN FUND OF EGYPT
 الصندوق السيادي المصري


 European Bank for Reconstruction and Development


 International Finance Corporation
 IFC


 EBRD

17 November 2022 | Solutions Day
**Green Data Centers: Towards
 A Carbon Neutral IT Sector**

THE SOVEREIGN FUND OF EGYPT **Microsoft**

Green Data Centers:
**TOWARDS
 A CARBON
 NEUTRAL IT SECTOR**

VENUE:
 Egyptian Pavilion
 | Blue zone
17 | NOVEMBER 2022
 FROM 11:00 - 11:45

H.E. DR. HAIA EL SAID
 Director General
 Ministry of Planning

MR. Karim BADI
 Director
 Ministry of Planning

MR. Mohamed ABDALLAH
 Director
 Ministry of Planning

MR. Mohamed AL FOWEY
 Director
 Ministry of Planning

DR. Mohamed EL-KHAYAT
 Director
 Ministry of Planning

MR. Hazem NADHI
 Director
 Ministry of Planning

17 November 2022 | Solutions Day
**Resilient and Resource Efficient Buildings:
 Public-Private Partnerships that Deliver**

Resilient and Resource Efficient Green Buildings:
**PUBLIC-PRIVATE
 PARTNERSHIPS
 THAT DELIVER**

TSFE (The Sovereign Fund of Egypt) in partnership with MSDB, IOE, FEI, IFC & Qalaa Holdings.
 17 November 2022 - 2:45pm (90 minutes)
 Business Pavilion of Egypt, Blue Zone

THE SOVEREIGN FUND OF EGYPT **QALAA** **IFC** **IOE** **USCIB**

Moderator

Pathak, Vivek
 Director and Global Head
 for Climate Business
 World Bank Group (IFC)

Speakers

Elhamy, Amr
 CEO, TSFE | Tourism,
 Real Estate
 & Antiquities Subfund

El-Khazindar, Hisham
 Co-Founder & Managing
 Director, Calix Holding

Sarver, Scott
 Principal, RATIO
 Landscape Design

Schmidt, Heloisa
 Sustainability
 Manager, Bechtel

Suarez Santos, Roberto
 IOE Secretary-General

Torhy, Dr. El Sayed
 Senior Advisor
 and Head of Labor Affairs Unit,
 Federation of
 the Egyptian Industries



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SIDE EVENTS X TSFE

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TSFE's Participation @ COP27 Side Events

DATE	SIDE EVENT TITLE	ORGANIZER
8 Nov'22	One Planet Sovereign Wealth Funds Group – Climate Change IssuesC	
9 Nov'22	SDG Acceleration through Sovereign Wealth Funds	  
9 Nov'22	Financing the GH Revolution - How to Scale up Private Investment	
9 Nov'22	Creating Co-investment Platforms to Reach Scale	
11 Nov'22	Towards Sustainable, climate-neutral & zero-pollution Maritime Transport & Ports	 
11 Nov'22	Unlocking the potential of regenerative infrastructure	
14 Nov'22	Addressing major challenges & implementing mechanisms to speed up the desalination economy	
14 Nov'22	Critical issues around sustainability in the water sector	
14 Nov'22	How to scale up desalination & water reuse in Africa & developing countries	
16 Nov'22	Creating Co-investment Platforms to Reach Scale	Ministry of Housing, Utilities & Urban Communities
16 Nov'22	Addressing major challenges and implementing mechanisms to speed up the clean hydrogen economy.	
17 Nov'22	Sustainable Infrastructure Financing	

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