



# UAE Graphene Energy Storage Project





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### [The Roadmap to Applications of Graphene & Related ...](#)

Green and blue hydrogen generation technology is being developed under the energy thematic area, in addition to other energy storage and generation technologies.

### [UAE's Dana Gas to transform flare gas into graphene and hydrogen ...](#)

UAE's energy company Dana Gas has agreed to invest in a decarbonisation project in partnership with Levidian, a British climate tech business. The project aligns with the company's ...



### [Graphene Energy Storage For A Sustainable Tomorrow: Innovations ...](#)

Companies such as GTCAP which is a well-known graphene battery maker, are at the forefront of this revolution by offering new graphene energy storage solutions as well as graphene ...

### [Adnoc produces graphene and hydrogen at Habshan plant](#)

The graphene produced at the Habshan complex will be evaluated and utilised by Adnoc's technology team to explore possible applications. The material is touted as having ...

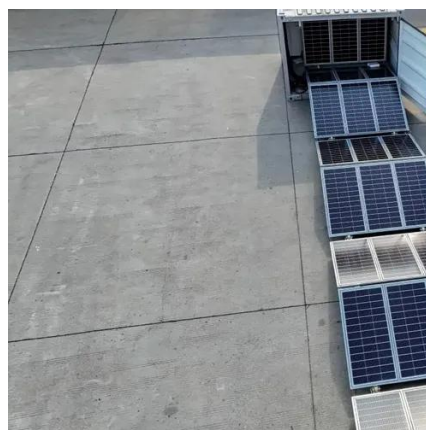


### [Adnoc Gas to turn methane into graphene and hydrogen in ...](#)

"By transforming methane into valuable graphene and clean hydrogen, we are unlocking new value from natural gas, driving decarbonisation and supporting the UAE's industrial growth and ...

### **Recharging Energy Storage Future**

Enercap and Apex Investment's JV is set to transform energy storage in the Middle East with scalable, graphene-based supercapacitor technology.



### [Demand soars for Levidian graphene as Abu Dhabi project completes](#)

By transforming methane into valuable graphene and clean hydrogen, we are unlocking new value from natural gas, driving decarbonisation and supporting the UAE's industrial growth and ...



### [ADNOC Pilots Levidian Tech That](#)



## [Produces Graphene, Hydrogen ...](#)

ADNOC Gas PLC has installed Levidian Nanosystems Ltd.'s patented technology that generates hydrogen and graphene from methane at the Habshan gas processing plant complex in ...

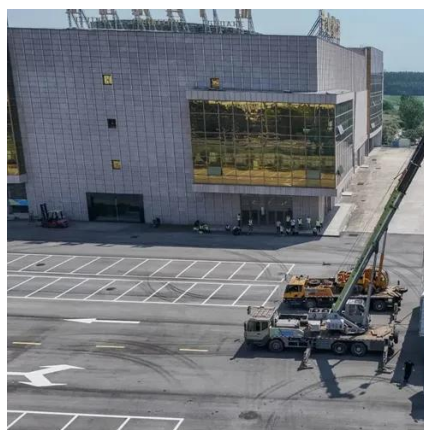


## [ADNOC Gas in world-first deployment of carbon-to-graphene tech](#)

ABU DHABI, January 16, 2025 - ADNOC and energy technology company Baker Hughes have completed the first-ever deployment of LOOP decarbonisation technology at an operational gas ...

## [ADNOC Gas Explores Groundbreaking Technology That Turns ...](#)

By transforming methane into valuable graphene and clean hydrogen, we are unlocking new value from natural gas, driving decarbonization and supporting the UAE's industrial growth and ...





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