



Dana Gas commences the first industrial production of graphene in Sharjah

- Dana Gas' first LOOP 20 unit commissioned and now producing high-quality graphene just four months after the Sharjah Graphene Park MoU was signed;
- Additional LOOP 60 and LOOP 100 units already under construction in the UK, expected to increase production in Sharjah to more than 10 tonnes per year before year-end;
- Dana Gas has established the Sharjah Graphene Park and plans to make it the largest graphene production facility in the GCC and one of the first facilities globally to produce graphene at scale directly from methane.
- Dana Gas is actively exploring the possibility of introducing solar and other green energy initiatives at Sharjah Graphene Park.

Sharjah, UAE - 07 October 2026: Dana Gas PJSC ("Dana Gas"), the Middle East's largest regional private sector natural gas company, and Levidian, a British advanced materials company, announce the successful commissioning of the first LOOP 20 unit at the Sharjah Graphene Park, marking the start of graphene production in the Emirate.

The unit is now fully operational, with annual production capacity of more than one tonne of high-quality graphene. With production now underway, the partners are engaging with several prospective customers across the UAE and wider GCC regarding long-term graphene offtake agreements. Several large-scale prospective local customers are currently undertaking product trials using Levidian graphene.

The commissioning comes just four months after Dana Gas and Levidian signed a Memorandum of Understanding at Make it in the Emirates in May to develop the Sharjah Graphene Park, a UAE-based advanced materials manufacturing and commercialisation initiative. Moving from agreement to production in just four months demonstrates the pace of execution and local support for advanced manufacturing in Sharjah.

This initial LOOP 20 phase of the project represents a modest investment of less than \$1 million, intended to establish commercial production in Sharjah and support the development of regional demand. Dana Gas and Levidian are progressing the next phase of the project, with additional LOOP 60 and LOOP 100 units currently under construction in the UK. Once commissioned, these units are expected to increase the partners' graphene production capacity to more than 10 tonnes per year before the end of 2026 and taking total capital investment to approximately \$2.5 million.

Richard Hall, CEO of Dana Gas, said: *"The successful commissioning of our first graphene production unit at the Sharjah Graphene Park, just four months after signing our MoU with Levidian, further demonstrates Dana Gas' track record of delivering projects on time. It also reflects our commitment to creating additional value from natural gas while supporting industrial innovation in the UAE. With production underway, further capacity under construction and encouraging engagement from prospective customers, we now have a platform to scale the opportunity in line with commercial demand. We believe this disciplined approach has the potential to create long-term value for Dana Gas and its shareholders."*



Alex Holden, CEO of Levidian, said: *“The commissioning of LOOP 20 marks an important step in establishing graphene production in the UAE. Moving from our initial agreement to production in just three months demonstrates what can be achieved with a strong industrial partner such as Dana Gas. With further LOOP capacity already under construction, our focus now is on supporting the development of graphene applications and long-term customer relationships across the UAE and wider GCC.”*

The project also offers potential for further expansion, with total investment potentially reaching approximately \$50 million as production scales. Any further capital deployment would be undertaken on a disciplined basis, supported by long-term customer offtake commitments and appropriate investment return thresholds.

Levidian’s patented LOOP technology uses microwave plasma to crack methane, producing hydrogen and solid carbon in the form of high-quality graphene. This creates higher-value materials from existing natural gas streams, opening new commercial opportunities for gas that might otherwise be underutilised while supporting emissions-reduction efforts.

Graphene is a high-value, versatile form of carbon, valued for its strength, light weight and conductivity, with applications ranging from batteries and tyres to concrete, coatings and polymer products.

Together, the partners aim to establish a reliable regional supply of high-quality graphene and support its integration into key sectors including construction, polymers, coatings and energy.

“With several large-scale prospective customers already trialling our graphene in the region, we are seeing encouraging momentum as we move from production into wider commercial adoption. Sharjah Graphene Park gives us the platform to supply those customers locally and, alongside Dana Gas, to scale production as demand grows.”

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About Dana Gas

Dana Gas is the Middle East’s first and largest private sector natural gas company, established in December 2005 and listed on the Abu Dhabi Securities Exchange (ADX). The Company has exploration, production and midstream gas assets in Egypt, the Kurdistan Region of Iraq and the UAE, with 2P reserves exceeding one billion barrels of oil equivalent and average production of approximately 55,000 boepd. Dana Gas plays a key role in the development of the regional natural gas sector and continues to invest in opportunities that support long-term value creation and operational efficiency.

About Levidian

Levidian is a British advanced materials company focused on the production of high-quality graphene. Its patented LOOP technology uses microwave plasma to crack methane into graphene and hydrogen, enabling the creation of high-performance materials from existing gas streams. Levidian’s graphene is being evaluated and deployed across multiple sectors, including construction, polymers, coatings and energy, supporting the development of next-generation industrial products.



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