

Press Release:

With the support of Abu Dhabi University's Graphene Center,

Inovartic and Al Masaood Energy Unveil Groundbreaking Oil Absorption Technology during ADIPEC 2024

UAE, Abu Dhabi, 18 November 2024: With the support of [Abu Dhabi University's \(ADU\) Graphene Center](#) and the Sri Lanka Institute of Nanotechnology (SLINTEC), Inovartic Investment and Al Masaood Energy announced the commercialization of their pioneering oil absorption technology during ADIPEC 2024. This expanded graphite-based solution offers sustainable oil spill management, marking a significant advancement in environmental technology.

The innovative expanded graphite-based technology is set to revolutionize the oil absorption process due to its exceptional properties including high porosity, expansive surface area, and superior oil absorption capacity. This eco-friendly solution enables rapid and efficient management of oil spills, minimizing environmental damage and accelerating recovery operations.

The commercialization of the oil absorption technology is further reinforced by the recent launch of ADU's first Graphene Center, a dedicated facility to enhancing research and innovation in graphene technology. The cutting-edge facility will serve as an innovation hub, providing essential resources and collaborative opportunities to accelerate the commercialization of new technologies in line with the UAE's In-Country Value (ICV) initiative.

[Professor Montasir Qasymeh, ADU's Associate Provost for Research, Innovation, and Academic Development](#), said: "Abu Dhabi University (ADU) is delighted to continue working hand-in-hand with our strategic partners, Inovartic Investment, Al Masaood Energy and the Sri Lanka Institute of Nanotechnology (SLINTEC) in commercializing this innovative oil absorption technology. By leveraging ADU's research and innovation capabilities, we aim to deliver effective and eco-friendly solutions for oil spill management, significantly advancing the UAE's sustainability efforts in addressing crucial global challenges. Together, we are laying a strong foundation for a more prosperous sustainable future."

Saif Aldarmaki, Chairman of Inovartic Investment, said: “We are thrilled to bring this vital technology to market with the help of our esteemed partners. The commercialization of expanded graphite for oil absorption represents a leap forward in sustainable environmental management. This partnership, supported by the Sri Lanka Institute of Nanotechnology (SLINTEC) and Abu Dhabi University (ADU) Graphene Center will help to underscore our collective dedication to environmental preservation and technological progress.”

Anwar Hussein, Managing Partner and Co-Founder of Inovartic Investment said: “At Inovartic, we are proud to be at the forefront of developing innovative, sustainable solutions that address real-world challenges. The commercialization of our oil absorption technology using expanded graphite is a testament to our commitment to both cutting-edge research and practical, impactful applications. By partnering with Al Masaood Energy, we are not only advancing technology but also contributing to the UAE’s vision of sustainability and environmental protection on a global scale.”

H.E. Masaood Al Masaood, Vice Chairman of Al Masaood Energy, Treasurer at the Abu Dhabi Chamber of Commerce and Industry and Chairman of The Emirates Angel Investors Association said: “At Al Masaood Energy, we are committed to driving innovation and sustainability in every facet of our operations. This collaboration with Inovartic to harness the potential of expanded graphite for oil absorption exemplifies our dedication to developing practical and impactful solutions that address key environmental challenges. With the backing and the support of Abu Dhabi University’s (ADU) Graphene Center, we are confident in the transformative potential of this initiative, which aligns with our vision of a more responsible and sustainable energy industry.”

With the backing of SLINTEC’s advanced research capabilities and Abu Dhabi’s strategic position as a global leader in sustainable innovation, the partnership between Inovartic and Al Masaood Energy is poised to have a lasting impact on the oil and energy sectors. This IP commercialization aligns with the UAE’s national goals to invest in green technologies and promote environmentally responsible solutions.

-ENDS-