

PRESS RELEASE

IMMEDIATE RELEASE

Citaglobal enters into wide ranging renewable energy MoU with PETRONAS

Plans to install its Battery Energy Storage System in PETRONAS sites



Citaglobal Berhad Executive Chairman & President Tan Sri (Dr.) Mohamad Norza Zakaria (third from left) exchanging documents with PETRONAS Global Technical Solutions Sdn Bhd Chief Executive Officer Puan Annaliz Abu Bakar (second from left) after the signing of MoU today. Standing on the sidelines were PETRONAS Project Delivery & Technology Senior General Manager (Solution Domain) Encik M Faudzi M Yasir (first from left) and Citaglobal Energy Sdn Bhd Chief Executive Officer Dr. Sivakumar Suppremaniam.

KUALA LUMPUR, 28 June 2023 – Citaglobal Bhd entered into a Memorandum of Understanding on Tuesday with **Petronas Global Technical Solutions Sdn Bhd (PGTSSB)**, a wholly owned subsidiary of PETRONAS, for the strategic collaboration in a wide range of renewable energy technologies and applications.

The agreement was signed during Energy Asia conference, by Citaglobal's Executive Chairman & President, Tan Sri (Dr.) Mohamad Norza Zakaria, and PETRONAS Global Technical Solutions Sdn Bhd Chief Executive Officer, Puan Annaliz Abu Bakar.

The signing ceremony was witnessed by top PETRONAS executives including PETRONAS Senior Vice President of Project Delivery & Technology, Datuk Bacho Piong, and PETRONAS Vice President of Group Project Delivery, Project Delivery & Technology, Encik Noor Ilias Mohd Idris.

The signing ceremony was also attended by Executive Director of Citaglobal Genetec BESS Sdn Bhd, Mr. Chin Kem Weng.

PGTSSB's activities include the provision of technology products, technical services, project management and engineering solution services. PETRONAS is Malaysia's state-owned energy group with a presence in over 100 countries.

The areas of collaboration between Citaglobal and PETRONAS will include renewable energy technologies and applications comprising Battery Energy Storage System (**BESS**), biogas engine, biomass engineering, Waste to Energy (**WTE**), Heat to Energy (**HTE**) and Carbon Capture & Utilization (**CCU**) among others.

Via the MoU, both parties intend to collaborate on the following chosen areas:

- a) The development and implementation of BESS applications and projects, by which the technology and solutions shall be provided by Citaglobal Genetec BESS Sdn Bhd (CG BESS). CG BESS is a 50:50 joint venture company between Citaglobal and Genetec Technology Bhd, and has developed the first Malaysian Battery Energy Storage System, MYBESS, which was launched by the Minister of International Trade and Industry, Yang Berhormat Mulia Tengku Datuk Seri Utama Zafrul Tengku Abdul Aziz on April 11 this year.

This shall cover the installation of BESS to accelerate the technology advancement and green electron generation with deployment of 246 kWh of MYBESS for PETRONAS' Center of Excellence for Renewable Energy (CEFORE). There will also be a joint feasibility study for scaling up BESS technology solutions in all PETRONAS existing and future facilities.

- b) On the area of biogas, the collaboration will involve a joint feasibility study using gas engine for flare gas recovery and other gaseous such as hydrogen.
- c) On the area of WTE and HTE, there will be a joint feasibility study for the application of WTE & HTE in PETRONAS plants.
- d) Lastly, there will be a joint feasibility study on carbon capture & utilization initiatives in PETRONAS plants.

For this MoU, Citaglobal will work with Petronas to introduce technology advancements in material based formulations such as Graphene, as well as in the area of Energy Management Systems (EMS).

In the event that the parties mutually agree to implement any of the collaborative activities, this shall be undertaken and further encapsulated under a separate definitive agreement.

This MoU is dated June 27, 2023 and shall subsist for the period of two years thereafter.

“We are honoured to be partnering with PETRONAS for this MoU. We believe that a good collaboration brings a lot of mutual benefits. To make renewable energy consistent and sustainable in Malaysia, collaborating with PETRONAS is a strong start towards making this a reality and achieving our lower carbon goals in the future. We will give our all for this collaboration, in the drive towards a carbon-neutral world of net zero emissions by 2050,” said **Citaglobal Executive Chairman & President and major shareholder Tan Sri (Dr.) Mohamad Norza Zakaria**.

“From Citaglobal’s side, we believe that we are in a good position to lead in the BESS space, as we already have the experience and technical know-how. Renewable energy and BESS go hand in hand. We feel that BESS needs to be an obvious part of the green energy mix in order for renewables to be a reality. Together with PETRONAS, we are more confident of transitioning towards a greener Malaysia, where the pace of adoption for renewables and BESS become more efficient,” concluded Norza.

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About Citaglobal Berhad

Listed on Jan 2, 2008, Citaglobal Berhad is a diversified group with multiple revenue streams. It is currently involved in civil engineering & construction (CEC), telecommunications, oil & gas (OG), power generation, property development, manufacturing and renewable energy. Citaglobal is now moving forward into becoming a leading player in technology-driven industries to empower the future.

The CEC segment is primarily involved in infrastructure construction contracts. The OG segment is principally engaged in onshore oil and gas downstream activities, while the manufacturing segment consists of the manufacturing of cold-drawn bright steel products.

In the telecommunications segment, it is a licensed Network Facilities Provider with experience in installation and erection of towers, installation of fibre networks and providing 5G enterprise solutions.

The power generation division caters to the niche markets of the O&G industry, sets up and supplies mobile and stationary power generation solutions to utility companies, and supplies SEDA-approved locally assembled Biogas Generators in the Green Energy segment.

For its development business, the company is involved in construction, property development and property investment.

About Citaglobal Genetec BESS Sdn Bhd

Citaglobal Genetec BESS Sdn Bhd is a 50:50 joint venture between Citaglobal Bhd and Genetec Technology Bhd (Genetec).

In April this year, it unveiled the country's first locally developed and produced battery energy storage system by showcasing its fully operational one-megawatt BESS prototype (MYBESS), which it piloted in end-2022. This system now supports the energy needs of Genetec's EPIC plant.

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PHOTOS



From left: PETRONAS Project Delivery & Technology Senior General Manager (Solution Domain) Encik M Faudzi M Yasir PETRONAS Global Technical Solutions Sdn Bhd Chief Executive Officer Puan Annaliz Abu Bakar Citaglobal Berhad Executive Chairman & President Tan Sri (Dr.) Mohamad Norza Zakaria and Citaglobal Energy Sdn Bhd Chief Executive Officer Dr. Sivakumar Suppremaniam at the signing ceremony of the MoU.



From left:

1. PETRONAS Project Delivery & Technology Group Project Delivery Vice President Encik Noor Ilias Mohd Idris
2. PETRONAS Global Technical Solutions Senior General Manager (Solution Domain) Encik M Faudzi M Yasir
3. PETRONAS Project Delivery & Technology Senior Vice President Datuk Bacho Piong
4. PETRONAS Global Technical Solutions Sdn Bhd Chief Executive Officer Puan Annaliz Abu Bakar

From right:

1. Citaglobal Energy Sdn Bhd Chief Executive Officer Dr. Sivakumar Suppremaniam
2. Citaglobal Berhad Independent Non-Executive Director Encik Rosli Shafiei
3. Citaglobal Berhad Independent Non-Executive Director Encik Aimi Aizal Nasharuddin
4. Citaglobal Berhad Independent Non-Executive Director Dato' Mohan C. Sinnathamby
5. Citaglobal Genetec BESS Sdn Bhd Executive Director Mr. Chin Kem Weng
6. Citaglobal Berhad Executive Chairman & President Tan Sri (Dr.) Mohamad Norza Zakaria