



Enapter

PRESS RELEASE

Enapter AG launches SE Asia's first H2 learning centre with partners in Thailand

- ≡ Ambitious project to turn Northern Thailand into a knowledge hub for green H2 begins
- ≡ Energy professionals trained to integrate hydrogen – steps towards building an H2 society
- ≡ Partners include: German Agency for International Cooperation (GIZ) GmbH, Enapter AG and Chiang Mai University

Berlin, 14 February 2023. Enapter AG (ISIN: DE000A255G02) and its partners today launched a project to create Southeast Asia's first green hydrogen learning centre, in Chiang Mai, Thailand. Initiated with a contract signing ceremony and visit to the Phi Suea House hydrogen showcase, the project will be a partnership between Enapter, the German state-owned organisation GIZ, and Chiang Mai University's Energy Research and Development Institute of Nakornping (ERDI).

The green hydrogen knowledge hub in Chiang Mai will consist of a training centre developing and offering hands-on courses using state-of-the-art technology, and a unique green hydrogen demonstration site. By training project developers, integrators and other energy professionals, the centre will enable the growth of hydrogen infrastructure in the region, promote regional cooperation and help position Chiang Mai and Thailand as pioneers in modular hydrogen system technology.

Green hydrogen, produced from renewable energy sources, has emerged as one of the most promising alternatives to fossil fuels. Thailand has set ambitious decarbonisation goals and sees hydrogen as a key element in achieving these targets, with this cooperation between the Thai and German public and private sectors set to play a role in supporting Thailand's national goals.

The project is being implemented via the International Hydrogen Ramp-up Program (H2Uppp), an initiative carried out by the GIZ on behalf of the German Federal Ministry for Economic Affairs and Climate Action (BMWK). It builds on the progress made thanks to the Phi Suea House in Chiang Mai, a multi-house residence that in 2015 became the world's first self-sustaining development powered by a clean energy system based on hydrogen energy storage. The European Commission in 2021 named it as one of 32 "Hydrogen Valley" large-scale hydrogen flagship projects around the world.

Phi Suea House was developed by Enapter CEO Sebastian-Justus Schmidt to showcase combined solar and green hydrogen tech feasibility – and has evolved into a hub of hydrogen activity and a technology prototyping sandbox. It will be part of the partnership to set up the knowledge centre.

Sebastian-Justus Schmidt - "Every new technology first goes through a learning phase. The doubts that arise at the beginning can be reliably dispelled with education and knowledge transfer. This project will act like a green hydrogen lighthouse for the region and make Thailand, and especially Chiang Mai, known as a knowledge centre in hydrogen, even beyond the country's borders."

Simon Rolland, Energy portfolio Programme Director, GIZ - "Today marks a defining moment in our pursuit of a greener and more sustainable future. The establishment of the green hydrogen knowledge hub in Chiang Mai is a clear demonstration of our unwavering commitment to clean energy and sustainable development. This project will not only provide a training ground for future

project developers, but also serve as a model that showcases the viability of green hydrogen systems. With the combined efforts of CMU, Enapter, and GIZ, we are bringing together a wealth of knowledge and expertise that will make Chiang Mai a hub for innovation throughout Southeast Asia.”

Prof. Pongruk Sribanditmongkol, M.D., Ph.D., President, CMU - “This is crucial in addressing the issue of climate change and reducing greenhouse gas emissions. We are proud to be a part of this important initiative and look forward to working together to make a positive impact on the environment.”

About Enapter

Enapter is an innovative energy technology company that manufactures highly efficient hydrogen generators – known as electrolyzers – to replace fossil fuels and thus drive the global energy transition. Their patented and proven Anion Exchange Membrane (AEM) technology enables the mass production of cost-effective plug-&-play electrolyzers for green hydrogen production at any scale and any place. Their modular systems are already used worldwide in the energy, mobility, industrial, heating and telecommunications sectors. Enapter has its main offices in Germany and production site in Italy. Enapter AG is listed on the regulated market of the Frankfurt and Hamburg stock exchanges, WKN: A255G0.

About GIZ

As a globally active service provider in international cooperation for sustainable development and international education, GIZ works with its partners to develop effective solutions that offer people better prospects and sustainably improve their living conditions. GIZ is a non-profit federal enterprise and supports the German Government and a wide range of public and private clients in the areas of economic development and employment, energy and the environment, and peace and security.

About ERDI, Chiang Mai University

The Energy Research and Development Institute of Nakornping, Chiang Mai University (ERDI-CMU) was established in 2007. The institute is aimed to be a center of excellence in terms of research and development of biogas and all types of energy. The main objectives of the institute include energy research, knowledge development, application of knowledge with energy and environmental crises, and biogas development and usage to attain the highest advantages.

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