

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is a service enterprise for development cooperation with international operations and global experience. Owned by the Federal Republic of Germany, the organization operates as a private-sector enterprise with a development policy mandate to make sustainable improvements to the living conditions of people in the countries we operate in. GIZ has a record of more than 60 years working experience in Thailand.

Thailand has set itself ambitious climate goals to achieve carbon neutrality by 2050 and to accelerate the country's energy transition. Apart of long-term sector planning and target setting, decision-makers have acknowledged the need to enable a fast development of innovative energy solutions such as Hydrogen (H<sub>2</sub>) and want to position the country in the forefront of the energy transition in Southeast Asia. Thai public institutions and business stakeholders have created structures to facilitate public-private dialogue (e.g., Hydrogen Club, Thai Storage Association etc.), conducted initial studies and carried out pilot projects to explore green H<sub>2</sub> use cases in a variety of sectors; however, a lot remains to be done to provide a sound knowledge and understanding of Thailand's market opportunities and to steer its development. This awareness will be essential to equip both Thai and German stakeholders with skills regarding green hydrogen production, storage and use to set up a public framework conducive to both innovation and investments that will support H<sub>2</sub> or Power-to-X market development.

The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH was commissioned by the Federal Ministry for Economic Affairs and Climate Action (BMWK) with the implementation of the H<sub>2</sub>-Uppp project. The objective of the project is to seize the opportunities of green H<sub>2</sub> and Power-to-X by aiming at identifying economic production opportunities, exploring pathways, and supporting the realization of Thai-German project ideas and business models. The project will also foster innovation, knowledge transfer and eventually support the scaling of production and use of green H<sub>2</sub> and Power-to-X while strengthening the position of German technology providers as leading innovators in Thailand.

H<sub>2</sub>-Uppp will be closely integrated within the GIZ energy and transport project portfolio and work hand in hand with the German Thai Chamber of Commerce (GTCC). It will work on two levels and utilize both organizations' strengths. GIZ will support the policy and market development for green H<sub>2</sub> and Power-to-X through studies and trainings as well as through the identification and initiation of public private pilot approaches and projects as well as the promotion and dissemination of knowledge and identification and connection of local and international H<sub>2</sub> specialists vis-à-vis the German private sector. This will include the realization of market analysis, organization of business roundtables and conferences.

Although the project will first and foremost focus on market development and piloting in Thailand, the approaches and concepts developed and tested will contribute to creating blueprints for H<sub>2</sub> market development in Southeast Asia.

### **Technical Advisor (2)**

To support the implementation of this project, GIZ is recruiting two technical advisors: one will be embedded within the transport team and another in the energy team.

The **Technical Advisors** will focus mainly on the implementation of the Thailand component of the H2-Uppp project to support the scoping and development of the H2 and Power-to-X market in Thailand in the context of private sector stakeholder cooperation enhancement.

To achieve the project objectives, the **Technical Advisor is responsible for the following tasks:**

- Support the development of the implementation strategy, action and work planning and monitoring of project activities in line with project objectives and deliverables, and jointly with partners and the management.
- Autonomously implement activities of the project in close cooperation with management and the rest of the team;
- Autonomously develop and maintain network of relevant partners in Thailand; particularly cooperate and coordinate with relevant governmental bodies, ministries and agencies, private stakeholder representatives and alliances, other relevant GIZ programmes, other development agencies, but also with other public, non-governmental, development and private organizations in Thailand, Germany and on the international level;
- Autonomously liaise, cooperate and realize synergies with other projects;
- Autonomously draft ToR, develop contracts and supervise contract implementation, including quality control.

**Under the supervision of management and in close cooperation with their colleagues, the Technical Advisor performs the following tasks**

- Jointly prepare the project work plan with the project team and project partners;
- Design together with project partners the project activities under the project work plan;
- Manage local and international consultants to ensure the quality of their outputs according to contract conditions;
- Ensure technical translation of external finding / content into project activities, policy recommendation or communication messages according to specific audiences;
- Actively steer and implement project activities;
- Participate actively in the development of action plans, result-based monitoring system and other management tools for the efficient and effective implementation of the project;
- Support the contract/ procurement process for all relevant project activities
- Organize the day-to-day operational management of the project within the country, control project implementation and timely provision of deliverables, ensuring quality control;
- Closely coordinate and regularly communicate with the management about activities under responsibilities to ensure sound team communication;
- Actively contribute to GIZ TH internal coordination/ knowledge management structures, such as clusters, relevant working groups, country planning;
- Support the management in the strategic development of the project, including network development, acquisition of funds, private sector development.

## **Required qualifications, competences, and experience**

### **Education and technical understanding:**

- Master's degree in a field related to the project/ program's thematic scope and objectives namely: energy, transport, renewable energy, energy efficiency, and sustainable transportation, engineering, economics, science, or environment (other degree with relevant practical experience are eligible for application);
- Proven good understanding of energy, transport and climate change topics in Thailand and/or southeast Asia would be a strong asset;
- A strong understanding of one or several of the following issues would be an advantage: energy and/or transport financing mechanisms, incentive schemes and policy and regulation; cost and life cycle analysis; innovative business models in the area of H2/ Power-to-X, energy and transport; transport sector electrification and sustainable mobility solutions, energy transition.

### **Professional experience:**

- At least 3 years of professional experience in energy, transport or related field is required.
- Experience in project management planning and coordination in an area related to the project's requirements would be a strong asset.
- Experience in building and maintaining contact networks with private and public sector stakeholders and ability to manage cooperation projects in public-private partnerships would be a strong asset.
- Experience in the field of H2 production or use for grid integration, storage, transportation, transport electrification (e. g. in the field of aviation or maritime/ waterborne transport) would be strong asset;
- Working experience with a Thai energy or transport public institution / agency (e.g., ministries, regulatory commission, utilities) and / or with international organisation such as UN, ASEAN, or GIZ would be another asset.

### **Other skills:**

- Excellent command of ICT and computer applications (MS Office etc.) is required.
- Strong understanding of digital technologies and their contribution to the future energy system would be an asset
- Strong social and communication skills as well as a high degree of independence in dealing with a variety of tasks
- Fluent command of Thai. Excellent practice of English both spoken and written is absolutely required. Excellent drafting and communication skills will be tested.

The ideal candidate would have a keen interest, enthusiasm and even a passion for environmental, energy and transport issues as well as an eagerness to contribute to a better more sustainable future for Thailand.

He/ She must have the ability to engage and interact with various stakeholders and able to work under pressure.

He/ She will be a team player and capable to work autonomously, open minded and enjoy working in dynamic multicultural environment.

This will be a fixed-term contract starting as soon as possible and running at **least until December 2023**. The contract will be extendable upon good performance. GIZ offers an ambitious, challenging, and exciting international work environment.

Please carefully read the job description before applying and include a **MOTIVATION/ COVER LETTER** with your CV **explaining why you are a good fit for the job, what you will bring to GIZ and the project and why you are motivated to work with GIZ on this Programme**. Only applications with letters will be considered.

Please submit your application and CV to [norrapat.taratonrattanakul@giz.de](mailto:norrapat.taratonrattanakul@giz.de) The deadline for applications is April 22, 2022. Only shortlisted candidates will be contacted.

GIZ Thailand is an equal opportunity employer and actively encourages gender diversity within the company and operations.

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<https://www.youtube.com/channel/UCeyVDmQIGbPvII5Ccob91JQ>

<https://www.youtube.com/user/GIZonlineTV>