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## **Solatio Energy and RCP Technologies establish Joint Venture to develop, build and operate large-scale Solar Energy and Green Hydrogen production facilities in Brazil – SolatioGlobal.**

- With a 50/50 stake, the Joint Venture is engaged in the development of one of the world's largest and most sustainable integrated solar power, green hydrogen and ammonia complexes, located in the state of Piauí in northeast Brazil.
- Planned generation of 18-TWh of solar energy annually and 11-GW of green hydrogen capacity by completion of the final phase in 2035.
- The project is supported by the European Union's Global Gateway program to boost clean energy links across the world, and part of the EU's previously announced €2.0 billion investment in the hydrogen value chain in Brazil.

**January 15, 2024** – (Brasília / Amsterdam): Solatio GD Holding Gestao de Projetos de Geracao Distribuida LTDA (“Solatio Energy”) and RCP Resource Project Management Services LDA (“RCP Technologies”) have established a joint company, Solatio Global Holding BV, with plans to develop a major integrated solar-green hydrogen-ammonia value chain aligned with Brazilian and EU net zero ambitions.

With the goal of establishing one of the world's largest and most sustainable integrated hydrogen and ammonia production capabilities, SolatioGlobal will develop a facility with initial annual production capacity of 1.9-GW of green hydrogen – a critical component for the global transition to a net zero world – and increasing to 11-GW by 2035.

Solatio Energy previously announced on 14 November 2023 that it had secured the necessary environmental pre-licenses and permits for constructing and operating a 10,976 MW electrolyser power facility in Brazil. The hydrogen facility will be built on a 250-ha site in the Parnaíba Export Zone (ZPE), connected to the new deep-water port in the north-eastern state of Piauí. Construction is set to commence in 2025.

The European Union will support the project with hydrogen and ammonia offtake arrangements, as well as capital investment. European Commission President Ursula von der Leyen announced the EU's support for the Piauí project on 20 November 2023 at European Hydrogen Week, as part of an investment from the EU in developing hydrogen production in Brazil for export to Europe. Meeting in Brasília earlier this year, Brazil's President Luiz Inácio Lula da Silva and EC President van der Leyen jointly announced the EU's plans to invest €2.0 billion to support Brazil's production of green hydrogen, under the EU's Global Gateway flagship initiative to promote energy efficiency.

Solatio Global also owns a portfolio of more than 9-GW of ready-to-build solar power projects which when completed will provide most of green power required for the hydrogen plant. Brazil has one the world's fastest-growing solar energy markets, with streamlined regulation, a modern and accessible power grid and leading technological infrastructure.

The Joint Venture is currently conducting technical and economic studies and envisages a start of operations by 2026. When the final phase is completed by 2035, the project will have created more than 15,000 direct and indirect jobs in Brazil and Europe.

Discussions are already underway with leading engineering, offtake and investing partners. RCP's participation within the JV is a part of its strategy to conceive and develop projects and businesses aligned with energy transition, taking advantage of its technological and industrial expertise as an integrated energy player.

Pedro Vaquer, Co-Founder and CEO of Solatio, comments: "The development of a global green hydrogen industry provides tremendous economic and societal opportunity for Brazil. Extending the EU's Global Gateway value chain upstream for access to economical green hydrogen from Brazil is of critical importance, and we are pleased to be joining with RCP Technologies in these plans."

Brian McKay, Partner at RCP Technologies and Board Director of Solatio Global Holding said: "This game-changing green hydrogen project will position Brazil as a leader in the sector. The opportunity to help shape the rapid transition to a net zero world is hugely exciting, and our plans for 11-GW of green hydrogen production, together with the build-out of our integrated solar power network, will play a significant part in helping to reach these goals."

#### About Solatio

Solatio is a global developer of photovoltaic energy projects, with 20 years of experience and more than 120 projects in Europe and South America. Operating in Brazil since 2009, Solatio has developed more than 15.8-GW of solar power (6.3-GW in operation and 9.5-GW ready-to-build), being the most competitive on the market in all respective sectors: Regulated Contracting, Free Contracting Environment and Distributed Generation. Solatio has developed more than 40% of all utility-scale solar projects operating in Brazil, having attracted more than €6.0 billion of investment capital.

#### About RCP

RCP Technologies manages a global technology and investment platform, commercialising its advanced and proprietary technologies for renewable energy, hydrogen, water, agriculture, healthcare, waste-to-energy and waste management, intended to make a significant contribution to the goals of carbon-transition and combating global climate change.

For more information, please visit: [solatioglobal.com](https://solatioglobal.com)