



Scatec Partners with ACME Group to Develop a Large-scale Green Ammonia Facility in Oman

By **Sangita Shetty** - 7th March 2022



Scatec ASA has today signed an agreement with ACME Group from India to establish a 50/50 joint venture to design, develop, build, own and operate a large-scale green ammonia facility in Oman.



The first phase of the facility is expected to produce 100,000 tonnes of green ammonia annually with about 300 MW of electrolyzer capacity and powered by 500 MW of solar. The facility will be located in the Duqm Special Economic Zone of Oman. Once fully developed the facility is expected to produce up to 1.2 million tonnes of green ammonia annually.

“Oman has excellent solar resources and a strategic location for production of green ammonia. Acme Group has been in the forefront of green ammonia production with this project, and in Scatec we can capitalise on our expertise in renewables, project structuring



There is a growing need to accelerate decarbonisation of hard-to-abate industries through Power-to-X solutions such as production of hydrogen, ammonia and other critical feedstocks powered by renewable energy. Industry analysts forecast global annual demand for green ammonia to reach up to 200 million tonnes by 2050.

ACME Group is a pioneer in cleantech sectors such as solar, green hydrogen and ammonia development. The Company has developed the Oman project over the last 18 months and has already set up the world's first single-location integrated solar power to green ammonia facility at Bikaner Rajasthan.

The partners are in advanced discussions with reputable off-takers for 20–25-year contracts which will lay the foundation for financing of the project. The partners expect to fund the facility through equity and project finance debt.

“We are delighted to partner with Scatec in developing one of the largest and earliest green ammonia projects in the world. This facility will have 1.2 million tonnes per annum capacity of green ammonia production and can potentially be further expanded in the future at the same location. Given the strategic location of the project, technical insights & cost-effective solutions that Acme has developed for the project of this kind, along with internationally proven project development capabilities of Scatec, I believe jointly we will be a formidable player in accelerating adoption of this green fuel globally” says Manoj Upadhyay, Founder & Chairman of Acme Group.

The overall schedule for the project is under development, but the partners share the ambition for this facility to be one of the first commercial large-scale green ammonia facilities in operation globally.

Sangita Shetty

An avid reader, a cleantech enthusiast with strong experience honing the crafts of publishing and media industry. Currently covers the latest global trends in the buzzing clean energy sector - from solar energy to emobility and beyond at FirstView Media.