**Avaada Partners with Casale to Develop India’s Largest 1,500 TPD Green Ammonia Plant in Odisha**

**Delhi, January 30, 2025** – Avaada Group, a leader in India’s renewable energy sector, proudly announces its strategic collaboration with **Casale**, a global pioneer in ammonia technology, to develop a **1,500 tons per day (TPD) state-of-the-art green ammonia plant** in **Gopalpur, Odisha**. This milestone project marks a major advancement in Avaada’s mission to drive decarbonization, innovation, and sustainable industrial growth, further solidifying its role in India’s clean energy revolution.

The Gopalpur plant will be powered entirely by renewable energy, utilizing Casale’s **advanced ammonia production technology** to ensure a carbon-free process. Casale will provide the **Green Ammonia Process License, Basic Engineering Package, Proprietary Equipment, and Detailed Engineering review**, helping to create a benchmark facility that aligns with India’s ambitious **Net Zero** commitments.

**Vineet Mittal**, Chairman of Avaada Group, emphasized the transformative potential of the collaboration:

“At Avaada, we are committed to leading the way in sustainable energy solutions. This green ammonia plant reflects our vision of creating a carbon-free future while driving India’s green energy revolution. Collaborating with Casale enables us to leverage world-class expertise to deliver a facility that is both innovative and transformative. Together, we aim to set new global standards in green ammonia production. This milestone project will not only strengthen India’s energy independence but also showcase the nation’s potential to lead globally in green industrial advancements. It’s a proud moment for Avaada as we take a definitive step towards a greener future.”

**Federico Zardi**, CEO of Casale, highlighted the importance of this partnership:

“Casale is honored to partner with Avaada in delivering India’s largest grassroots green ammonia plant. This marks a significant milestone in our commitment to supporting India’s clean energy transition. With this project, Casale further strengthens its presence in India, where we have now licensed a total green ammonia capacity of **5,700 MTD**. Our cutting-edge technologies will enable Avaada to produce green ammonia efficiently, contributing to India’s decarbonization goals and global leadership in sustainable industrial solutions. We look forward to playing a pivotal role in shaping the future of green chemistry in India and beyond.”

The **Gopalpur green ammonia facility** will significantly reduce carbon emissions by replacing fossil fuel-based ammonia production with renewable energy, while fostering India’s leadership in sustainable industrial practices. This project is a testament to Avaada’s unwavering dedication to combating climate change through scalable, impactful solutions.

As the world moves toward clean energy, Avaada and Casale’s collaboration sets the stage for **India’s role as a global leader in the green hydrogen and ammonia ecosystem**—empowering industries, reducing emissions, and creating a path to a sustainable tomorrow.

**About Avaada Group**

Avaada Group is a global leader in the clean energy transition, with expertise in solar module manufacturing, renewable power generation, and green hydrogen, green ammonia, and sustainable fuel production. Under the leadership of **Mr. Vineet Mittal**, the group is committed to driving India’s energy goals, including a target of 11 GWp renewable capacity by 2026. Avaada’s growth has been bolstered by a $1.3 billion investment in 2023 from **Brookfield’s Energy Transition Fund** and **GPSC** (a subsidiary of PTT Group, Thailand).

**About Casale**

Casale, a global leader in fertilizer and basic chemical production, offers integrated solutions across process design, engineering, and plant construction. With over a century of experience, they license end-to-end solutions across the nitrogen and phosphate fertilizer value chain, including ammonia, urea, methanol, and hydrogen. Casale prioritizes sustainability, offering green and blue technologies for these products to minimize carbon footprints. Their services cover the entire project lifecycle, from feasibility studies and engineering to plant revamps, digital solutions, and after-sales support. Headquartered in Switzerland with a global presence including India, Casale is dedicated to advancing clean energy and a sustainable chemical industry.

**For further information, please contact:**

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