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Bangalore, India

Paradeep Phosphates Ltd (PPL) launched on 14th March its maiden **ESG (Environment, Social, Governance) Report for the year FY 21-22**. The ESG Report encapsulates PPL's business performance across six capitals viz. financial capital, intellectual capital, natural capital, manufacturing capital, human capital and social and relationship capital.

Commenting on the launch, **Mr. S Krishnan, MD and CEO of PPL** said *“Our ESG report provides a deeper understanding of our values, our resilience and our efforts to build a sustainable future through a structured framework.”*

PPL has two manufacturing facilities, its flagship plant at Paradeep, Odisha and a newly acquired plant in Zuarinagar, Goa. The Paradeep plant is nestled amidst 2280 acres with a rich biodiversity of over 30,000 migratory birds, 6.85 lakh trees, numerous wetlands and lakes. PPL has a manufacturing capacity of 2.6 million MT of complex fertilizers and 0.4 million MT of urea. The company sells fertilizers to over 8 million farmers across 16 states in India through 70,000+ retail points. PPL has inculcated many ESG initiatives over the years namely:

- Zero liquid discharge from both plants
- ISO 9001, 14001, 45001 and 50001 certified Paradeep Plant and ISO 14001 and 45001 certified Goa Plant
- Progress towards Zero waste to landfill (97% waste recycled or reused now)
- Continuous reduction in specific energy consumption through energy efficiency
- Captive power through heat recovery in sulphuric acid production leading to huge savings in scope-1 GHG emissions
- 235 MG of rainwater Harvesting including recycling and re-use of water for operations
- Captive Solar Power (255 kWh)
- Continuous Online Monitoring of Air Pollutants
- Comprehensive CSR Policy and Robust Outreach Programmes under Education, Health & Sanitation, Livelihoods, Covid-19
- Circularity in business through innovative products like Zypmite, HFSA
- Incessant employee engagement with a focus on human capital development
- Extensive farmer outreach programmes

Mr. V Vinay, the Chief Sustainability Officer of PPL said *“ESG is a continuous process for us. The ESG report is a first step in the direction of capturing our ESG journey. We have formed a Governance Committee to regularly assess our ESG performance. We continue to review our existing policies and processes for identifying further opportunities to deepen ESG within our strategy, operating model, and culture.”*

In *financial capital*, PPL's focus has always been to maximise the returns on investments to create value for all its stakeholders. In *intellectual capital*, the organization deploys excellent technologies, through R&D, to maintain excellent product quality for the farmers. In *manufacturing capital*, PPL is proud of its state-of-the-art manufacturing infrastructure at Paradeep and Goa. The company continues to make strong investments in cutting edge technology and infrastructure to be able to produce highest quality products that ought to meet stringent regulatory requirements. In *energy capital*, PPL is committed to enhance resource efficiency for a reduced carbon footprint and make focused efforts for decarbonization. The Paradeep Plant uses captive power through 85 % heat



recovery from sulphuric acid production. This helps eliminate 225,191 tCO₂e annually. The Paradeep plant utilizes phosphogypsum, a waste from phosphoric acid production, to make value-added products like zypmite thereby creating circular economy. 97 % of waste, across both the plants, is either re-cycled or re-used. Both sites are 100% Zero-liquid discharge compliant.

Mr. Susnato Lahiri, DGM-Corporate Strategy, Investor Relations & ESG at PPL remarked *“This year we conducted our first materiality assessment through internal and external stakeholders to identify our key focus or material areas. We have also conducted GHG inventorization across scope 1, 2 and 3 parameters and have included in our maiden ESG Report.”*

In *human capital*, 1354 workforce of employees received 25 average hours of training during FY 21-22. PPL places an incessant emphasis on human capital development, diversity and equal opportunity & safety at workplace, employee engagement. In *social and relationship capital*, INR 56.7 million was spent in FY 21-22 towards community development in areas of Education, Health & Sanitation, Livelihoods and COVID. PPL conducts extensive year-long farmer connect programmes through farmer training schools, mobile on-demand soil testing, agriculture development laboratories, special events viz. Jai Kisaan Diwas, World Soil Day, and through digital channels like whatsapp, facebook and youtube.

The ESG Report is aligned with globally recognised frameworks such as the International Integrated Reporting Council’s (IIRC) Integrated Reporting Framework, the Global Reporting Initiative (GRI) Standards, the Sustainability Accounting Standards Board (SASB), and the United Nations Sustainable Development Goals (SDGs).

The ESG report is available for browsing at:

<https://www.paradeepphosphates.com/uploads/content/sustainability-report-2021-22.pdf>

About Paradeep Phosphates Limited

Paradeep Phosphates Limited (PPL) is one of India's largest private sector phosphatic players, producing a wide range of phosphatic grades including DAP, N-10, N-12, N-14, N-19, N-20 and N28. The company’s Goa Plant also produces Urea. PPL is a key supplier of fertilizers to the states of Maharashtra, Karnataka, Odisha, Bengal, UP, MP, AP, Telengana, Chattisgarh and MP. The company is also a major supplier of various industrial products like Gypsum, Zypmite, HFSA (Hydrofluorosilicic Acid), Sulphuric Acid & Ammonia.

PPL currently has a total capacity of 3 million MT, of which 0.4 million MT is Urea and the balance 2.6 million MT is phosphates. The company has 2 large manufacturing facilities - one at Paradeep in Odisha and another at Zuarinagar, Goa.

The company's products are marketed under the brand names of "Jai Kisaan" and "Navratna" with over four decades of brand equity. The company has a customer base of 8+ million farmers spread across 16 states.

PPL is promoted by “Zuari Maroc Phosphates Pvt Ltd”, which is a 50:50 joint venture between Zuari Agrochemicals and the OCP Group of Morocco.

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