

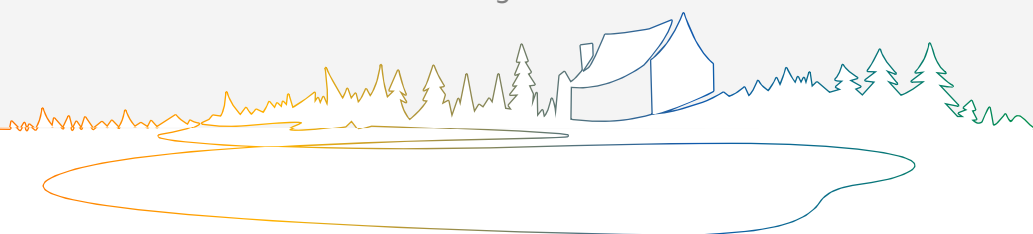


JPL Commitment to Wetland Development and Conservation

JPL implemented a comprehensive biodiversity assessment following IBBI directives in FY 2021-22 for preserving biodiversity and ecological abundance. This assessment led to the creation of a Natural Capital Action Plan (NCAP) for the region. A key initiative within the NCAP was the development of wetlands, critical ecosystems straddling land and water that bolster biologic diversity and human welfare. Inspired by the Indian government's initiatives towards wetland conservation through 'Amrit Dharohar' project in 2023, which proposed transforming environmentally vulnerable wetlands into sustainable tourist spots, JPL took proactive steps to cultivate its own wetland within the plant premises. A naturally occurring depression within the plant area was chosen and transformed into an ecological haven, following guidelines specified in the CII-Biodiversity Survey Report.

Efforts included the construction of a 1,300-meter wetland drain, which reused waste coal rock boulders, running from the plant to the newly-developed wetland and covering an extensive area of roughly 5,000 m². This wetland was designed to be replenished with overflow from a nearby kaccha pond which is connected to rainwater and treated wastewater. The project culminated in a ceremonial inauguration on World Wetland Day on 2 February 2024. To mark the day, JPL organised a procession led by the plant head, advocating for wetland and water conservation. On the occasion, JPL employees planted 50 native saplings within the wetland area. Jute bags with the message: 'Say No to Plastics' and seed notepads made from recycled paper were distributed among them.

The development of this wetland has not only resulted in an ecologically diverse biosphere, home to a variety of plant and animal species but also improved the organisation's biodiversity index significantly. Additionally, the project demonstrated a cost-effective and environmentally friendly way to reuse waste materials while conserving natural resources.



Apraava Energy's natural capital strategy is multi-pronged. It involves conscious use of available resources, concerted measures to reuse by-products and waste as well as measures to develop and conserve newer ecosystems. As we work towards broadening our vision and focusing on our ambitions, we are also committed to protecting, nurturing and rebuilding the natural resources that fuel these goals in the first place.

