

# CII-ASCEND

Activate Startups in Cleantech to Strategize, Execute, Navigate & Deploy

## CONGRATULATIONS WINNERS



**APROPOS DRIVE**

Rare Earth Magnet Free Wheel Traction Drive (WTD) for 2W,3W and 4W, 15-20% improved vehicle range & performance



**ecorenova**

Onsite delamination machine for Solar PV recycling recovering maximum waste from the old panels



**FEYNMAN ENERGY**  
FUTURE IS ELECTRIC

Lithium Manganese Iron Phosphate (LMFP) battery solutions, Cobalt & Nickel-free, 30-35% cost savings vs NMC, High thermal stability (~280°C) & improved energy density



**iRasus**

AI-powered battery intelligence to maximize life, safety, and sustainability across mobility and energy storage



**Rechargeion**

Rechargeable pouch cell battery 1-10 Ah capacity with high energy density, cycle life (>9,000 cycles), fast charging, stable voltage—on par or better than LFP.



**KOSHA**

AI-powered fibre scanner with digital traceability, enabling textile identification and transparent recycling. Can be adapted to plastic industry as well



**SAM Biosolution Pvt. Ltd.**  
Sustain-Able Management Company

Protein-Based Industrial Wastewater Treatment Solution



**SGT**  
Saarthi GreenTech  
Hydrogen Fuel Systems

Plug and play hydrogen-diesel hybrid retrofit system for hard-to-abate sectors diesel trucks, diesel gensets, marine applications



**UGreen Technology**

Modular carbon capture systems, CO2 utilization units

For future programs please reach out to:

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We are pleased to announce the winners of the CII-ASCEND Innovation Challenge, supported by the Sustainability, Equity and Diversity (SED) Fund.

Following a competitive selection among many promising cleantech solutions, 9 innovative cleantech startups have been selected to demonstrate their technologies through pilot implementations in industries/buildings across India. Each selected startup will receive up to USD

30,000 to support their pilot demonstration.

We extend our congratulations to the selected startups:

- [\*\*Aproposdrive Technologies\*\*](#)
- [\*\*ECORENOWA SOLUTIONS PRIVATE LIMITED\*\*](#)
- [\*\*Feynman Energy\*\*](#)
- [\*\*iRasus Technologies\*\*](#)
- [\*\*KOSHA.ai\*\*](#)
- [\*\*Rechargion Energy\*\*](#)
- [\*\*SAM BIOSOLUTION PRIVATE LIMITED\*\*](#)
- [\*\*Saarthi Green \(SGT\)\*\*](#)
- [\*\*UGreen Technology Pvt. Ltd.\*\*](#)

These pilot demonstrations will support the startups in advancing closer to commercialization while significantly strengthening their market impact.