

# SUCCESS STORIES OF STARTUPS

RKVY RAFTAAR – ARISE and UPJA

## Maclec Technical Project Laboratory Pvt Ltd

**Founder:** Narayan Bhardwaj

**Focus Area:** Farm Mechanization

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**Foundation Year:** 2014

**Location:** Delhi NCR



### PROBLEM STATEMENT

An Indian village deprived of modern-day facilities is grappling with a critical power crisis, exacerbating socio-economic challenges and hindering community development.

### SOLUTION OFFERED

SHK-TURBINES – are the most affordable, indigenous, modular, scalable, round the clock, environment-friendly base load Decentralized Renewable-Energy generation system suitable for all kind of running water streams. It is as a novel, plug and play green energy generation technology. MACLEC offers customizable, scalable, floating hydrokinetic power plant for sustainable hydro power generation at most affordable cost.



### PRODUCT USP

- Saving cost on dams/ reservoirs/ mega structures construction
- Less than US\$ 3/kwh generation cost
- > 35 years useful life with 0% carbon emission

### SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT

Significant social impact offered by providing affordable, reliable energy access to communities, fostering economic development through reduced energy costs and job creation, and contributing to environmental sustainability with zero carbon emissions and minimal disruption to ecosystems.



\* 600+ Farmer  
Benefitted



\* 50+ Paid  
Customers



\* 02 Products  
in market



\* 09+ State  
Presence

\* as provided by the startup [Data Year 2023-2024]