1700+ Schools, 500+ Hostels and Counting
Energy Needs of 2,65,589 Students Bridged

TECHNOLOGICAL SOLUTION
- Multiple projects bundled together under one CSR Program - Digital Education for Schools, Basic Energy needs for Hostels and portable lighting for school students.
- The Digital Education Program uses, Efficient projectors or Television and an offline bank of state syllabus based local language content which enhances teaching learning methodologies to improve learning effectiveness.
- Constant maintenance and service support is provided by a local energy enterprise for ensuring the longevity of the technologies.

FINANCIAL SOLUTION
- Menda Foundation’s CSR Funds were co-leveraged to achieve twice the amount of impact which it would have by itself.
- For every individual school or hostel, 50% of the funds were provided by Menda Foundation whereas the remainder was leveraged through local NGOs, village panchayats and private contributions by the community.

SOCIAL SOLUTION
- Buy in from the school, hostel management was a key aspect of ensuring the longevity of the solution.
- Champion teachers have been instrumental in making use of the technology at the highest potential.
- Emphasis laid upon usage of vernacular content and training of teachers for more meaningful usability.

Delivering Decentralised Education
Learnings from SELCO Foundation

A Bridge School in an urban slum in Bangalore with a pre-fabricated, portable structure made of sustainable materials and learning tools built into the building, solar energy for lights, fans and a projector with Kannada learning content; and rain water harvesting.

Sustainable Energy, Conducive Learning Environments and Appropriate Technologies have been at the heart of our mission.

www.selcofoundation.org
Learning 1

“We have a projector, but it’s not in use as there is no electricity.”

Energy Efficient Technologies Powered by Solar

From the Field

- Digital Education Programme
  - In Odisha, Karnataka, Tamil Nadu, Manipur, Meghalaya, Maharashtra, Bihar and Assam.

- Televisions powered by independent solar energy systems

- Offline content based on the state syllabus, in vernacular languages

MicroGrid at Kalker Music School

- Residential Music school for children from poor communities near Dharwad, Karnataka

- Powering efficient lights, pumps and water heaters, music instruments and also their kitchen appliances

Learning 2

“How do you expect us to convince 15 qualified computer teachers to teach in a remote forest location?”

Learning 3

“We work with migrant and poor communities to help mainstream their children into regular schools. But we don’t have the right infrastructure.”

Portable Spaces for Learning with Built-in Aids and Access to Reliable Energy.

From the Field

- Bridge Schools and Anganwadis
  - In Karnataka
  - Solar Powered lights, fans and projectors
  - Built in learning aids like abacus
  - Sustainable materials, prefabricated unit and rain water harvesting

Learning 4

“Our school doesn’t have Science, Computer Labs, and Libraries.”

Virtual Lab Kiosks & Digital Libraries

From the Field

- Computer Literacy on Wheels
  - In Jharkhand, Karnataka & Odisha
  - Computers powered by solar panels on the roof of the vehicle
  - A single set of teachers and computer screens provide computer literacy as per their local context.

#LastMileEduTech powered by Solar Systems Single time technological infrastructure cost, digital lab simulators in tabs and kiosks with offline content in vernacular languages