

Title of the case study: Environmental Protection – Promotion of Greenery – Green Energy – Water Conservation

Basic information:

- Time period of the case study: 2023-2024
- Location (specific site, if applicable): Ranga Reddy District, Telangana, India.
- Brief background: The year 2017 onwards we saw many different climate-related challenges in Telangana region as well across the country. While many different factors play a role, a significant one is the steep reduction of green cover. This severely affects us in different ways like increasing carbon gases, tackling the problem of pollutions, destruction of natural habitats of animals and birds, soil erosion.

Apart from plantation, the other most important factor for environmental protection is using a clean, green source of energy. Solar power is a great way to reduce your carbon footprint. There's nothing about solar power that pollutes mother nature. Solar power doesn't release any greenhouse gasses, and except for needing a source of clean water to function, it uses absolutely no other resources. Hence, it's safe and environmentally friendly.

Solar power is self-sufficient and installing solar panels on your roof is a safe and easy path to contribute to a sustainable future. Starting on your home is a great way to show you care about the environment.

With this backdrop and keeping in view the objective of Cyient Foundation to achieve long-term, holistic development of the community and committed for environmental protection, Cyient Foundation has pledged to plant over 10,000 plant samplings every year and committed to afforestation in and around the Cyient Facilities and also pledge to use the green energy and achieve the net neutrality in carbon emission, soil protection and water conservation.

Details of the case:

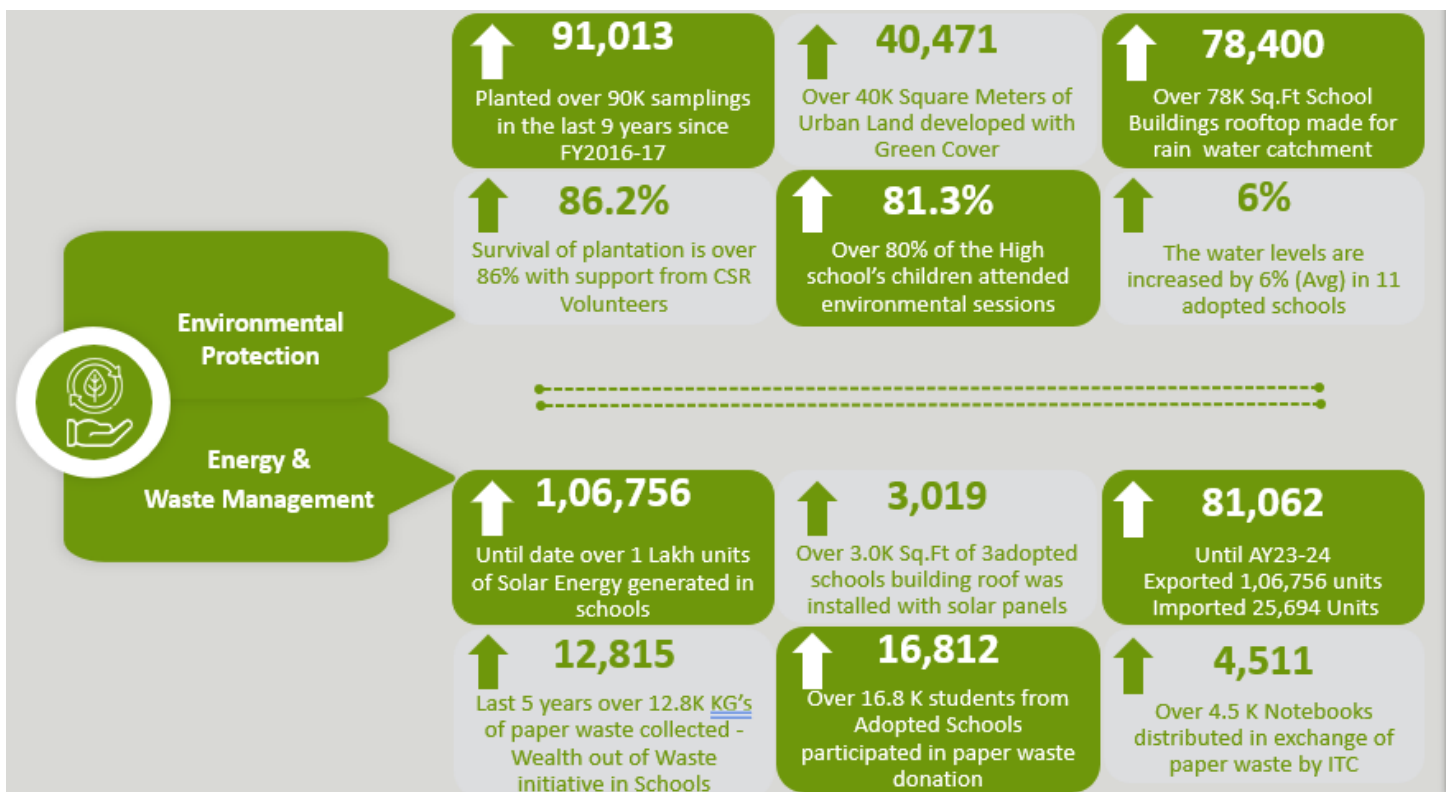
- What issues or challenges were faced?
 - The environment getting impacted with carbon emissions.
 - Green House Gasses and heat waves around the city
 - Poor quality of air in the city of Hyderabad
 - The ground water is being dropped year on year.
 - No water conservation and water harvesting in the city.
 - The rainwater is not tapped into the soil and going into drains.
 - The energy consumption is increased day by day due to urbanization.
 - Natural resources are getting exhausted day by day.
- What was the approach taken to address these challenges?

Cyient has been responsible to the community, environment, and the mother earth. Cyient Foundation put the step forward in rejuvenating the mother earth by participating in Plantation, Water Conservation and Green Energy.

The Cyient Foundation Environmental Protection initiatives started from the offices, the adopted schools, adopted communities and the skill canterers.

Cyient Foundation had initiated numerous initiatives in protecting the environment.

- Started planting trees since FY 2016-17, started with 5000 samplings and year on year reached to 15000 plant samplings a year.
- Engaged Cyient Associates and their family members in plantation drives, encouraged the Cyient Adopted Schools children to plant trees and adopt plants in their communities.
- Started plantation in and around adopted schools, urban forestry lands, parks and walkways and foot paths.
- To collect large amounts of water that helps in mitigating the effects of drought. Also causing less stress to the water table.
- Conducting environmental awareness programs in collaboration with various NGOs to motivate pro-conservation attitudes and sustainable practices by enhancing knowledge, skills, and action competence.
- School Building Roof tops to tap the rainwater and rainwater harvesting.
- Installed solar panels on School Building Roof tops to generate green energy for the school's usage.



Over 90 K Samplings planted as part of Telangana Haritha Haram – Received award from CII Telangana

2891 Cyient Associates participated in plantation drives and developed the urban forestry lands in Telangana.

6509 Cyient Adopted Schools Children and the Cyient Vijaya Volunteers participated in plantation in and around schools and community.

CYIENT

FOUNDATION

Cyient Foundation
Plot 11, 4th wing, Software Units
Layout, Infocity, Madhapur,
Hyderabad, Telangana – 500081
CSR Reg. No: CSR00004617
NGO DARPAN: TS/2021/0287481

Solar energy generated through roof top solar panels in two of the large schools in Hyderabad.





Waste is segregated and over 16K children participated in WoW program by Cyient & ITC



- What was the benefit of the initiative?

Impact:

- Helped in the Green Cover of the urban unattended lands.
- In 14 schools developed rainwater conservation from schools, community, canters roof top.
- Until date over 1 Lakh units (1,06,756 Units) of Solar Energy generated in schools
- Last 5 years over 12.8K KGs of paper waste collected - Wealth out of Waste initiative in Schools.
- Over 4.5 K Notebooks distributed in exchange of paper waste by ITC.
- Over 16.8 K students from Adopted Schools participated in paper waste donation.
- The school is awarded by IGBC and received appreciation from the CII Telangana.
- Until AY23-24 Exported 1,06,756 units Imported 25,694 Units and 81,062 potentially saved.
- Over 78K Sq. Ft School Buildings rooftop made for rainwater catchment
- Over 80% of the High school's children attended environmental sessions.



Photographs:

- A picture depicting the benefits received / illustrative image of the activity/support provided.
- Note: No selfies, pictures at public places, etc. make sure the picture is professional keeping in mind the purpose of reporting



CYIENT

FOUNDATION

Cyient Foundation

Plot 11, 4th wing, Software Units
Layout, Infocity, Madhapur,
Hyderabad, Telangana – 500081

CSR Reg. No: CSR00004617

NGO DARPAN: TS/2021/0287481



CYIENT

FOUNDATION

Cyient Foundation
Plot 11, 4th wing, Software Units
Layout, Infocity, Madhapur,
Hyderabad, Telangana – 500081
CSR Reg. No: CSR00004617
NGO DARPAN: TS/2021/0287481



