

Thrive. For Life.

(Under the Aegis of GD Goenka Group)

Goenkan Sustainability Report



Presented by: GDGPSS

G4H

GOENKAN FOR: HOPE | HEALTH | HYGIENE | HUMANITY



HOPE



HEALTH



HYGIENE



HUMANITY



Following slides are some glimpses of
our Eco Friendly initiatives from the
various sections of the school



Our Viission

G D Goenka Public School, Siliguri actively promotes environmental responsibility through meaningful and sustained initiatives. The school integrates eco-conscious practices into everyday learning, encouraging students to become responsible global citizens. Regular tree plantation drives, waste segregation systems, and awareness campaigns help instill a sense of care for nature.

Through activities like eco-clubs, cleanliness drives, and sustainable resource management, students are taught the importance of reducing, reusing, and recycling. The school also emphasizes energy conservation and the use of eco-friendly materials within the campus. By blending environmental education with action, the institution nurtures a culture of sustainability and respect for the environment among its learners.



Pre-Primary Section (Nursery – Class III)

"It is easier to build strong children than to repair broken adults." – Frederick Douglass

“Small hands can make a big difference”

- Engaging sessions on eco-friendly practices.
- Children learned about reducing, reusing, and recycling through interactive activities.
- Initiative nurtured eco-friendly habits from an early age.



The Core Message

Clean surroundings, clear minds.

- Students of Nursery to Class III actively took part in keeping their surroundings clean.
- The activity highlighted the importance of hygiene and care for the environment.
- Through this initiative, children learned that small actions lead to a healthier and more balanced ecosystem.



Sensory Garden

"Nature is the best classroom — where every sense comes alive."

- A vibrant and child-friendly garden designed to engage all five senses — sight, sound, touch, smell, and taste.
- Includes soft grass, aromatic herbs, textured leaves, colorful flowers, and gentle wind chimes.
- Provides a hands-on learning space for children to explore nature through sensory play.
- Enhances observation skills, curiosity, and emotional well-being.
- Encourages love for nature and awareness of the environment from an early age.



Earth Day Celebration

- Celebrated on 22nd April 2025 with focus on environmental conservation.
- Students discussed pollution, climate change, deforestation & water conservation.
- Suggested practical solutions to global environmental challenges.
- A pledge ceremony was held where children vowed to adopt eco-friendly habits.
- The initiative nurtured awareness, responsibility, and eco-stewardship.



Van Mahotsav

Plantation Drive :“He who plants a tree plants a hope.” – Lucy Larcom

- Celebrated with a plantation drive by Classes IV & V.
- Students planted saplings with enthusiasm.
- Learned the value of nurturing trees for a greener future.
- Initiative instilled responsibility and commitment to conservation.



Student's Activity



Home away from Home!

Each one, plant one — grow a greener tomorrow

- Theme: “Plant at least two trees in a year.”
- Students watered plants, placed name tags, and vowed to nurture them.
- Created posters with messages like Save Our Earth and Avoid Deforestation.
- Inspired students to care for the planet.



Boarding Section

Sustainability is no longer a choice; it's our responsibility.

Educational visit to Darjeeling Garden Pvt. Ltd.

- Theme: “Plant at least two trees in a year.”
- Students watered plants, placed name tags, and vowed to nurture them.
- Created posters with messages like Save Our Earth and Avoid Deforestation.
- Inspired students to care for the planet.



The soil is the soul of the Earth

Educational Visit – Soil Lab & Herbal Garden (Class XI)

- Learned sustainable orchid cultivation (cocopeat, coconut husk instead of soil).
- Observed drip irrigation and use of organic manures.
- Enhanced environmental awareness and adoption of green practices





Whole School & Community Projects



Together we can — together we grow

Project GYOF – Grow Your Own Food

- Inspired by the quote “The love of gardening is a seed once sown that never dies.” – Gertrude Jekyll.
- Launched on 5th September 2020 with 120 caretakers.
- Six designated areas in the school for vegetables, fruits, and Ayurvedic herbs.
- Initiative promotes self-sufficiency, sustainability, and healthy living.
- Students, staff, and caretakers actively nurture the gardens, fostering green skills and eco-awareness.





**Community Clean-Up Project: Keep the
Earth clean — it's not Uranus!"**



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Alternate Energy Initiative – Solar Panel Project

“Let the sun power our tomorrow.”



Solar Power

- Installed 120 KW Solar Panel Project on campus.
- Annual generation capacity: 1,56,000 units of clean energy.
- Promotes renewable energy, sustainability, and reduced carbon footprint.





Eco-Friendly Artifacts Seva Setu & Skill Development Program

Creativity meets sustainability



Seva Setu Initiative by Commerce Department

- Created artifacts using eco-friendly materials.
- Promoted sustainability through creative practices.
- Involved support staff, fostering teamwork & inclusion.
- Encouraged skill development and community respect.

• Under the Seva Setu Project, our support staff creatively transform waste materials into beautiful home décor pieces, showcasing both sustainability and skill. They are trained in artisan crafts, empowering them with valuable livelihood skills. These handcrafted items are displayed and sold during PTMs, and the proceeds are contributed to the G4H Fund—turning creativity into meaningful impact.





Hydroponic Garden Project: Growing without soil, thriving with care



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**Colour-Coded Dustbins for Waste
Segregation : Sort today, sustain
tomorrow."**



Colour-Coded Dustbins

- Introduced colour-coded dustbins across campus.
- Encourages proper segregation of waste at the source.
- Makes recycling & disposal more efficient.
- Promotes eco-friendly waste management practices.





Abundant Pet care centre : Everything shared



Pet care centre

- Food resources were thoughtfully reused in a sustainable way.
- Shared with swans, and rabbits with care and compassion.
- Contributed to mindful utilization while supporting animal well-being.
- Encouraged eco-friendly practices and responsible resource management.





**Wet Crusher – Eco-Friendly Waste
Management “Compost the rest – give
waste a second life.”**



Wet Crusher

- Installed Wet Crusher on campus for organic & food waste.
- Converts wet waste into fine material for composting/biogas.
- Promotes sustainable waste management practices.
- Educates students on eco-friendly technology & conservation.





Sanitary Napkin Incinerator – Hygiene with dignity, care with purpose



Sanitary Napkin Incinerator

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Sanitary Napkin Vending Machines



Vending Machines

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**Bird Sanctuary & Feeder – “Where
wings meet kindness.”**



Bird Sanctuary

G D Goenka Public School, Siliguri has developed a vibrant bird sanctuary within its campus to promote biodiversity and environmental awareness among students. The sanctuary provides a safe and nurturing habitat for various local bird species through the installation of bird feeders and water stations. Students actively participate in maintaining the sanctuary and observing bird life, fostering a sense of responsibility and love for nature. This initiative has created an engaging learning space while contributing positively to environmental conservation.





Educational Visit to an Organic Farm



Educational Visit

Students of G D Goenka Public School, Siliguri recently visited a local organic farm as part of their experiential learning programme on environmental awareness and sustainable practices. The visit aimed to provide students with first-hand exposure to natural farming methods and the importance of chemical-free agriculture. During the visit, students observed various techniques such as composting, crop rotation, and the use of natural fertilizers. Farmers explained how organic farming helps maintain soil fertility, protects biodiversity, and ensures healthier food production. The students actively participated in activities like planting saplings and understanding irrigation methods. The visit was both informative and engaging, helping students connect classroom learning with real-life practices. It inspired them to adopt eco-friendly habits and appreciate the efforts involved in sustainable farming. Overall, the trip was a valuable learning experience that reinforced the importance of caring for the environment.





Abhivyakti: A Forum for Sustainability Dialogue



Abhivyakti

The school actively promotes sustainability through “Abhivyakti”, an open forum where parents, educators, and school leaders come together to share ideas and collaborate on eco-friendly initiatives. This platform encourages discussions on practical aspects such as waste management, water conservation, and sustainable living. Parents contribute valuable insights and are motivated to actively participate in environmental projects, strengthening the home-school partnership. Building on these discussions, the school conducts workshops and awareness sessions for parents to promote the adoption of eco-friendly practices at home. Abhivyakti also supports the school’s broader vision of expanding sustainability initiatives through alumni networks across regions. Through this collaborative approach, the school fosters a shared responsibility towards sustainability, ensuring long-term environmental impact.





Carpool System Initiative



Carpool

As part of its commitment to sustainable practices, the school has introduced a carpool system to reduce traffic congestion and carbon emissions around the campus. Parents are encouraged to coordinate and share transportation, ensuring fewer vehicles on the road during school hours. This initiative not only promotes environmental conservation but also enhances road safety and reduces fuel consumption. By adopting carpooling, the school community actively contributes to lowering its carbon footprint and fostering responsible, eco-friendly habits.

GD GOENKA SCHOOL

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Siliguri, Darjeeling
West Bengal





Parent Certification as Eco Warriors



Parent Certification

To strengthen its sustainability mission, the school has introduced a “Parent Eco Warrior Certification” initiative. This program recognizes and encourages parents who actively adopt and promote eco-friendly practices in their daily lives. Parents are guided to follow sustainable habits such as waste segregation, reduced plastic usage, water conservation, energy saving, and participation in school-led environmental initiatives. Based on their involvement and consistent efforts, they are acknowledged and certified as Eco Warriors. This initiative not only motivates families to practice sustainability at home but also builds a strong partnership between the school and parents. By celebrating their contributions, the school creates a community-driven movement towards a greener and more responsible future.





Role of Alumni in Sustainability (G4H Initiative)



Alumni in Sustainability

The alumni network plays a pivotal role in extending the school's sustainability vision beyond the campus. With alumni spread across India and countries such as Nepal, Bangladesh, and Bhutan, they serve as ambassadors of environmental responsibility in their respective regions.

Under the initiative G4H – Goenka for Health, Hope, Humanity, and Hygiene, alumni will establish regional sustainability hubs to replicate and promote eco-friendly practices. These hubs will act as centers for awareness, community engagement, and implementation of sustainable initiatives such as plantation drives, clean-up campaigns, and responsible resource management.

By leveraging their local reach and experiences, alumni will adapt the school's sustainability practices to suit regional needs, thereby creating a scalable and impactful model. Their active involvement will ensure that the vision of sustainability grows into a widespread movement, fostering environmentally conscious communities across borders.



Thank You

Presented by: GDGPSS



Goenkan Sustainability Roadmap

3–5 Year Strategic Goals & Action Plan
2026 – 2031



GOENKAN FOR: HOPE | HEALTH | HYGIENE | HUMANITY

This Community Service and Social Outreach Programme of GD Goenka School ,Siliguri looks at the four pillars that hold up a life of quality and purpose: Hope, Health ,Hygiene and Humanity and looks for avenues to bring change in these areas. The first G4H Orientation was held in 2012, where students, teachers and department heads were asked to choose from the four areas of the Committee- HOPE, HEALTH, HYGIENE AND HUMANITY. With the founder members of the school including t he first batch of students and teachers, this group started with its very first activities which included charitable work for the society like ANN DAAN, SHRAM DAAN, etc.

The activities for the four pillars of G4H are led by the students and staff of the School's four houses:

- Radhakrishnan House (Goenka for Hope)
- Tagore House (Goenka for Health)
- Vivekananda House (Goenka for Humanity)
- Teresa House (Goenka for Hygiene)

Each house takes responsibility for planning, organizing, and leading activities aligned with the four pillars of G4H, encouraging student leadership, collaboration, and active participation across the school.

**G4H was first initiated
in the year 2012**



HOPE



HEALTH



HYGIENE



HUMANITY

Our Vision & Strategic Framework

"Sustainability becomes powerful when it is shared, lived, and continuously nurtured by a community."

— GD Goenka Public School, Siliguri | 3–5 Year Vision

Build

Deepen eco-culture across every grade and department through structured programs & innovation

Expand

Extend impact through alumni-led G4H hubs, parent engagement, and community outreach

Sustain

Embed measurable goals, digital tracking, continuous feedback loops and network growth

ROADMAP HORIZON: 2026 → 2031

Sustainability in Action: Everyday Practices on Campus

1. Awareness programmes for support staff on sustainable practices

2. Digital benches to reduce paper use across classrooms & corridors

3. Sensitisation on electricity conservation among all stakeholders

4. Awareness on screen time & responsible use of smart panels

5. Open-air classrooms promoting natural and mindful learning spaces



Building Responsible Habits & Shared Ownership

1. Practice of switching off ACs 15 minutes before dispersal
2. Installation of vending machines for efficient resource access
3. Encouraging parent engagement through regular library usage
4. Creating a culture of collective responsibility for sustainability
5. Promoting daily eco-conscious behavior among students & staff



Our Foundation: What We've Already Built



120 KW Solar Plant

1,56,000 units of clean energy/year



Colour-Coded Waste System

Segregation at source across campus



Hydroponic Garden

Soil-free sustainable food cultivation



GYOF Program

Grow Your Own Food – campus zones



Bird Sanctuary

Biodiversity hub within school campus



Wet Crusher & Composter

Organic waste → compost/biogas on site



Sensory Garden

Pre-Primary eco-learning space



Seva Setu Program

Eco-artifacts by support staff, inclusive

The G4H House System: Four Pillars of Action

Each house drives sustainability through its dedicated theme — every activity, outreach, and initiative aligns with its G4H mission.

HOPE

RADHAKRISHNAN

Education, Literacy & Future Aspirations

- ▶ Launch annual Digital Literacy Camps
- ▶ Alumni mentor network for career guidance
- ▶ Scholarship tracking for underprivileged students
- ▶ Library-on-Wheels community outreach

HEALTH

TAGORE

Physical Fitness, Nutrition & Mental Well-being

- ▶ School nutrition garden expansion
- ▶ Mental health awareness assemblies
- ▶ Annual Health & Fitness Festival
- ▶ Yoga & mindfulness for all grades

HYGIENE

TERESA

Environmental Purity & Personal Sanitation

- ▶ Zero-plastic campus campaign
- ▶ River & community clean-up drives
- ▶ Sanitation awareness in nearby villages
- ▶ Expanded waste-segregation training

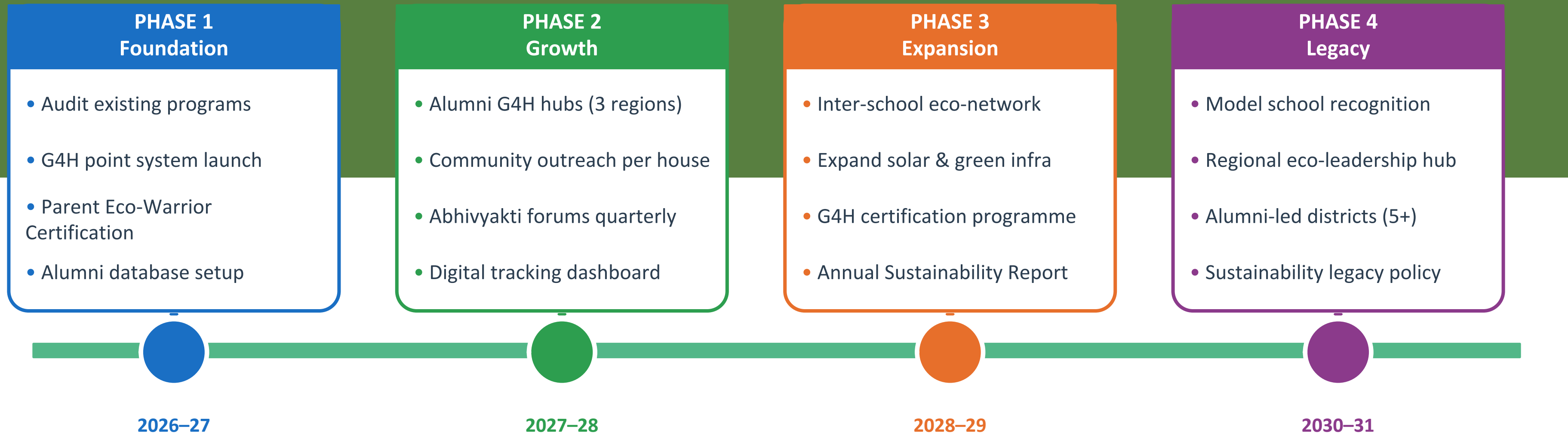
HUMANITY

VIVEKANANDA

Social Service, Empathy & Inclusion

- ▶ Inclusive arts festival with special educators
- ▶ Senior citizen outreach programme
- ▶ Blind-school & orphanage collaboration
- ▶ Empathy curriculum integration

3–5 Year Phased Roadmap: 2026 – 2031



SHORT-TERM (2026–28)

LONG-TERM (2028–31)

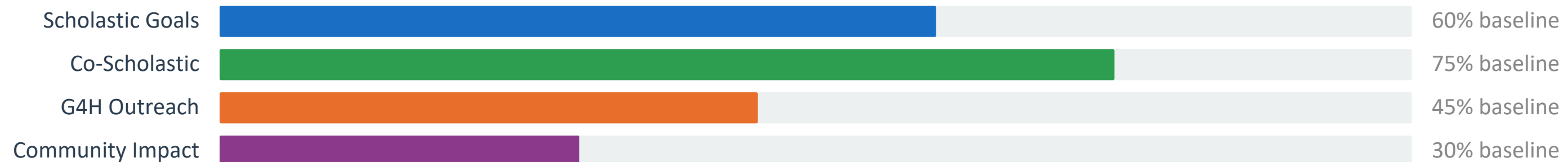
1 min internal outreach/house/year

1 min external outreach/house/year

Alumni hubs in 5+ regions by 2031

Digital G4H dashboard live by 2027

Minimum Annual Outreach Requirements per House



Current Baseline Progress (2025–26)

Short-Term Goals: 2026 – 2028

Campus Infrastructure

- ✓ Install 2 additional solar panels to expand clean energy output by 20%
- ✓ Complete hydroponic garden Phase 2 with student-run management committee
- ✓ Introduce rainwater harvesting pilot by session 2027–28
- ✓ Expand colour-coded dustbin system to all hostel wings & sports zones

Community & Parents

- ✓ Launch 'Parent Eco Warrior Certification' Programme (Year 1 target: 50 families)
- ✓ Conduct quarterly Abhivyakti forums for parent-school sustainability dialogue
- ✓ Parent-led home eco-audits shared with school for cross-learning
- ✓ Introduce 'Green Family of the Month' recognition

Alumni G4H Hubs

- ✓ Map and activate alumni network across 5 key regions (Nepal, Bhutan, Bihar, Sikkim, WB)
- ✓ Register minimum 3 functioning G4H alumni hubs by end of 2027–28
- ✓ Train alumni leads under the G4H Advocacy Framework
- ✓ Annual virtual G4H alumni summit for shared learning

Monitoring & Data

- ✓ Build centralized digital dashboard for house points & G4H impact tracking
- ✓ Introduce term-wise G4H Impact Reports per house
- ✓ Define KPIs for each house theme (HOPE, HEALTH, HYGIENE, HUMANITY)
- ✓ Pilot student-led eco-audit committee by 2027

Green Commitment: Community-Driven Tree Plantation Model

Our Community Strength → Our Sustainability Target

- Total Students: **2206**
 - Total Parents: **4412**
 - Total Staff: **312**
 - Total Alumni: **56**
- 👉 **Total Community Strength = 6,986 Individuals**

Annual Sustainability Commitment

Each individual represents one sapling per year

✓ **Annual Tree Plantation Target: 6,986 Saplings**



5-Year Growth Plan (Increment Model)

Year	Target Saplings	Growth Strategy
2026–27	6,986	Baseline Plantation Drive
2027–28	7,500	Parent & Alumni Engagement
2028–29	8,200	Community Partnerships
2029–30	9,000	Inter-school Collaboration
2030–31	10,000+	Regional Impact Expansion



“Every member of the GDGPSS community contributes to a greener future—one sapling at a time.”

Long-Term Goals: 2028 – 2031

Scaling impact from campus to community — building a replicable, enduring model of eco-leadership.

01 Regional Eco-Leadership Hub

Position GDGPSS Siliguri as a recognized Sustainability Centre of Excellence for the GD Goenka network. Host annual inter-school G4H summits and share best practices.

02 Alumni Hub Expansion to 5+ Regions

Activate fully functional G4H alumni-led local hubs across Nepal, Bhutan, Bihar, Assam, Sikkim, and West Bengal — each running at least 2 outreach programmes per year.

03 Model Sustainability Campus

Achieve a carbon-neutral campus target with 100% waste segregation compliance, expanded renewable energy, and student-managed biodiversity zones including the Bird Sanctuary.

04 G4H Certification Ecosystem

Launch a structured G4H certification programme for students, parents, and alumni. Create a recognised badge of eco-stewardship linked to school-leaving credentials.

05 Institutional Sustainability Policy

Embed the G4H roadmap into the school's formal governance. Annual Sustainability Report published; policy adopted by the wider Goenka network as a replicable framework.

06 Intergenerational Impact Network

Create a living network where students, parents, alumni, and community continuously co-create solutions — ensuring sustainability becomes a lasting cultural legacy.



House-Wise G4H Goal Summary & Point Scheme

16

1st Place

12

2nd Place

8

3rd Place

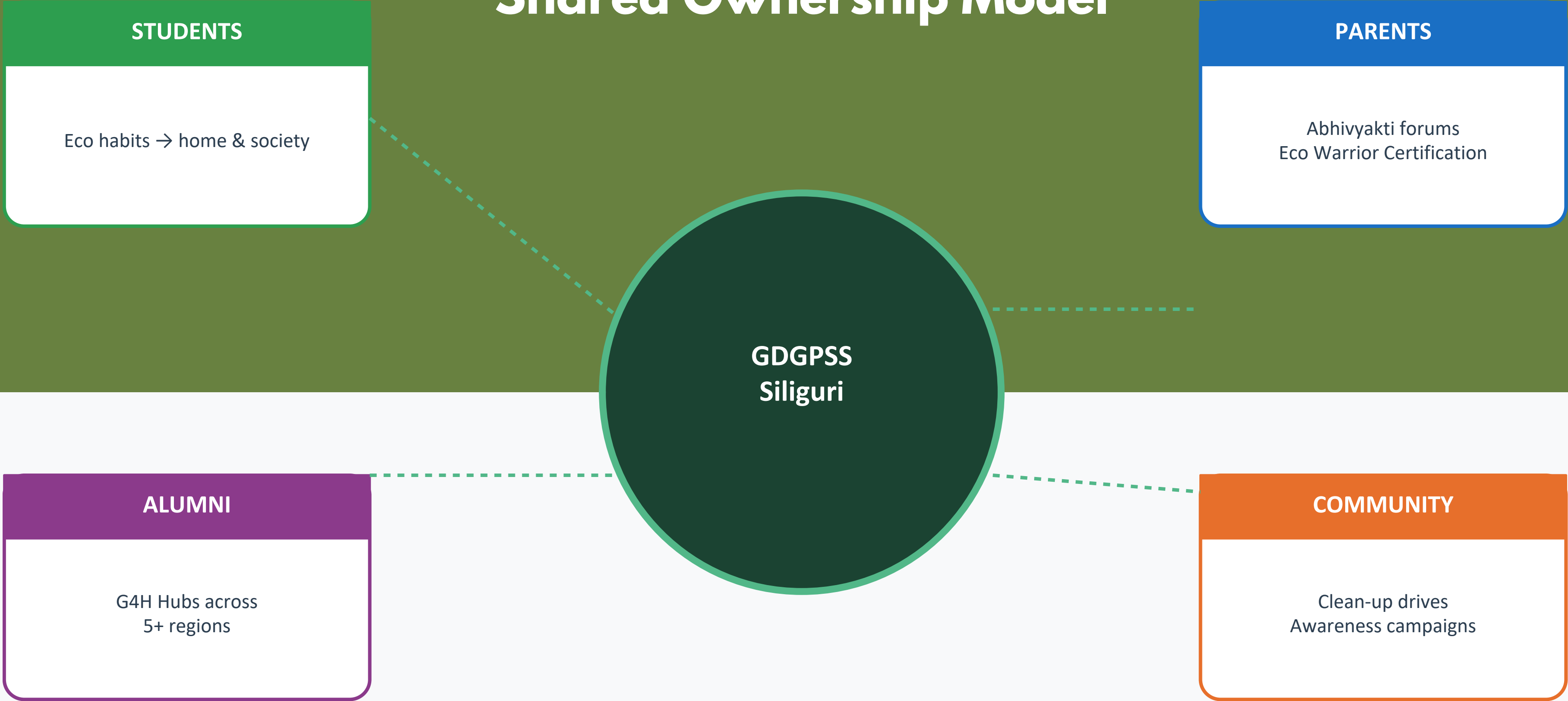
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4th Place

Applied equally across: Scholastic · Co-Scholastic · G4H · Academic Grade

House / Team	Theme	Short-Term Goal (2026–28)	Long-Term Goal (2028–31)
Radhakrishnan / HOPE	Education & Literacy	Digital Literacy Camps, Mentor network setup, Library outreach	5 active alumni hubs for Hope; scholarship endowment model
Tagore / HEALTH	Fitness & Well-being	Nutrition garden expansion, Mental health assemblies, Health Festival	Certified Health Champion alumni; campus sports-health index
Teresa / HYGIENE	Env. Purity & Sanitation	Zero-plastic drives, Village sanitation outreach, Waste training	Carbon-neutral campus; recognised Clean School Award
Vivekananda / HUMANITY	Empathy & Inclusion	Inclusive arts festival, Senior citizen outreach, Empathy curriculum	Regional Humanity Impact Network; annual report on social change

Stakeholder Ecosystem: Shared Ownership Model



The school acts as a catalyst — students, parents, alumni, and community become the driving force of lasting sustainability.

Key Performance Indicators & Measurement Framework

8/year

G4H Outreach Events

2 per house (1 internal + 1 external)

5 by 2031

Alumni Hubs Active

Across Nepal, Bhutan, Bihar, Sikkim, WB

200+ families

Parent Participation

Eco Warrior Certification holders

+20% by 2028

Solar Energy Output

From current 1,56,000 units baseline

100% compliance

Waste Segregation

All zones incl. hostel by 2027–28

Term-wise

House Shield Award

Based on centralized G4H impact data

40/year

Student Eco Leaders

Identified & trained per house per year

Annual

Sustainability Report

Published from 2028 onwards

Sustainability in the Classroom: Cross-Curricular Integration

Every subject becomes a vehicle for eco-consciousness — sustainability is not an add-on, it is woven into daily teaching.

Science & Biology

- ▶ Ecosystem field studies in school biodiversity zones
- ▶ Hydroponic lab — growing without soil, studying nutrients
- ▶ Soil & water testing experiments using campus soil lab
- ▶ Climate change data projects using local weather readings

Mathematics

- ▶ Calculate solar panel energy output & savings (real campus data)
- ▶ Waste volume & segregation statistics — data handling projects
- ▶ Carbon footprint estimation exercises for the school
- ▶ Budget planning for eco-initiatives — applied financial math

English & Languages

- ▶ Essay & debate: 'Should schools go completely plastic-free?'
- ▶ Write persuasive letters to local authorities on clean rivers
- ▶ Book club: eco-themed literature and environmental fiction
- ▶ Journalism project — school eco-newsletter by students

Social Studies & EVS

- ▶ Map local biodiversity zones and compare with deforested areas
- ▶ Case study: Darjeeling tea gardens & sustainable agriculture
- ▶ Community survey on waste habits — primary data collection
- ▶ Study of local G4H alumni impact across neighbouring states

Arts & Craft

- ▶ Eco-artifacts using recycled/upcycled materials (Seva Setu model)
- ▶ Poster campaigns for Van Mahotsav, Earth Day & World Water Day
- ▶ Tie-dye & natural pigment art using plant-based colours
- ▶ Sculpture from waste: classroom competitions, campus display

Physical Education

- ▶ Outdoor learning trails through the school garden & bird sanctuary
- ▶ Yoga & mindfulness sessions on the eco-lawn (Tagore House theme)
- ▶ Fitness challenges tied to step-count = tree planted targets
- ▶ Sports equipment audit — move to eco-friendly materials

Classroom Sustainability Goals: Pedagogical Roadmap 2026–2031

From passive learning to active stewardship — building sustainability competencies grade by grade.

SHORT-TERM | 2026 – 2028

Eco-Literacy Across All Grades

Introduce grade-specific sustainability vocabulary and concepts in every subject — from Nursery (sensory garden) to Class XII (carbon footprint analysis).

Project-Based Learning (PBL) Units

Design 2 mandatory PBL units per year per class, tied to one of the 4 G4H house themes — Hope, Health, Hygiene, or Humanity.

Eco-Journal Programme

Every student maintains a personal Eco Journal — tracking habits, recording field observations, and reflecting on sustainable choices weekly.

Green Classroom Certification

Certify classrooms that demonstrate consistent eco-practices — minimal waste, energy saving, and active student participation in G4H drives.

LONG-TERM | 2028 – 2031

Sustainability Competency Framework

Develop a school-wide competency ladder — students graduate with documented sustainability skills, recognised in the school-leaving portfolio.

Inter-School Eco-Curriculum Exchange

Partner with other GD Goenka schools to co-develop and share sustainability lesson plans, projects, and best teaching practices.

Teacher Training & Eco-Pedagogy

Annual eco-pedagogy workshops for all faculty. Identify and train 'Sustainability Champions' in each department to lead curricular integration.

Student-Led Sustainability Research

Senior students (Class XI–XII) undertake original sustainability research projects — data collected from campus initiatives feeds into real reports.

Pre-Primary: Sensory & Nature Play

Primary (I–V): Eco-Habits & Gardens

Middle (VI–VIII): Research & Projects

Secondary (IX–XII): Leadership & Policy

From Initiative to Legacy

G D Goenka Public School, Siliguri

HOPE

Education & Literacy Hubs

HEALTH

Fitness, Nutrition & Mind

HYGIENE

Clean Campus & Community

HUMANITY

Empathy, Service & Inclusion

"Sustainability becomes more than an initiative -- it becomes a legacy."