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Capgemini

Corporate Social Responsibility Impact Assessment Report for Capgemini Technology Services India Ltd.

Mission Million Trees
F.Y. 2021-24

INTRODUCTION

Capgemini is a global leader in consulting, technology, and outsourcing services, with over 130,000 professionals across 40+ countries.

Known for its Collaborative Business Experience™ and Rightshore® delivery model, Capgemini has been driving business transformation through technology for over 50 years.

Company leverages expertise in cloud, AI, data, connectivity, and digital engineering to foster innovation and operational efficiency, helping organizations confidently navigate the digital era.

Capgemini's CSR Program – Mission Million Trees

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Mission Million Trees is a three-year (2021–2024) CSR initiative by Capgemini, implemented by ENBITECH in Shahpur, Thane, with support from Terracon Ecotech and local organizations.

Aiming to plant 2 lakh trees across 303 hectares, the project promotes sustainable plantations, biodiversity, and rural livelihoods.

Part of Capgemini's broader Mission Million Trees, launched in 2020, over one million saplings were planted across 14 Indian states with support from partners like Bayer, WWF, and IAHV.

In 2021, Capgemini joined the WEF's Trillion Trees Movement and pledged to plant 20 million more trees by 2030, supporting its SBTi-validated climate goals.

METHODOLOGY

Evaluation Research was undertaken to:

Understand the Environmental and Social impact of ENBITECH's MMT Program.

DATA COLLECTION METHODS

Keyword-based search & literature review using sources like Google/Google Scholar with terms like ISFR, National Afforestation Programme, Forest Cover in India, etc.

Group Discussions (GDs) with community members, farmers, and project staff for deeper insights.

In-Depth Interviews (IDIs) with project staff to understand implementation and impact.

Document Review of project materials shared by ENBITECH.

Transect Walk at project sites in Shahpur, Thane, to assess on-ground progress and impact.

FINDINGS- IMPACT OF ENBITECH'S – CAPGEMINI MMT

The project in Shahpur, Thane aimed to boost sustainability, livelihoods, and biodiversity.

Name of the Village and No. of trees planted:

Location	Trees Planted		Survivors in 2024
	2021	2022	
Vehloli Village	49,924		10566
Veluk Village	70,450	30,436	16893
other villages		58,607	64989
Roadside		12,700	
	1,20,374	1,01,743	
Grand Total		2,22,117	92448
Overall Survival rate			41.6%

Key Observations:

Based on MMJC field visits, **sites were categorized into four types** - Private land/farmhouses, Community land near institutions, School boundaries and Roadside areas.

Trees were categorized as fruiting or flowering, including native species like cashew, mango, and guava, which thrived with proper care.

Both seeds and saplings were distributed, **sourced from various nurseries** including Social Forestry Circle, Thane, and Krishi Vidyapeeth—**showing good risk management**.

However, criteria for **procurement selection and checks for seedling quality were not available**.

Tree plantation occurred in three phases. QR codes for verification were unavailable during the visit. Phase 1 details were incomplete, and no maintenance or monitoring records were found.

1–2 feet saplings were planted with support sticks as per good practices.

Trees near water sources survive better; some farmers transport water or use farm ponds.

Limited community engagement led to **irregular watering and low survival rates**.

Three short-term **supervisors with unclear roles** led to inconsistent care.

Private land trees survived better due to owner interest.

Project Analysis

OECD-DAC Six Evaluation Criteria Framework

OECD DAC Framework is a set of guidelines used to evaluate the inclusiveness, relevance, effectiveness, efficiency, impact, and sustainability of development and aid programs.

INCLUSIVENESS

MMT Project **engages local tribal communities** like the Katkari, Warli, and Thakar, who have strong ties to forests.

The project can **diversify their incomes and promote sustainability**.

Inclusive dialogue and **focus on health and education** are key to ensuring their active participation and long-term impact.

RELEVANCE

Expanding roads, industries, and lifestyle changes have **increased emissions and environmental threats**.

In response, **large-scale afforestation** helps restore balance.

From 2021–2024, **2,22,117 trees were planted** in Veloli, Veluk, and nearby villages, with **92,448 surviving trees** contributing to green cover, better air quality, and biodiversity.

COHERENCE

The MMT program **aligns with government schemes like National Afforestation Program and Green India Mission**, aiming to increase green cover in Thane.

It **supports ecosystem services** such as micro-climate improvement, climate resilience, water conservation, and **livelihoods for forest-dependent communities**.

EFFECTIVENESS

The MMT project has shown **average effectiveness due to limited local community** involvement, crucial for long-term success.

Minimal engagement with tribal groups, farmers, and residents **led to low participation and ownership**.

Future phases should **include awareness programs, incentives, and long-term strategies**.

A **scientific study on sapling health** is recommended to ensure effective care.

EFFICIENCY

Tree plantations were **regularly monitored with weekly visits** to assess health and provide guidance.

Corrective **actions like adding compost, pruning, and adjusting watering** were implemented.

However, the **monitoring mechanism was ineffective** due to poor documentation.

IMPACT

Livelihood generation potential exists through fruiting and flowering trees on private land. Associated farmhouses offer employment, supporting local communities economically.

Plantations **offer medicinal benefits and religious value**, supporting local health needs and cultural traditions.

Green Job Generation: Three locals hired as supervisors; others engaged on daily wages, but no supporting evidence found.

92,448 surviving trees have contributed to increased green cover, **supporting forest restoration.**

The project aims to **improve air quality as trees mature.**

A **scientific study could assess the carbon sequestration** potential of the trees.

Trees **improve soil health by circulating organic matter** and promoting nutrient cycling.

Capgemini may **conduct a study to assess changes in soil quality** as saplings mature.

SUSTAINABILITY

Planting trees in farmhouses provided **space for growth and reliable water** through on-site borewells, supporting plant health.

The inclusion of **native, medicinal, and religious trees offers vital resources for local communities**, enhancing project sustainability.

For future success, **initiatives should foster local ownership, offer economic benefits, and ensure ongoing monitoring and support**.

CONCLUSION

Implemented by the **ENBITECH,** the project focuses on planting **2 lakh trees** across **303 hectares** in **Shahpur, Thane District**, Maharashtra.

It also aims to create **income and employment opportunities** for local communities, especially by engaging them in plantation and maintenance activities.

By the end of FY 2024, **92,448 trees were surviving**, contributing to increasing green cover in Thane—a region identified as a **biodiversity hotspot**.

The project brings potential benefits such as **Soil quality improvement**, **Erosion control, Microclimate regulation**, **Biodiversity enhancement** and **Carbon sequestration.**

Project's long-term success requires a more **structured post-implementation review** to evaluate ecological impact, tree health, survival rates, and socio-economic benefits for communities.

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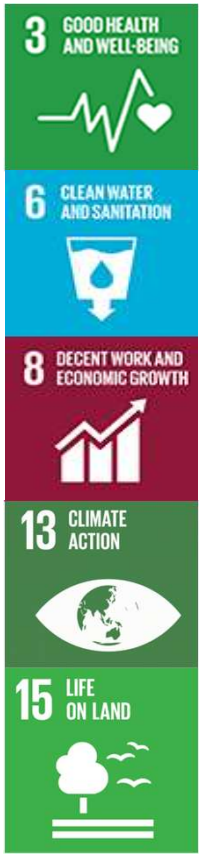
Way Forward – Align with India's National Biodiversity Strategy Action Plan, 2023-24 Key Idea: A Landscape Restoration Approach may be integrated in the next phase of the project with scientific selection of plantation site & tree species.

Community Awareness & **Ongoing Community Engagement**	Develop a **robust record-keeping system** & Project Documentation	Improve **Monitoring and Evaluation** throughout the project lifecycle
Enhance **Project Visibility among Stakeholders**	**Social Value** Addition through health services	**Economic Value Addition** through training in alternative livelihood sources & market Linkages

SDG ALIGNMENT



Target 3.9: Capgemini can assess air, water, and soil quality to gauge the impact of tree plantation and focus on asthma prevalence and mortality rates from unintentional poisoning (per 100,000 population).

Target 6.6: 92,448 surviving trees can enhance water supplies by absorbing stormwater, reducing flooding, and increasing moisture in the air and soil.

Target 8.3: Fruiting, flowering, and commercially valuable trees can generate entrepreneurship and livelihoods upon maturity.

Target 13.3: Trees help absorb harmful pollutants and GHGs, reducing carbon emissions and contributing to climate change mitigation.

Target 15.1: 92,448 surviving trees can contribute to SDG 15.

Target 15.2: Local community members should provide undertakings to ensure continuous care for the saplings.

Target 15.3: Combating land degradation and supporting ecosystem restoration.