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## OVERVIEW

**Trigger of the Project**

- The primary driving force was to address climate change and reduce the environmental impact of greenhouse gas emissions.
- Capgemini committed to meeting 11 out of 17 sustainable development goals.

**Milestone:** Capgemini Mission Million Trees project was an incredibly ambitious campaign that was completed within a span of a year





Mission Million Trees was launched on 15th August 2020 at 10 Capgemini office location. (Mumbai, Pune, Bangalore, Hyderabad, Chennai, Gandhinagar, Noida, Gurgaon, Kolkata and Bhubaneswar) successfully completed on 30th August 2021 by planting the Millionth tree at Capgemini Airoli campus



**Uniqueness of the Project**

- Multi stakeholder Partnership – WWF India, IAHV, SSRVM Trust and Department of Forest in various states
- Environment & community is key focus– 500 hectares of urban and rural land in multiple patches. The plantation was carried out in multi-purpose landscapes (forests, farms, urban and public areas, etc.) where the planted trees provide social, economic and environment benefits to stakeholders
- Employees wellbeing on priority – 127,000+ trees will be planted in and around office campuses
- Employee Engagement – campaign, mobilisation of employees for plantation . CEEDS microsite was launched to track this campaign end to end.
- Climate change – Third party UN approved agency to provide carbon offset assurance

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## TANGIBLE & INTANGIBLE BENEFITS

- Improving the quality of the natural environment
- Increased biodiversity & Low run-off and soil erosion
- Increase in regional green cover
- Reduction of resource dependency on forests

- Micro-climate Regulation
- Employment Generation
- Food and nutritional security
- Populating local species



### Mission Million Trees: Planting the seeds of a greener future



**THE VISION**  
Cappgemini to achieve carbon neutrality by 2025 and become a net zero business by 2030



**THE MISSION: MISSION MILLION TREES**  
Cappgemini India CSR team's initiative to create a greener, more sustainable future



**THE GOAL**  
Planted **1,000,000** saplings across India by 2021



**ONETEAM ONEMISSION**  
Collaborative effort by Cappgemini leaders, colleagues, clients and partners



**DREAM TO REALITY, A JOURNEY OF 400 DAYS**

**August 15, 2020**  
The first sapling planted at the Cappgemini campus, Mumbai



**NUMBER OF SPECIES**  
**70+** different variety of saplings (native and fruit trees)

**August 30, 2021**  
The millionth sapling planted at the Cappgemini campus, Mumbai

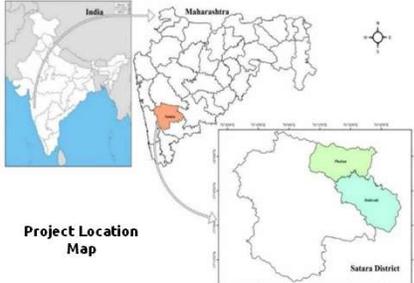
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## REPLICATION POTENTIAL

Projects involving plantations have a great chance of being replicated since they can be crucial in addressing climate change challenges. By committing to join the WEF's Trillion Trees Movement in February 2021, Cappgemini Group has promised to save, maintain, and nurture one trillion trees globally in order to mitigate these risks.

In Baramati, Maharashtra, we have already begun to undertake planting 1.5 Million trees.





**Project Location Map**



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## TACKLING CHALLENGES

Challenges	Solutions
Survival of the sapling due to extreme weather	Sapling are chosen based on the weather condition
Water availability	Using micro-irrigation, natural inputs, & promoted solar pumps wherever possible for plantation and maintenance
Soil quality	Adopted sustainable agriculture principles (ex. organic manure; leveraging intercropping subsidies) , for plantation and maintenance
Coordination and liaison between various parties, including government representatives, farmers in the area, school administrators, etc.	To manage this, local NGOs have been given support.

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## ACHIEVING NATIONAL BENCHMARKS ALIGNING WITH SDG

**Under its commitment for achieving zero emission well ahead of 2050, Capgemini designed and implemented Mission Million Trees project**

**The project will also help the country in meeting the target of nationally determined contribution (NDC) and several of the Sustainable Development Goal (SDG) Targets**

	Provide livelihood opportunities
	Food security and improved nutrition and promote sustainable agriculture
	Empowering women to gain access to food, be providers, and lead their families
	Plantation and related management and monitoring activities supports the local economy and create jobs.
	Urban trees provides priceless oxygen, absorbs carbon dioxide, and thus help making city sustainable and mitigating climate change.
	Help combat climate change and its impacts
	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

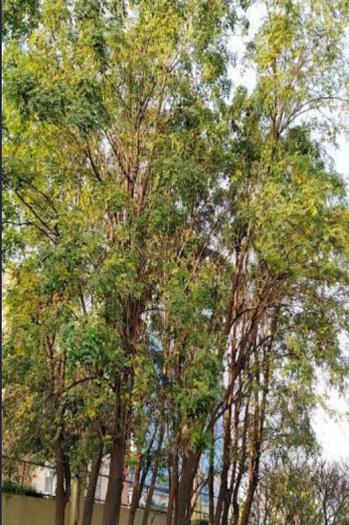
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## MAJOR LEARNINGS FROM THE PROJECT IMPLEMENTATION

- It was estimated that sequestration will begin from 4th year onwards when minimum woody component of trees with DBH of 5 cm or above would be achieved. A feasibility study been carried out for estimating the carbon sequestration potential of the plants under two scenarios
- Sapling selection is very crucial for successful project implementation
- Skilled partners, training and awareness to concerned people is key to drive for project
- Regular connect with Partners, community, government officials are always helpful to improve techniques and project planning



## SEQUESTRATION POTENTIAL OF MMT PROJECT

Scenario A1 (70% survival capacity)

- 2040 - 1,82,228 tCO<sub>2</sub>e
- 2030 - 79,411 tCO<sub>2</sub>e
- 2025 - 28,003 tCO<sub>2</sub>e

Scenario A2 (100% survival capacity)

- 2040 - 2,60,790 tCO<sub>2</sub>e,
- 2030 - 1,13,908 tCO<sub>2</sub>e
- 2025 - 40,468 tCO<sub>2</sub>e

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## PRIORITY PLAN

### Get The Internationally Recognized Certification

- Reduce carbon footprint and contributing to the global fight against climate change by getting certified by internationally recognized entities
- Ensure the project's compliance with high-quality standards and requirements such as transparency, verification, stakeholder involvement, and sustainability
- Showcase project's achievements and impact in terms of carbon sequestration, biodiversity conservation, and community empowerment

### Strengthen The Project Through Capacity Building

- Enhance the skills and knowledge of the project team and stakeholders on best practices and techniques
- Provide training and mentoring to the project team and stakeholders on how to plan, implement, monitor, and evaluate tree plantation activities that maximize carbon sequestration, biodiversity conservation, soil quality enrichment, and community empowerment
- Build the capacity of the project team and stakeholders to effectively manage and sustain the associated activities

### Nursery Raising

- Establish and maintain a nursery that produces high-quality saplings of native species that are suitable for the local soil and climate conditions, based on scientific research and consultation
- Foster community participation and ownership in the tree plantation process by establishing and operating nurseries that are managed and maintained by the community members, who will also benefit from the income and employment opportunities generated by the nurseries

### Knowledge And Awareness Generation

- Disseminate information and insights on the benefits and challenges of tree plantation
- Educate and inform the stakeholders on
  - The importance and value of tree plantation
  - The best practices and techniques for measuring carbon sequestration
  - Assessing biodiversity
  - Improving soil quality
  - Engaging communities

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## BEST PRACTICES



- 1 **Project Monitoring through technology:** A microsite has been created <https://ceeds.capgemini.com/> where trees plantation is mapped through its google coordinates
- 2 Plantation of 1 million native and fruit bearing trees to conserve the natural resource base and protect the native biodiversity
- 3 Stakeholder engagement were an integral part of this plantation campaign. In order to have a holistic approach in promoting and upscaling the plantation activities, community participation and ownership was the key factor
- 4 To encourage farmers and citizen participation in developing the forest
- 5 Utilization of barren land for tree plantation to improve soil and water conservation
- 6 Educating local community, school children on the criticality of climate change and aware them about how tree plantation can make difference

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### About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of over 325,000 team members more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2021 global revenues of €18 billion.

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