



Project Implementation Report

(1 July 2023 – 30 June 2024)

Project Title:	Promoting Energy Efficiency and Renewable Energy in Selected Micro SME Clusters in India
GEF ID:	3553
UNIDO ID:	103029
GEF Replenishment Cycle:	GEF-4
Country(ies):	India
Region:	SA - Southeast Asia
GEF Focal Area:	Climate Change Mitigation (CCM)
Integrated Approach Pilot (IAP) Programs¹:	N/A
Stand-alone / Child Project:	Stand-alone Project
Implementing Department/Division:	ENE / ESI
Co-Implementing Agency:	N/A
Executing Agency(ies):	Bureau of Energy Efficiency (BEE)
Project Type:	Full-Sized Project (FSP)
Project Duration:	60
Extension(s):	6
GEF Project Financing:	USD 7,172,098
Agency Fee:	USD 727,000
Co-financing Amount:	USD 26,200,000
Date of CEO Endorsement/Approval:	2/1/2011
UNIDO Approval Date:	3/14/2011
Actual Implementation Start:	4/11/2011
Cumulative disbursement as of 30 June 2024:	USD 6,706,725.94
Mid-term Review (MTR) Date:	1/2/2018
Original Project Completion Date:	12/31/2015
Project Completion Date as reported in FY23:	12/31/2022
Current SAP Completion Date:	12/31/2022

¹ Only for GEF-6 projects, if applicable

Expected Project Completion Date:	12/31/2022
Expected Terminal Evaluation (TE) Date:	4/26/2023
Expected Financial Closure Date:	12/31/2024
UNIDO Project Manager²:	Sanjaya Shrestha

I. Brief description of project and status overview

Project Objective
<p>The project aims to develop and promote a market environment for introducing energy efficient (EE) technologies and enhancing the use of renewable energy (RE) technologies in process applications in 5 sectors (ceramic production, hand tool production, foundries, brass production, and dairy production). The project further envisions scaling up the activities to a national level in order to reduce energy use per unit of product, improve the productivity and competitiveness of units, thereby reducing the overall carbon emissions and improving the local environment.</p>
Project Components:
<p>The project has been working at cluster levels, as well as a policy level to achieve its aim. It has the following components:</p> <ul style="list-style-type: none"> • Increased capacity of suppliers of energy efficiency/renewable energy product suppliers/ service providers/ finance providers. • Increasing the level of end-user demand and implementation of energy efficiency and renewable energy technologies and practices by MSMEs. • Scaling up of the project to a national level and strengthening policy, institutional and decision-making frameworks • Desired Outcome of the Project: • Creating a scope for energy savings, by increasing the level of end-user demand and implementation of energy efficiency and renewable energy technologies and practices by MSMEs. • Encouraging the use of renewable energy in various industrial applications. • Improve the productivity and competitiveness of units. • Reduce overall carbon emissions and improve the local environment. <ol style="list-style-type: none"> I. Annual GHG emission reduction (CO₂eq) - 84,700 tonnes saved per year as a direct result of this project II. Cumulative GHG emission reduction (CO₂eq) - 1,270,500 tonnes saved over a 15 years lifetime of EE measures introduced III. Quantity of energy saved - 276,600 MWh per year as a direct result of this project IV. Volume of investments in EE/RE technologies-USD 16 million

Baseline
<p>Under the baseline, investments in energy efficiency will be drastically limited within these sectors because of the lack of existing EE and RE technologies available in the market geared towards MSMEs. Because these technologies are not currently available, it is likely that only some level of best operating practices would be the indirect result of other projects geared towards energy efficiency in industry in India. It is estimated that among MSMEs where best-operating practices were identified as a potential source of saving, 20% would utilise these best practices.</p> <p>Even if some of the investments materialize without GEF support, they are expected to take longer to be implemented (relative to the alternative scenario below, with GEF intervention). This would require</p>

² Person responsible for report content

investment by the local service providers or other entrepreneurs, which is not currently expected.

Greenhouse gas reductions: The greenhouse gas reductions under the baseline scenario for the companies within the 5 sectors addressed in this programme would be approximately 3,900 tonnes of CO₂e per year – with reductions of 59,000 tonnes over a 15-year period.

Please refer to the explanatory note at the end of the document and select corresponding ratings for the current reporting period, i.e. FY24. Please also provide a short justification for the selected ratings for FY24.

In view of the GEF Secretariat's intent to start following the ability of projects to adopt the concept of adaptive management³, Agencies are expected to closely monitor changes that occur from year to year and demonstrate that they are not simply implementing plans but modifying them in response to developments and circumstances or understanding. In order to facilitate with this assessment, please introduce the ratings as reported in the previous reporting cycle, i.e. FY23, in the last column.

Overall Ratings ⁴	FY24	FY23
Global Environmental Objectives (GEOs) / Development Objectives (DOs) Rating	<i>Moderately Satisfactory (MS)</i>	<i>Moderately Satisfactory (MS)</i>
<i>The project is operationally completed and in the process of financial closure.</i>		
Implementation Progress (IP) Rating	<i>Satisfactory (S)</i>	<i>Satisfactory (S)</i>
<i>The project is operationally completed and in the process of financial closure.</i>		
Overall Risk Rating	<i>Moderate Risk (M)</i>	<i>Moderate Risk (M)</i>
<i>The project is operationally completed and in the process of financial closure.</i>		

II. Targeted results and progress to-date

Please describe the progress made in achieving the outputs against key performance indicator's targets in the project's **M&E Plan/Log-Frame at the time of CEO Endorsement/Approval**. Please expand the table as needed.

[Project ended on 31st December 2022.](#)

Project Strategy	KPIs/Indicators	Target level	Progress in FY24
Output 1.1: EE/RE technologies that are adjusted for local needs introduced to the local market in 5 energy intensive MSME sectors.	<ul style="list-style-type: none"> Detailed techno-economic studies at the unit (MSME) level to determine feasible options for EE and RE through improvements in technologies and operating practices. Adjustment of existing technologies for the introduction of at least 12 emerging/ improved EE/RE 	<ul style="list-style-type: none"> Detailed techno-economic studies at the unit (MSME) level Introduction of at least 12 emerging/improved EE/RE technologies Documentation of the benefits (energy savings, quality improvement, GHG reduction etc.) At least 16 awareness workshops to showcase the results of technology demonstrations 	

³ Adaptive management in the context of an intentional approach to decision-making and adjustments in response to new available information, evidence gathered from monitoring, evaluation or research, and experience acquired from implementation, to ensure that the goals of the activity are being reached efficiently

⁴ Please refer to the explanatory note at the end of the document and assure that the indicated ratings correspond to the narrative of the report

	<p>technologies and/or Best Operating Practices to be introduced.</p> <ul style="list-style-type: none"> • Documentation of the benefits (energy savings, quality improvement, GHG reduction etc.) in the demonstration and replication units (prepare one case study for each sector. • At least 16 awareness workshops to showcase the results of technology demonstrations (conduct at least 2 awareness workshops per cluster in the Foundries and Brass clusters, and 2 total awareness workshops in each of the other sectors – Hand tools, Ceramics, and Dairy) 		
Output 1.2: Increased ability of Local Service Providers (EE and RE product and service suppliers) to provide assistance and advice to MSMEs within the sectors	<ul style="list-style-type: none"> • 15 Local Service Providers/industry associations in 12 clusters identified for training and assistance in implementing the new technologies/Best Operating Practices. • 200 Detailed Project Reports prepared for MSMEs by Local Service Providers in 12 clusters. • 24 product and service providers operating in each cluster actively marketing EE/RE products. (up from 4 currently). 	<ul style="list-style-type: none"> • 15 Local Service Providers/industry associations in 12 clusters • 200 Detailed Project Reports • 24 product and service providers operating 	
Output 1.3: Increased ability of local industry associations to provide assistance and advice to MSMEs within the clusters with the establishment/enhancement of "Cluster level energy management cells".	<ul style="list-style-type: none"> • Implementation of 12 "Energy Management Cells" within cluster-level industry associations/other cluster-level institutions for carrying out EE/RE assistance in their respective clusters. • Needs assessments for these 12 institutions for the implementation of Energy Management Cells within them. • Strengthening of these 12 "Energy Management Cells" by providing material support (energy audit tools) and soft support (knowledge and training) 	<ul style="list-style-type: none"> • Needs assessments of 12 institutions for the implementation of EMC • Strengthening of these 12 "Energy Management Cells" • Templates and examples for the financial assessment 	
Output 1.4: Enhanced financing opportunities for EE/RE projects and implementation measures.	<ul style="list-style-type: none"> • Templates and examples for financial assessment of EE/RE projects developed for use in training and dissemination • Banking/investor experts in 5 banks/financial institutions trained in the assessment of bankable projects and support mechanisms 	<ul style="list-style-type: none"> • Templates and examples for the financial assessment • Banking/investor experts in 5 banks/financial institutions training 	
Output 2.1: Increased demand for EE/RE products/services and increased ability to apply for financing among the units in the 5-energy intensive MSME sectors for EE/RE technologies.	<ul style="list-style-type: none"> • Ongoing awareness generation/ training programmes for entrepreneurs – at least 50 awareness workshops conducted to reach 1200 or 	<ul style="list-style-type: none"> • Ongoing awareness generation/ training programmes for entrepreneurs at least 50 awareness workshops to reach 1200 participants • 29 total Pilot Demo Projects • 200 bankable Detailed Project Reports 	

	<p>more entrepreneurs as well as four national-level project conferences conducted.</p> <ul style="list-style-type: none"> • In consultation with industry associations, choosing MSMEs and implementing joint partnerships including adapted technologies and Best Operating Practices (“case studies”) in each of the 5 sectors with local producers of EE/RE technologies (Local Service Providers) and MSMEs – 29 total projects implemented with handholding of these 29 units to ensure optimal deployment of improved technologies and to build confidence and capabilities. • The development of around 200 bankable Detailed Project Reports which can be used for investment decisions • A total of 120 EE/RE measures implemented in the 12 clusters. • At least 100 applications for financial assistance (loan/investments) submitted by MSMEs with 36 additional funded 	<ul style="list-style-type: none"> • A total of 120 EE/RE projects implemented in the 12 clusters • At least 100 applications for financial assistance (loans/investments) 	
Output 2.2: Increased awareness and implementation of Best Operating Practices for energy management and EE/RE technologies in MSMEs in 12 energy intensive MSME clusters.	<ul style="list-style-type: none"> • At least 500 experts, engineers, and staff trained in RE/EE technology basics and Best Operating Practices and at least 250 implementing Best Operating Practices during the complete project cycle. 	<ul style="list-style-type: none"> • At least 500 experts, engineers, and staff trained in RE/EE technology basics 	
Output 3.1: Cooperation and synergies established and enhanced within the project clusters through information sharing on best practices and joint workshops	<ul style="list-style-type: none"> • At least 7 study tours/exchange visits carried out under a 'knowledge exchange program to share lessons and experiences among the various clusters. • Existing web-sites in foundry and dairy sectors strengthened to include more information on EE/RE technologies and Best Operating Practices. 	<ul style="list-style-type: none"> • At least 7 study tours/exchange visits • web-sites 	
Output 3.2: Expansion of the project to affect new clusters at a later date throughout the country	<ul style="list-style-type: none"> • Preparation of Project Proposals for EE/RE projects (similar to this one) in MSME clusters not covered in this project. (4 new Foundry clusters, the Ludhiana Hand Tools cluster, 1 more Ceramics cluster in India, 1 more Brass cluster, 1 more Dairy cluster). • Preparation of more detailed information booklets for each of the 5 sectors on the technologies, returns on investment, etc 	<ul style="list-style-type: none"> • Preparation of Project Proposals for EE/RE projects (similar to this one) in MSME clusters • Preparation of more detailed information material (brochures, booklets) 	
Output 4.1: Improved monitoring and evaluation of energy use and development of a benchmarking	<ul style="list-style-type: none"> • At least 24 detailed energy audits conducted in various sectors including investment options, payback periods, 	<ul style="list-style-type: none"> • At least 24 detailed energy audits conducted • At least 12 detailed cluster-level energy use database and Benchmarking 	

system	<ul style="list-style-type: none"> current barriers to implementation, and energy use/CO2eq emissions prevented from the technologies/practices. At least 12 detailed cluster-level energy use databases prepared (one for each cluster); these would form the basis of benchmarking systems A survey conducted on locally available biomass resources and sustainability of biomass supply determined. (In the Foundry and Brass Sectors) Sustainability standards developed for biomass use 	<ul style="list-style-type: none"> A survey conducted on locally available biomass resources Sustainability standards developed for biomass use. 	
Output 4.2: Mainstreaming EE and RE into national policies and programmes on MSMES Development	<ul style="list-style-type: none"> Detailed report prepared on the policy and regulatory framework needed to accelerate the diffusion of energy-efficient and renewable energy technologies in the 5MSME sectors. The report will also discuss improved RE options and related policy issues, and issues related to supply of piped NG in the clusters. Roadmap prepared for strengthening energy efficiency on end use and supply side, based on interactions with existing cluster level associations, other institutions at the cluster level with BEE, MoMSME & MNRE. The roadmap will specifically relate to state level programs where these clusters are located 	<ul style="list-style-type: none"> Detailed report prepared on the policy and regulatory framework Roadmap prepared for strengthening energy efficiency on end use and supply side 	

III. Project Risk Management

1. Please indicate the overall project-level risks and the related risk management measures: (i) as identified in the CEO Endorsement document, and (ii) progress to-date. Please expand the table as needed.

Describe in tabular form the risks observed and priority mitigation activities undertaken during the reporting period in line with the project document. Note that risks, risk level and mitigations measures should be consistent with the ones identified in the CEO Endorsement/Approval document. Please also consider the project's ability to adopt the adaptive management approach in remediating any of the risks that had been sub-optimally rated (H, S) in the previous reporting cycle.

	(i) Risks at CEO stage	(i) Risk level FY 23	(i) Risk level FY 24	(i) Mitigation measures	(ii) Progress to-date	New defined risk ⁵
1	Technical risk: EE and RE technologies for	Modest risk (M)	Modest risk (M)	This risk must be balanced against a substantial potential to achieve efficiency breakthroughs		<input type="checkbox"/>

⁵ New risk added in reporting period. Check only if applicable.

	enhancing efficiency and meeting growing energy needs of MSMEs and improving them Competitiveness are not mature yet.			and a substantial enhancement of the share of renewable energy. In adapting the technologies, great attention will be paid to the development process and initial implementation of case studies. This approach has been well demonstrated in the U.S., Europe, and China.		
2	Economic risk: Increased investments on EE and RE technologies are not sufficiently economically attractive.	Low risk (L)	Low risk (L)	This risk will be tracked by a detailed evaluation of payback periods for each technology which is adapted according to different fuel price scenarios. The risk will be mitigated by ensuring that the initial evaluations of the potential for savings are sufficient to warrant investment and replication, and re-checked as the adaptation and market introduction takes place		<input type="checkbox"/>
3	Market risk: Increased investments on EE and RE technologies do not provide higher returns as well as development of markets	Modest risk (M)	Modest risk (M)	This project will address both supply and demand side barriers to promote technically feasible and economically viable EE/RE options that offer attractive Return on Investments (ROI). Simultaneously, the project will facilitate financing of these EE/RE options.		<input type="checkbox"/>
4	Financial risks: MSMEs involved in Demonstration of improved energy efficiencies and Renewable energies are not able to make bankable projects or attract required finances from the financial institutions.	Low risk (L)	Low risk (L)	While a lack of investment capital in absolute terms is very unlikely, it is possible that banks/investors will shy away from what are perceived as "new technologies" in the MSME sector, which already has some problems related to financial reporting and obtaining credit. However, this is actually a crucial barrier to industrial development that must be addressed. The risk is deemed as low because of existing commitments by SIDBI and IREDA which will at least be sufficient to initiate the market. The project will address the risk by working closely with investors/banks from the outset of the project.		<input type="checkbox"/>
5	Policy risk: Fall in electricity /fossil fuel prices.	Low risk (L)	Low risk (L)	Electricity demand has been increasing at higher pace than production for the past 10 years, and the trend in fossil fuel prices is upwards.		<input type="checkbox"/>

6	Policy risk: Supportive policy framework not in place or implemented	Low risk (L)	Low risk (L)	The Government of India has accorded priority to EE and RE technologies measures in SME sector, and BEE is already working towards this.		
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2. If the project received a **sub-optimal risk rating (H, S)** in the previous reporting period, please state the **actions taken** since then to mitigate the relevant risks and improve the related risk rating. Please also elaborate on reasons that may have impeded any of the sub-optimal risk ratings from improving in the current reporting cycle; please indicate actions planned for the next reporting cycle to remediate this.

Not applicable

3. Please clarify if the project is facing delays and is expected to request an **extension**.

N/A

4. Please provide the **main findings and recommendations of completed MTR**, and elaborate on any actions taken towards the recommendations included in the report.

N/A, project closed

IV. Environmental and Social Safeguards (ESS)

1. As part of the requirements for **projects from GEF-6 onwards**, and based on the screening as per the UNIDO Environmental and Social Safeguards Policies and Procedures (ESSPP), which category is the project?

- Category A project
- Category B project
- Category C project

(By selecting Category C, I confirm that the E&S risks of the project have not escalated to Category A or B).

Notes on new risks:

- *If new risks have been identified during implementation due to changes in, i.e. project design or context, these should also be listed in (ii) below.*
- *If these new/additional risks are related to Operational Safeguards # 2, 3, 5, 6, or 8, please consult with UNIDO GEF Coordination to discuss next steps.*
- *Please refer to the UNIDO [Environmental and Social Safeguards Policies and Procedures \(ESSPP\)](#) on how to report on E&S issues.*

Please expand the table as needed.

	E&S risk	Mitigation measures undertaken during the reporting period	Monitoring methods and procedures used in the reporting period
(i) Risks identified in ESMP at time of CEO Endorsement	N/A	N/A	N/A

(ii) New risks identified during project implementation (if not applicable, please insert 'NA' in each box)	N/A	N/A	N/A
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V. Stakeholder Engagement

1. Using the previous reporting period as a basis, please provide information on **progress, challenges and outcomes** regarding engagement of stakeholders in the project (based on the Stakeholder Engagement Plan or equivalent document submitted at CEO Endorsement/Approval).

The project is operationally completed and in the process of financial closure.

2. Please provide any feedback submitted by national counterparts, GEF OFP, co-financiers, and other partners/stakeholders of the project (e.g. private sector, CSOs, NGOs, etc.).

The project is operationally completed and in the process of financial closure.

3. Please provide any **relevant stakeholder consultation** documents.

The project is operationally completed and in the process of financial closure.

VI. Gender Mainstreaming

1. Using the previous reporting period as a basis, please report on the **progress achieved on implementing gender-responsive measures and using gender-sensitive indicators**, as documented at CEO Endorsement/Approval (in the project results framework, gender action plan or equivalent),.

The project is operationally completed and in the process of financial closure.

VII. Knowledge Management and Communication

1. Using the previous reporting period as a basis, please elaborate on any **knowledge management and communication activities / products**, as documented at CEO Endorsement / Approval.

The project is operationally completed and in the process of financial closure.

2. Please list any **relevant knowledge management and communication mechanisms / tools** that the project has generated.

The project is operationally completed and in the process of financial closure.

VIII. Implementation progress

1. Using the previous reporting period as a basis, please provide information on **progress, challenges and outcomes achieved/observed** with regards to project implementation.

The project is operationally completed and in the process of financial closure.

2. Please briefly elaborate on any **minor amendments**⁶ to the approved project that may have been introduced during the implementation period or indicate as not applicable (NA).

Please tick each category for which a change has occurred and provide a description of the change in the related textbox. You may attach supporting documentation, as appropriate.

<input type="checkbox"/>	Results Framework	
<input type="checkbox"/>	Components and Cost	
<input type="checkbox"/>	Institutional and Implementation Arrangements	
<input type="checkbox"/>	Financial Management	
<input type="checkbox"/>	Implementation Schedule	
<input type="checkbox"/>	Executing Entity	
<input type="checkbox"/>	Executing Entity Category	
<input type="checkbox"/>	Minor Project Objective Change	
<input type="checkbox"/>	Safeguards	
<input type="checkbox"/>	Risk Analysis	
<input type="checkbox"/>	Increase of GEF Project Financing Up to 5%	
<input type="checkbox"/>	Co-Financing	
<input type="checkbox"/>	Location of Project Activities	
<input type="checkbox"/>	Others	

3. Please provide progress related to the **financial implementation** of the project.

⁶ As described in Annex 9 of the *GEF Project and Program Cycle Policy Guidelines*, **minor amendments** are changes to the project design or implementation that do not have significant impact on the project objectives or scope, or an increase of the GEF project financing up to 5%.



Grant Delivery Report

Sponsor	400150 - GEF - Global Environment Facility	Fund	GF	Reporting Period	11.04.2011 - 30.06.2024
Grant	200000251	Grant Status	Operationally completed	Grant Validity	11.04.2011 - 31.12.2022
Other Reference	3553-U3-PJ-FS-GR-01	Currency	USD	Prepared on	29.07.2024
Project	103029	PROMOTING ENERGY EFFICIENCY AND RENEWABLE ENERGY IN SELECTED MICRO, SMALL AND MEDIUM ENTERPRISES (MSME) CLUSTERS IN INDIA			

Project	Budget Line	Description	Total Budget (a)	Released Budget (b)	Obligations (c)	Disbursements (d)	Expenditures (e=c+d)	Funds Available* (f=b-e)	Support Cost (g)	Total Expenditures (h=e+g)
103029	1100	Staff & Intern Consultants	0.00	0.00	0.00	20.45	20.45	(20.45)	0.00	20.45
	1500	Local Travel	0.00	0.00	(1,002.23)	1,020.55	18.32	(18.32)	0.00	18.32
	1600	Staff Travel	0.00	0.00	(0.02)	(1,036.97)	(1,036.99)	1,036.99	0.00	(1,036.99)
	1700	Nat. Consult./Staff	0.00	0.00	(11.48)	20.12	8.64	(8.64)	0.00	8.64
	2100	Contractual Services	0.00	0.00	(248,193.19)	30,065.03	(218,128.16)	218,128.16	0.00	(218,128.16)
	3000	Train/Fellowship/Study	0.00	0.00	(282.55)	0.00	(282.55)	282.55	0.00	(282.55)
	4300	Premises	0.00	0.00	(86.45)	0.00	(86.45)	86.45	0.00	(86.45)
	4500	Equipment	0.00	0.00	(4,147.62)	(9,207.92)	(13,355.54)	13,355.54	0.00	(13,355.54)
	5100	Other Direct Costs	0.00	0.00	(1,205.67)	(1,136.51)	(2,342.18)	2,342.18	0.00	(2,342.18)
	9300	Support Cost	0.00	0.00	0.00	0.00	0.00	0.00	(23,518.31)	(23,518.31)
103029			0.00	0.00	(254,929.21)	19,744.75	(235,184.46)	235,184.46	(23,518.31)	(258,702.77)
Grant Total			0.00	0.00	(254,929.21)	19,744.75	(235,184.46)	235,184.46	(23,518.31)	(258,702.77)

* Does not include Unapproved Obligations

IX. Work Plan and Budget

1. Please provide an updated project work plan and budget for the remaining duration of the project, as per last approved project extension. Please expand/modify the table as needed.

The project is operationally completed and in the process of financial closure.

X. Synergies

1. Synergies achieved:

The project is operationally completed and in the process of financial closure.

3. Stories to be shared (Optional)

The project is operationally completed and in the process of financial closure.

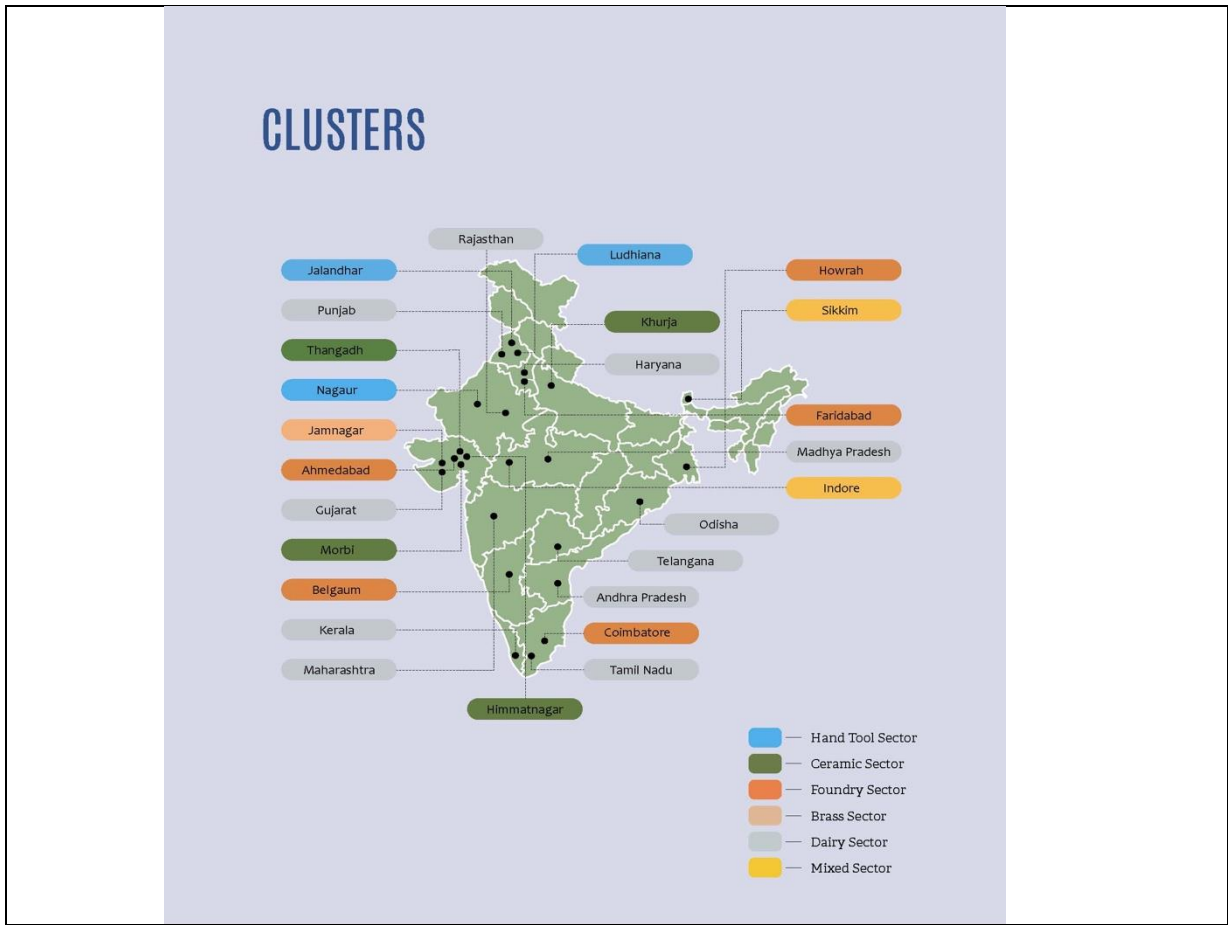
XI. GEO LOCATION INFORMATION

The Location Name, Latitude and Longitude are required fields insofar as an Agency chooses to enter a project location under the set format. The Geo Name ID is required in instances where the location is not exact, such as in the case of a city, as opposed to the exact site of a physical infrastructure. The Location & Activity Description fields are optional. Project longitude and latitude must follow the Decimal Degrees WGS84 format and Agencies are encouraged to use at least four decimal points for greater accuracy. Users may add as many locations as appropriate. Web mapping applications such as [OpenStreetMap](#) or [GeoNames](#) use this format. Consider using a conversion tool as needed, such as: <https://coordinates-converter.com> Please see the Geocoding User Guide by clicking [here](#)

Location Name	Latitude	Longitude	Geo Name ID	Location and Activity Description
Thangadh	22.5	71.2	1254675	Implementation of 308 EE & RE projects with an energy saving of 21,082 MWh/yr and annual GHG emission reduction of 13,155 t CO ₂
Coimbatore	11.01	76.57	1273865	Implementation of 253 EE & RE projects with an energy saving of 18,422 MWh/yr and annual GHG emission reduction of 15,563 t CO ₂
Jalandhar	31.19	75.34	1268782	Implementation of 208 EE & RE projects with an energy saving of 8,881 MWh/yr and annual GHG emission reduction of 4,415 t CO ₂
Jamnagar	22.28	70.40	1269317	Implementation of 146 EE & RE projects with an energy saving of 12,231 MWh/yr and annual GHG emission reduction of 4,030 t CO ₂
Morbi	22.48	70.49	1262775	Implementation of 63 EE & RE projects with an energy saving of 23,138 MWh/yr and annual GHG emission reduction of 9,066 t CO ₂
Belgaum	16.20	74.45	1276534	Implementation of 145 EE & RE projects with an energy saving of 10,245 MWh/yr and annual GHG emission reduction of 7,746 t CO ₂
Gujarat, Ahmedabad	23.1	72.35	1279233	Implementation of 159 EE & RE projects with an

				energy saving of 88,349 MWh/yr and annual GHG emission reduction of 45,629 t CO ₂
Kerala, Thiruvananthapuram	8.29	76.56	1254163	Implementation of 28 EE & RE projects with an energy saving of 4,839 MWh/yr and annual GHG emission reduction of 2,032 t CO ₂

Please provide any further geo-referenced information and map where the project interventions is taking place as appropriate.



EXPLANATORY NOTE

1. **Timing & duration:** Each report covers a twelve-month period, i.e. 1 July 2023 – 30 June 2024.
2. **Responsibility:** The responsibility for preparing the report lies with the project manager in consultation with the Division Chief and Director.
3. **Evaluation:** For the report to be used effectively as a tool for annual self-evaluation, project counterparts need to be fully involved. The (main) counterpart can provide any additional information considered essential, including a simple rating of project progress.
4. **Results-based management:** The annual project/programme progress reports are required by the RBM programme component focal points to obtain information on outcomes observed.

Global Environmental Objectives (GEOs) / Development Objectives (DOs) ratings	
Highly Satisfactory (HS)	Project is expected to achieve or exceed <u>all</u> its major global environmental objectives, and yield substantial global environmental benefits, without major shortcomings. The project can be presented as “good practice”.
Satisfactory (S)	Project is expected to <u>achieve most</u> of its <u>major</u> global environmental objectives, and yields satisfactory global environmental benefits, with only minor shortcomings.
Moderately Satisfactory (MS)	Project is expected to <u>achieve most</u> of its major <u>relevant</u> objectives but with either significant shortcomings or modes overall relevance. Project is expected not to achieve some of its major global environmental objectives or yield some of the expected global environmental benefits.
Moderately Unsatisfactory (MU)	Project is expected to achieve <u>some</u> of its major global environmental objectives with major shortcomings or is expected to <u>achieve only some</u> of its major global environmental objectives.
Unsatisfactory (U)	Project is expected <u>not</u> to achieve <u>most</u> of its major global environmental objectives or to yield any satisfactory global environmental benefits.
Highly Unsatisfactory (HU)	The project has failed to achieve, and is not expected to achieve, <u>any</u> of its major global environmental objectives with no worthwhile benefits.

Implementation Progress (IP)	
Highly Satisfactory (HS)	Implementation of <u>all</u> components is in substantial compliance with the original/formally revised implementation plan for the project. The project can be presented as “good practice”.
Satisfactory (S)	Implementation of <u>most</u> components is in substantial compliance with the original/formally revised plan except for only few that are subject to remedial action.
Moderately Satisfactory (MS)	Implementation of <u>some</u> components is in substantial compliance with the original/formally revised plan with some components requiring remedial action.
Moderately Unsatisfactory (MU)	Implementation of <u>some</u> components is <u>not</u> in substantial compliance with the original/formally revised plan with most components requiring remedial action.
Unsatisfactory (U)	Implementation of <u>most</u> components in <u>not</u> in substantial compliance with the original/formally revised plan.
Highly Unsatisfactory (HU)	Implementation of <u>none</u> of the components is in substantial compliance with the original/formally revised plan.

Risk ratings	
Risk ratings will assess the overall risk of factors internal or external to the project which may affect implementation or prospects for achieving project objectives. Risk of projects should be rated on the following scale:	
High Risk (H)	There is a probability of greater than 75% that assumptions may fail to hold or materialize, and/or the project may face high risks.
Substantial Risk (S)	There is a probability of between 51% and 75% that assumptions may fail to hold or materialize, and/or the project may face substantial risks.
Moderate Risk (M)	There is a probability of between 26% and 50% that assumptions may fail to hold or materialize, and/or the project may face only moderate risk.
Low Risk (L)	There is a probability of up to 25% that assumptions may fail to hold or materialize, and/or the project may face only low risks.