Project Progress Update Report

GEF ID: 4927
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Notes:
**Except for "Progress to-date FY 2018", please fill in the information of the first 3 columns as per the CEO Endorsement Document.*
***Please add / delete rows as appropriate*

Project Strategy*	KPIs/Indicators*	Target level*	Progress to-date (FY 2017-2018)
Component 1 – Innovation Ecosystem for selecting technology innovators and instituting competitive awards and policy incentives			
Outcome 1.1: Collaboration between government agencies, industry, innovators, the research community, financing institutions, and technology experts in the field of innovative low carbon technologies strengthened			
Output 1.1.1: Expert Panels instituted for three selected technology areas namely low-grade industrial waste heat recovery (WHR), space conditioning (HVAC, cold storage) and pumping (agricultural)	Number of challenge competitions that are with at least two winning entries for each area meeting the technical specifications (gender-disaggregated)	Create approximately 20 challenge competitions that are able to attract at least two winning entries for each area, meeting the technical specifications)	- Experts panels were constituted for all the three technology verticals; - Two rounds of consultations were held with the expert panel members for each technology vertical and terms of reference of 3 innovation challenge and selection criteria was developed and finalized; - With the approval of Bureau of Energy Efficiency, the 1st innovation challenge on Waste Heat Recovery was launched on 1st November 2017;
Output 1.1.2: Twenty Innovation Challenge competitions conducted, resulting in at least two winning entries for each area (120 winners in total;(20 competitions x 3 sectors x 2 winners)	Number of entities (Challenge winners) that accessed technical and advisory services under the project (gender-disaggregated)	Complete challenge cycle, from identification to announcement and testing, in 12 to 18 months. Approximately 120 entries (Challenge winners) that accessed technical and advisory services under the project	- Under the guidance of the WHR expert panel and BEE, the first the first WHR Innovation Challenge was launched in November 2017 and the selection of challenge was completed; - The 1st round of Innovation Challenge on Waste Heat Recovery received 44 applications that met the technical criteria of the challenge, out of which 5 were shortlisted for the final round of presentations to the expert panel and BEE.
Output 1.1.3: Financial institutions revalidated in	Number of Financial Institutions that	At least 3 Financial Institutions identified that	Meetings were held with two Financial Institutions – IDFC and Tata Cleantech Capital. Follow on discussions

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the inception phase and engaged to manage the funds and provide debt and equity to the participating entities.	provide debt and equity to the participating entities	provide debt and equity to the participating entries	are planned after completion of 1st round of innovation challenge when the winners are selected and financial support from FLCTD for technology demonstration is decided.
Outcome 1.2: Adoption of improved low-carbon technologies in the Indian economy, that would include reduced need for new energy generation capacity			
Output 1.2.1: Targeted innovation and technology development to meet identified low-carbon technology needs awarded	Allocation of awards to winners in trenches (gender-disaggregated)	Allocation of awards to winners in tranches- 50% success in innovation challenge, 30% meeting deployment-linked milestones, 20% legal and technical services for wining prototypes	- Guideline for financing innovations were developed and finalized in consultation with Procurement Unit, Expert Panel members and Bureau of Energy Efficiency (project counterpart)
Output 1.2.2: Approximately 120 low carbon innovations demonstrated and around one third of winning technology innovations (40) commercially scaled up and deployed as business models	- Number of entities participating in the competitions (not counting consortiums) (gender-disaggregated) - Number of commercially deployed carbon technology prototypes (gender-disaggregated)	Demonstration of around 120 low-carbon innovations that meet specifications of the challenges, at least 20-50% more efficient than the state-of-art available in the market, and 40 winning technology innovations	- Out of 5 shortlisted applications, 3 innovative technologies were selected by the expert panel as winners of the WHR innovation challenge;
Component 2 - Technical assistance for Technology Transfer Support Facility			
Outcome 2.1: Establishment of an innovation ecosystem for deployment support of low carbon technologies			

Project Strategy*	KPIs/Indicators*	Target level*	Progress to-date (FY 2017-2018)
2.1.1. Appropriate networks and centres for research and deployment of low-carbon technologies verified.	Number of networks and centres for research and deployment identified	Identify 5-10 networks and centres for research and deployment of different climate mitigation technologies	Planned in 2020
2.1.2. Technology Transfer Support Facility established, consisting of technology-specific, application-oriented Deployment Groups and a Technology Transfer Support Cell	Technology Transfer Support Facility is established	Technology Transfer Support Facility becomes fully operational At least 5 consultations / workshops held to promote participatory and inclusive approach	Planned in 2020
2.1.3 .Consultations/ workshops with international/ national experts, with documentation and dissemination of the Facility carried out	Number of consultations held to promote participatory and inclusive approach (women's associations have been consulted # and % of female/ male experts participated in the consultations/ workshops .	Targets for gender balance and women's empowerment will be defined during inception based on the baseline study	Planned in 2020