### **Initiation Plan**

Global Programme: Two countries in Asia and Africa

(Candidate countries: Bangladesh, Nepal, Ethiopia, Uganda)

Project Title: Access to Clean Energy for the Poor through Microfinance (CleanStart)

**Initiation Plan Start Date:** 

January 2012

Initiation Plan End Date:

June 2013

Implementing Partner:

**UNCDF** 

### **Brief Description**

CleanStart (2012-2017, \$US 26M) aims to increase poor people's access to sustainable, low-cost clean energy supplies through microfinance. To this end, UNCDF and UNDP will jointly support 18 FSPs in six countries across Asia and Africa to provide end-user finance for clean energy systems and services to 600,000 low-income households and micro-entrepreneurs. By end of the programme, CleanStart will have supported 2.5 million people move out of energy poverty. It is envisioned that CleanStart will create a replicable business model for wider scale-up across other developing countries.

Initially, CleanStart will support three FSPs across two countries in Asia and Africa over a span of 1 year and 6 months (\$US 1M). This will enable closer collaboration with FSPs and energy suppliers, as well as on-the-ground programming experience that provide practical insights for the programme as well as relevant energy access initiatives, such as the UN Secretary General's Sustainable Energy for All Initiative. The purpose of the initiation phase is to demonstrate proof of concept, document and communicate processes and lessons learned, and establish the project support structure. The results of the initiation phase will determine the expansion of the project to the additional four countries, and beyond.

Programme Period: January 2012 - June 2013

Atlas Award ID: 00059354

PAC Meeting Date: 14 December, 2011

Agreed by UNCDF:

Date:

Signature:

David Morrison, Executive Secretary UNCDF

Total resources required

Total allocated resources:

Regular(UNCDF)

US\$ 1,000,000\*

US\$ 1,000,000

US\$ 1,000,000

Other:

Donor

Donor

Donor

Government

Unfunded budget:

In-kind Contributions

\*This includes \$50,000 UNCDF regular resources

for project formulation

### I. PURPOSE

UN Capital Development Fund (UNCDF), together with the United Nations Development Programme (UNDP), has developed a programme that aims to assist poor households and microentrepreneurs to obtain access to sustainable, low-cost clean energy supplies through microfinance loans. This programme, called CleanStart for short, will support 18 FSPs across six countries in Asia and Africa to build capabilities to provide clean energy lending, backed by a policy environment and energy value chain that is focused on reaching the poor.

The estimated cost of CleanStart is US\$26.1 million over six years (2012-2017). The programme will be initially financed through UNCDF core resources (US\$1,000,000) to initiate the first stage of the programme which will support three FSPs in two pilot countries.

The purpose of the initiation phase is to create greater confidence in CleanStart by demonstrating proof of concept to prospective development partners, developing country governments and MFIs.

By the end of the initiation phase, CleanStart will demonstrate:

- Clear demand among microfinance clients, FSPs and energy technology/service providers.
- Incipient models of partnership between FSPs and energy suppliers.
- CleanStart is operational and highly visible and cited by key donors and policy makers as an innovative approach to financing energy access.
- CleanStart will have signed cooperation agreements with donors with non-core funding of at least US\$4m.
- Initial operations lessons learnt to support adaptation and effective scaling up of the programme beyond the initiation phase.
- UNCDF and UNDP's ability to effectively manage the programme and deliver results.

The above will be used as criteria to decide on continued support to the programme and expansion globally as achievement of the above will have demonstrated both the demand for CleanStart among poor clients, MFIs and donors, as well as demonstrate the capacity of UNCDF and UNDP to deliver the programme. This will lay the foundation to generate additional funding to support the roll-out the programme from the initial two pilot countries, to additional four pilot countries<sup>[1]</sup>, and beyond.

# II. EXPECTED OUTPUT

The initiation activities will be delivered through the four outputs of the overall CleanStart programme in two countries as follows:

- 1. **Finance for Clean Energy:** to strengthen capabilities of FSPs to provide microfinance for clean energy to low-income households and micro-entrepreneurs
  - a. Expression of Interest: Four countries will be short-listed from among the nine long-listed countries. These four countries include Bangladesh and Nepal in Asia, and Ethiopia and Uganda in Africa. Formal Expressions of Interest will be sought from FSPs across the four countries to assess the scale of demand and the level of ambitions.
  - b. <u>Awareness and Confidence Building:</u> Six FSPs will be invited to participate in a structured course of awareness and confidence building to expose FSPs to the potential value of clean energy finance for clients and FSPs. Participants will be able to openly and critically think through issues with peer groups, international experts, and

<sup>[1]</sup> Additional four countries in Years Two to Four

MFI practitioners who have a significant track record of providing clean energy financing. FSP staff participating in the course will be assisted to prepare an outline business plan for their organisation to develop and roll-out finance for clean energy products.

- c. <u>Feasibility study:</u> The EoI will be supplemented by in-country feasibility studies in the four countries to identify the final two pilot countries. The final selection will largely be based on highest ranking in the feasibility studies and an established UNCDF presence so that the pilots can rely on support from UNCDF's established country capabilities.
- d. <u>Risk-Capital Grants:</u> Risk-capital grants to cover the upfront cost of introducing clean energy lending will be provided to three FSPs based on the quality of their business plans.
- 2. Technical Assistance for Clean Energy: to remove barriers to the successful deployment of those technologies and services for which the selected FSPs will provide microfinace
  - a. <u>Strategic market research:</u> Rigorous diagnostic will be conducted in the two pilot countries to identify client energy need and demand, capability of the energy value chain to respond to client demand, appropriate clean technology options, existing technology standards, and conditions in the local microfinance market.
  - b. TA to broker partnership between FSPs and energy suppliers: Three FSPs will be provided with technical assistance to develop clean energy financing products in partnership with energy suppliers. This will include brokering cooperation agreements for sustainable and reliable partnerships between FSPs and energy suppliers.
  - c. <u>TA to FSPs</u> will be provided to develop financial products and business systems based on client energy and financing needs.
  - d. TA to energy supply chain will be provided, which involves support at the energy supplier level to improve development and adaptation of energy technologies/ services that respond to the needs and demands of low-income clients; at the energy support service level to develop quality assurance and service standards for each technology/service chosen for lending; at the end-user finance level to raise understanding of FSPs about the clean energy product or service being offered; and at the end-user level to build awareness of the benefits of clean energy, and of how to use them.
- 3. Global Knowledge and Learning: to enhance understanding and awareness globally of the potential for microfinance to scale-up access to clean energy, and make available the tools and knowledge needed to scale-up access beyond the project
  - a. <u>Grants for process-documentation:</u> Local researchers will be provided grants to document the process of introducing clean energy lending, and to consolidate lessons learned through the implementation of CleanStart in two pilot countries
  - b. <u>Training curricula on clean energy financing:</u> funding will be provided to develop training curricula and material for training MFI personnel. The training curricula will be tested with selected FSPs and finalised for wider adoption.
  - c. <u>Publication of knowledge products:</u> Outputs from different activities will be consolidated and documented in a series of publications and made available as public good. These knowledge products will include feasibility study methodology and study reports; market research methodology and research reports; training curricula/manual and outcome reports; and process documentation and practitioner reflections.
  - d. <u>Annual CleanStart event:</u> An annual event to disseminate initial pilot results and experiences will be organised towards end of the year. Where possible, CleanStart will try to partner with relevant events

- 4. Advocacy and Partnerships: to create an enabling policy and business environment to expand microfinance for clean energy
  - a. Exploring the potential to integrate into UNDP/GEF projects: Where possible and if appropriate, CleanStart can leverage GEF projects by linking an end-user finance component into new and/or existing UNDP/GEF project(s). If the selected pilot country is a new UNDP/GEF project under development, CleanStart activities and MFI partners could be formally taken into account in the project design at the outset. Similarly, if there is an existing GEF project under implementation, CleanStart activities can be financed through existing "access to finance" activities or platforms designed for under GEF.
  - b. Contribute to UN Secretary-General's Sustainable Energy for All Initiative: CleanStart will leverage experience and lessons learned in the two pilot countries to contribute to the UN Secretary-General's Sustainable Energy for All Initiative<sup>1</sup>. This will involve, among others, active participation in the new global Energy Access Practitioner Network which has been launched by the UN Foundation.

UNCDF will be responsible for delivering Output 1. In delivering the Outputs 2, 3 and 4, both UNCDF and UNDP will be responsible based on their respective comparative advantages and knowledge of specific constituencies. Generally, UNCDF will lead on activities related to end-user knowledge and financing, whereas UNDP will lead on activities related to energy suppliers and the energy support service and the non-financing component of energy value chains.

# III. MANAGEMENT ARRANGEMENTS

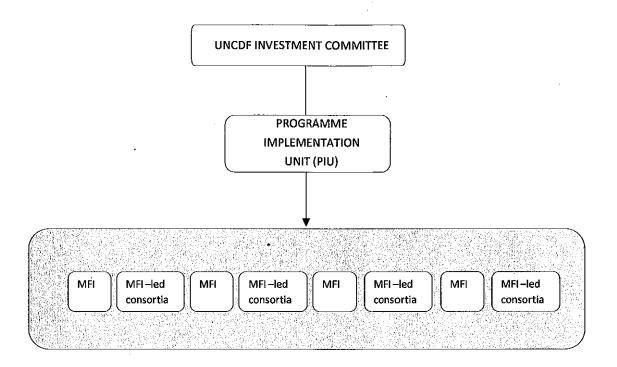
Direct Implementation (DIM) will be the implementation modality for this programme.

CleanStart will be managed globally by UNCDF through a Programme Implementation Unit (PIU) based in the UNCDF Asia-Pacific Regional Office (Bangkok). The PIU will consist of four full time dedicated staff<sup>2</sup> headed by a Project Manager. During the initiation phase, the *Project Manager* and *Knowledge Management and Communication Specialist* will initially be recruited to coordinate all initiation activities, including securing agreements with host governments, developing and managing Expressions of Interest and Request for Proposal processes, conducting due diligence, selecting and contracting international technical service providers, developing and managing performance-based agreements. In doing so, the Project Manager will work closely with the Country and Regional Technical Advisors of the respective pilot countries and regions. (An interim Project Manager will be recruited on a consultancy-basis from February until March 2012 to kickstart activities during the recruitment process of the Project Manager.)

The Investment Committee (IC) - comprised of UNCDF Financial Inclusion Practice Area (FIPA) senior managers, Regional Technical Advisors and policy staff as well as relevant staff from UNDP GEF Unit — will decide on all capital grants or loans to institutions. A designated representative from the Central Bank of pilot countries will represent senior beneficiaries on a rotational basis. The IC will be chaired by the Director of FIPA.

<sup>&</sup>lt;sup>1</sup>UN Secretary-General's *Sustainable Energy for All Initiative* aims to ensure universal access to modern energy services, double the rate of improvement in energy efficiency, and double the share of renewable energy in the global energy mix by 2030

<sup>&</sup>lt;sup>2</sup> The full PIU will consist of Project Manager, Knowledge Management and Communication Specialist, Research and Advocacy Specialist, and Programme and Management Support Analyst



# IV. MONITORING

The PIU, Regional Technical Advisors and Regional Portfolio Specialists in the respective regions will play a key role in regularly monitoring the programme. MFIs receiving assistance under CleanStart will be required to submit quarterly progress reports to the PIU on performance against standard indicators and targets as set out in the Performance Based Agreement (PBA). In addition, MFIs may continually post their data on the CleanStart website. The PIU will coordinate within UNCDF and UNDP to prepare and submit quarterly reports and annual progress reports. The programme is also subject to an annual review which will focus on the lessons learned, continually provide recommendation to improve the programme technical performance and adjust indicators where needed.

# V. RESOURCE MOBILIZATION STRATEGY

By delivering on the key outputs, the initiation phase is expected to contribute the mobilisation of additional funding to support the roll-out of the programme from the initial two pilot countries, to additional four pilot countries<sup>3</sup>, and beyond. Currently, US\$ 1,000,000 in seed capital is being funded by UNCDF to kick-start the programme. Additional resources of US\$ 25.1 million will need to be mobilised incrementally during the initial years of the programme. UNCDF and UNDP will jointly mobilise additional resources.

Time is right for a programme of CleanStart's ambition and scale to be launched. There is a renewed sense of global commitment to deliver innovative financing solutions to achieve energy access for all – particularly since the launch of the UN's Sustainable Energy for All Initiative<sup>4</sup>.

<sup>&</sup>lt;sup>3</sup> Additional four countries in Years Two to Four

<sup>&</sup>lt;sup>4</sup>The goal is to meet three objectives by 2030: (i) Ensuring universal access to modern energy services; (ii) Doubling the rate of improvement in energy efficiency; (iii) Doubling the share of renewable energy in the global energy mix.

Furthermore, following the *Energy for All Conference* in Oslo, Norway (October 2011), the *COP 17* in Durban, South Africa (December 2011) and soon the *UN Conference on Sustainable Development (Rio+20)* in Rio de Janeiro, Brazil (June 2012), the need for actionable programmes such as CleanStart is substantial.

Since the development of CleanStart in 2010, UNCDF has engaged in preliminary discussions with a number of potential partners that are committed to improving energy access through innovative financing solutions. The overall strategy has been (and will be) to engage with funders for direct resource mobilization, as well as seek endorsement from opinion-shapers of the microfinance and energy sectors which will contribute indirectly to resource mobilisation efforts. These include bilateral donors, multilateral organizations, development banks, global initiatives, private companies, foundations and technical partners as listed below. To date, NORAD, SIDA, FMO, KfW and Triodos Bank have expressed interest in funding CleanStart.

### **Latest Discussions with Potential Partners**

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	NORAD	Proposal submitted and awaiting response.	Medium-high (either directly or through the Energy + initiative)
Bilateral Donors	SIDA	Proposal submitted as part of the larger agency submission. Awaiting response.	Medium-high
	EC	Discussion initiated and initial expression of interest in CleanStart. No submissions yet.	Unknown.
	BMZ	Submitted and referred to KfW.	None.
	FMO	Proposal submitted and rejected pending proof of concept. Expression of interest in refinancing CleanStart MFI energy portfolio (parallel funding).	Medium subject to proof of concept.
Development Banks	KfW	Proposal submitted and rejected pending proof of concept. Expression of interest in refinancing CleanStart MFI energy portfolio (parallel funding).	Medium subject to proof of concept.
<u>.</u>	Triodos Bank	Expression of interest in refinancing CleanStart MFI energy portfolio (parallel funding).	None.
Global Initiatives/Funds	Energy +	CleanStart presented by UNDP in the Oslo conference. On-going discussion between UNDP and Energy +.	High subject to negotiated agency agreement between UNDP and UNCDF.
	OFID	Proposal submitted; awaiting formal response. Informal response is that they wish to see a few	Medium following commitments by others.

		others on board first before committing.	
Multilateral Organizations	GEF	Agreement in principle that CleanStart methodology to be integrated into GEF projects where appropriate.	No direct funding to UNCDF except coverage of costs of input in the formulation and design stage. Will contribute to leverage.
	IRENA	Initial prospecting.	
	Ericsson	Magnus to contribute	
	Siemens	Magnus to contribute	
Private Companies	Shell	Proposal shared and meeting date agreed.	Low
	GDF Suez	Proposal shared and meeting date agreed.	Low
	CGAP	Presentation at January event agreed.	None but endorsement important.
	Sustainable Energy for All Initiative	Seeking to get formal accreditation.	None but endorsement important.
	UN Energy	Presentation at UN Energy Retreat in February 2011	None but endorsement important.
Technical Partners	UN Foundation	Discussion yet to be initiated.	None but endorsement and strategic partnership may be useful.
	GIZ	Discussion yet to be initiated.	None but endorsement and strategic partnership may be useful.

# VI. ANNUAL WORK PLAN

\* Source of funds: The annual work plan for 2012-2013 is indicative and depends on yearly availability of core and non-core funds (ASL). The project will ensure that yearly ASL commitments for the project are not exceeded and will use alternative sources to fund project activities funds as soon as they become available.

Year: 2012-2013

NOTES	To be done by PIU	To be done by PIU
) 2013	0	0
Amount (USD)	0	Ó
An 2012 2013 (USS)	0	0
Budget description	N/A	N/A
2013 Source of a funds.	UNCDF	UNCDF
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2012- 0	×	×
GN Organisatio n	UNCDF	UNCDF
Activity Action	Short-listing of 4 potential pilot countries from among the 9 longlisted countries.	Eol communicated to FSPs across 4 countries. 2 pilot countries selected based on demand. 6 FSPs are longlisted.
Activity Result	Output 1.1: Pre- investment technical	advisory to FSPs, selected on a competitive basis
Expected Outputs	Output 1: Finance for Clean Energy to strengthen capabilities of FSPs to provide	services for clean energy to low-incomes households and micro- entrepreneurs

		Feasibility studies conducted across 2 pilot countries.	UNCDF/UN DP	*				UNCDF	Consultan cy, Travel	14,000	14,000	0	\$7,000 per country (2 countries)
		Awareness and Confidence Building Course conducted for 6 long-listed FSPs.	UNCDF		×			UŇCDF	Training	30,000	30,000	0	\$5,000 per FSP (6 FSPs)
		6 FSPs assisted to prepare business plans and RFPs	UNCDF		×			UNCDF	N/A	0	0	0	To be done by PIU
	Output 1.2: Risk-capital grants to 3 FSPs to cover market entry	RFPs issued to long-listed FSPs, and 3 FSPs selected on the quality of their business plans.	UNCDF		×			UNCDF	N/A	0	0	0	To be done by PIU
	and start-up costs, selected on a competitive basis.	Risk-capital grants provided to 3 FSPs.	UNCDF		×	×	×	UNCDF	Grants	75,000	50,000	25,000	\$25,000 per FSP (*\$250,000 in total per MFI over 3 year period)
Output 1Total Output 2: Technical	Output 2.1: Technical	Market research on relevant	UNDP/UNC DF					UNCDF	Consultan cy, Travel	30,000	30,000	25,000	\$15,000 per country (2

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support, and FSP										

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\$10,000 per country (2 countries)	Course developme nt: \$30,000
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UNCDF	UNCDF
Grants to local research institutions/researchers for processdocumentation.	Development of training curricula, tested with selected FSPs and finalised for wider adaptation
Output 3.1: Rigorously researched reports and/or occasional papers produced and disseminated	Output 3.2: Curricula on clean energy finance developed for microfinance practitioners, bankers, policymakers and donors, and tested through internationall y recognized training institutes and national microfinance
Output 3:	Knowledge and Learning to enhance the understanding and awareness of the potential for microfinance to scale-up access to clean energy

The state of the s	Skary.
This can include Annual CleanStart Event to disseminate initial pilot results and experiences . Where possible, CleanStart will partner with relevant events	Joint design mission (from GEF funds)
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Publicatio n	
UNCDF	UNDP
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UNCDF	UNDP/UNC DF
All market research, feasibility studies and process documentation published and disseminated.	Exploring potential to integrate CleanStart into UNDP/GEF project
Output 3.3: Knowledge of clean energy finance concepts, products, methodologi es and good practices made available as a public good through online knowledge platforms, events and conferences, international training	Output 4.1: Advocacy activities to influence various actors to design and implement complement ary activities in the clean
	Output 3: Cotal  Output 4: Advocacy and Partnership to create an enabling policy and business environment to expand microfinance for clean energy

	• Pro-forma \$213,735 • Plus 9% • Plus \$45,000 for appointme int and separation costs (one time cost budgeted under Y1) • Y1: 9 months Y2: 6 months	• Pro-forma \$157,849 • Plus 9% • Plus \$40,000 appointme It and separation
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0	219,729	169,042
0	336,214	255,069
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<u> ×</u>	×	
UNCDF/UN DP	UNCDF	UNCDF
Contribute to UNSG's Year of Sustainable Energy for All	Recruit Project Manager (P4)	Recruit Knowledge and Communication Specialist (P2)
Output 4.2: Leverage international initiatives and forums to contribute to wider policy environment	Output 5.1: Establish the Programme Implementati on Unit	
	Output 5: Effective programme implementatio n	·

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costs (one time cost budgeted under Y1)  • Y1: 9 months Y2: 6months		• Interim Programme Manager (\$40,000) • Secure agreements with host governmen t t • Manage global Eol and RFP processes • Contract int. technical service providers • Due diligence • Develop and manage
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# VII. PROGRAMME MONITORING FRAMEWORK

RISKS:AND ASSUMPTIONS	Risks:  • Lack of familiarity (about clean energy microfinance) among FSPs  Risk mitigation strategy: • Expose MFIs to	potential value of clean energy finance through the Awareness and Confidence Building Course
RESPONSIBILITIES	UNCDF	UNCDF
COLLECTION METHODS:	PIU conducts global Expression of Interest, PIU conducts feasibility studies	PIU compiles data
MEANS OF VERIFICATION	Expression of Interest from FSPs, Feasibility Reports	Course evaluation survey
INDICATORS (with: baselines & indicative timeframe)	Pilot countries are selected based on demand and analysis on the status of the clean energy and microfinance market in a given country Baseline: 0  Target: Two pilot countries in Asia and Africa are selected by end of Q1 Y1	Number of FSPs that participate in the Awareness and Confidence Building Training, and express interest to introduce clean energy loans  Baseline: 0  Target: Up to 6 FSPs by end of Q2 Y1
EXPECTED RESULTS (Outputs)	Output 1: Finance for Clean Energy to strengthen capabilities of FSPs to provide financial services for clean energy	to low-incomes households and micro- entrepreneurs

Minutes of the Committee Meeting, PIU Investment Committee Meeting, PIU Collects quarterly reports Submitted by FSPs, PBA)  FSP MIS data, Audited financial reports from FSPs (as agreed in PBA)  Submitted by FSPs, reports from FSPs (as agreed in PBA)  Submitted by FSPs, agreed in PBA)  Submitted by FSPs  Ouarterly report agreed in PBA)  Submitted by FSPs  Market research report conducts (commissions) strategic market research, PIU conducts field visits		Nimbos of CCDs that				
rolling-out finance products for clean energy time Baseline: 0  Target: 4t least 3 FSPs in two countries in Asia and Africa by end of Q1 12  Meeting, Quarterly report from FSPs (as agreed in PBA)  Target: 4t least 3 FSPs in two countries in Asia and Africa by end of Q1 12  Mumber of micro-loans for approved energy products disbursed to financial reports from FSPs (as agreed in PBA)  Target: Up to 10,000 Indicate the energy need and demand energy suppliests is informed by FSPs, and clean energy suppliests is informed by FSPs and clean energy and officent energy need and demand client energy need and a far and of 02.  Target: 2 strategic conducts field visits conducts field visits completed by end of 02.		receive risk capital grants and begin process of				
Boseline: 0  Target: At least 3 FSPs in two countries in Asia and Africa by end of Q1 YZ  Number of micro-loans from approved energy suppliers is informed by FSPs, and clean energy suppliers is informed by FSPs and clean energy and clean energy suppliers is informed by FSPs and clean energy and FSPs and clean energy suppliers is informed by FSPs and clean energy and CSPs and		rolling-out finance products for clean energy that is sustainable over time	Minutes of the Investment Committee Meeting, Quarterly report	Hold Investment Committee Meeting, PIU collects quarterly reports	UNCDF	
Target: At least 3 FSPs in two countries in Asia and Africa by end of Q1 YZ  Number of micro-loans for approved energy products disbursed to clients financial reports from FSPs (as abunitted by FSPs, and clean energy suppliers is informed by suppliers is informed by suppliers is informed by market research report demand demand  Target: Up to 10,000 submitted by FSPs and clean energy suppliers is informed by market research report demand demand Market research report conducts field visits  Target: 2 strategic market research by the conducts of the conducts field visits completed by end of Q2 the conducts field visits		Baseline: 0	submitted by FSPs,	rrom FSPS (as agreed in PBA)		,
Number of micro-loans for approved energy products disbursed to eights dients dients dients assistance to amicro-loans by end of Q1 Y2  Target: Up to 10,000 submitted by FSPs agreed in PBA)  Target: Up to 10,000 micro-loans by end of Q1 yes suppliers is informed by rigorous research on dient energy research on dient energy need and demand demand demand arracker research by end of Q2 yes suppliers of a conducts field visits conducts of a conducts field visits completed by end of Q2 yes by end of		Target: At least 3 FSPs in two countries in Asia and				
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for approved energy products disbursed to dients financial reports Baseline: 0  Target: Up to 10,000 micro-loans by end of Q1 Y2  Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand  Baseline: 0  Target: Up to 10,000 micro-loans by end of Q1 Y2  Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand  Baseline: 0  Target: 2 strategic market researches completed by end of Q2  Target: 2 strategic market researches completed by end of Q2		Number of micro-loans				
dients disbursed to FSP MIS data, Audited PIU collects quarterly financial reports submitted by FSPs, reports from FSPs (as Quarterly report submitted by FSPs, agreed in PBA)  Target: Up to 10,000  Target: Up to 10,000  Technical assistance to FSPs and of Q1  Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand Market research report market research, PIU conducts field visits conducts field visits conducts field visits completed by end of Q2  Target: 2 strategic market researches completed by end of Q2		for approved energy				
Baseline: 0       financial reports       PIU collects quarterly         Baseline: 0       Quarterly report       reports from FSPs (as agreed in PBA)         Target: Up to 10,000       submitted by FSPs         micro-loans by end of Q1       reports from FSPs (as agreed in PBA)         Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on cleint energy need and demand demand       PIU conducts         Baseline: 0       Market research report market research, PIU       conducts field visits         de Target: 2 strategic market researches       conducts field visits		products disbursed to	FSP MIS data, Audited			
Baseline: 0       submitted by FSPs, agreed in PBA)       reports from FSPs (as output the port agreed in PBA)       UNCDF         Target: Up to 10,000       micro-loans by end of Q1       Y2       Market research report agreed in PBA)       PUL conducts         Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand admand       Market research report market research, PIU       PUL conducts (commissions) strategic market research, PIU       UNCDF/UNDP         Baseline: 0       conducts field visits       conducts field visits       conducts field visits		SILIPIO	financial reports	PIU collects quarterly		
Target: Up to 10,000  micro-loans by end of Q1  Y2  Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand  Baseline: 0  Target: 2 strategic market researches completed by end of Q2  Target: 2 strategic market by end of Q2  Target: 2 strategic market by end of Q2		Baseline: 0	submitted by FSPs, Quarterly report	reports from FSPs (as agreed in PBA)	UNCDF	
micro-loans by end of Q1 Y2 Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand demand  Market research report  Baseline: 0  Target: 2 strategic market researches completed by end of Q2  micro-loans by end of Q1 FSPs and clean energy rigorous research on client energy need and demand market research report market researches completed by end of Q2		Target: Up to 10,000	submitted by FSPs			
Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand demand  Market research report Baseline: 0  Target: 2 strategic market researches completed by end of O2		micro-loans by end of Q1				
Technical assistance to FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand  Baseline: 0  Target: 2 strategic market researches completed by end of Q2  Technical assistance to FSPs and clean energy and client energy need and clie		72				
FSPs and clean energy suppliers is informed by rigorous research on client energy need and demand demand  Aarket research report Baseline: 0  Target: 2 strategic market researches completed by end of Q2	: Technical	Technical assistance to	-			Risks:
rigorous research on client energy need and demand  Baseline: 0  Target: 2 strategic market researches  completed by end of Q2	ce for Clean	FSPs and clean energy				<ul> <li>Financial risk to FSP is</li> </ul>
demand demand Market research report market research, PIU conducts    Commissions   Strategic market research   PIU conducts	o remove	suppliers is informed by				too high
demand  Baseline: 0  Target: 2 strategic market research report market research. PlU conducts field visits  market researches  completed by end of Q2	to the successful	rigorous research on client energy need and		PILI conducts		<ul> <li>Marketing risk due to</li> </ul>
de Target: 2 strategic market research report market research, PIU conducts field visits market researches completed by end of Q2	ent and	demand		(commissions) strategic		uncertainty about marker
de Target: 2 strategic market researches completed by end of 02	cialization of		Market research report	market research. PIU	UNCDF/UNDP	demand Pick of tackpolom
Target: 2 strategic market researches completed by end of 02	chnologies and for which the	Baseline: 0		conducts field visits		failing before repayment
market researches completed by end of Q2	FSPs will provide	Taraet: 2 strateaic				<ul> <li>Limited number of experts that have well-</li> </ul>
	ance	market researches				rounded background in
		completed by end of Q2				וסמוומבת ממכייפו סמוומ ווו

Signed profit/risk sharing agreement, Joint business PIU compiles data plan
Technical assistance strategy/work plan, Business/marketing strategy, Quarterly report submitted by FSPs, Field mission reports, Research

	UNDP	UNCDF/UNDP
	PIU compiles all relevant documentation	PIU compiles all relevant documentation
	Technical assistance strategy/work plan, Business/marketing strategy, Field mission reports, Research	Business strategy, Financial reports from FSPs and energy suppliers, New partnership agreements, Annual Review, Research,
end of Q1 Y2	The extent to which technical assistance strengthens energy suppliers' commitment to target microfinance clients as a key customer segment, as measured by investments in dedicated staffing and business systems (e.g. quality assurance, distribution mechanisms, end-user awareness building)  Baseline: 0  Target: At least 5  suppliers assign dedicated staff and put in place business systems by end of Q1 Y2	The extent to which FSPs and energy suppliers acknowledge the business case of introducing clean energy microfinance, as measured by the expansion of operations or introduction of additional clean energy

	•••	
	• Limited number of established data sources that can support in-depth research  Risk mitigation strategy:  • Partner with entities with established data sources (e.g. IEA, UNDP, Mix Market)	CleanStart website will serve as platform for data, knowledge, and experience sharing
	UNCDF	UNCDF
	Conduct research (market research, feasibility studies, process documentation), PIU collects relevant documentation	Provisions for information-sharing will be stipulated in the MoU
	Knowledge product, Launching event proceedings, Number of downloads, Invitations to present CleanStart knowledge products in external events	Training material, Course evaluation survey, MoU with training institution(s)
finance products  Baseline: 0  Target: At least 1 FSP expands operations and/or introduces additional clean energy microfinance product by end of Q1 Y2	Number of high-quality knowledge products produced and widely disseminated Baseline: 1 publication on CleanStart methodology Target: At least 1 additional knowledge product by end of Q4 Y1	Number of people who are trained on clean energy micro-finance, and express an interest to incorporate/pursue it in their respective capacities Baseline: 0  Target: At least 30 people are trained by end of Q1
	Output 3: Global Knowledge and Learning to enhance	awareness globally of the potential for micro-finance to scale-up access to clean energy

:	Fish:  • Lack of willingness and commitment by relevant government bodies to work on policies favourable to clean energy microfinance  Risk mitigation strategy:  • Demonstrate success cases in scaling up energy access for the poor through micro-finance	
·	UNCDF/UNDP	UNCDF/UNDP
	PIU collects relevant data	PIU compiles relevant data
	Signed donor agreements, Signed technical partnership agreements, Agreement/endorsement from host governments, Field missions reports	Deliverables of the conference/event
72	The extent to which CleanStart is recognized by key partners (policy makers, technical partners, donors) as an innovative approach to financing energy access, as measured by the number of partnerships established  Baseline: 0  Target: At least 5  partnerships with key partners by end of Q1 Y2	Number of conferences and events where CleanStart is invited to contribute (e.g. presentation, paper)  Baseline: 3 regional and global events  Target: At least 3 additional events by end of Q1 Y2
	Output 4: Advocacy and Partnerships to create and enabling policy and business environment to expand microfinance for clean energy	3

					Risk:
					• Limited number of
					experts that have well-
			,		rounded background in
UNCDF and UNDP well-	<u>-</u>				both microfinance and
equipped to effectively					energy access
manage the programme	me				<ul><li>Internal procedures/</li></ul>
and delivers results, as	as				regulations and
measured by effective	Je Je	Written sereement on			coordination delay
internal business		Militari agi centent on			implementation of
processes and		and responsibilities,	PIU compiles relevant		certain activities
communication flow		communication/reporting	data	UNCDF/UNDP	
Baseline: 0		channels, investment			Risk mitigation strategy:
		כסוווווווווווווווווווווווווווווווווווו			<ul> <li>Establish pool of experts</li> </ul>
Target: Establish PIU, and	and				as well as build expertise
agree on practical					internally
internal business					•Establish clear roles and
processes by end of Q2 Y1	2 Y1				responsibilities among
					various parties involved
					in supporting the project,
					and provide regular
					updates on progress