



## CTF – DPSP (V-FUTURES)

**PROJECT TITLE: ENERGY TRANSITION PROGRAM**

**COUNTRY: GLOBAL**

**MDB: INTERNATIONAL FINANCE CORPORATION**

Cover Note for CTF Program Approval Request Dedicated Private Sector Programs (DPSP V-FUTURES)			
Country/Region	Global	CIF Project ID#	Auto Generated by CCH
<b>For Regional/Global (country classification)</b> Please list all applicable sub-countries under Regional/Global country tagging (separated by semicolon ";")	All CIF countries		
Tier <sup>1</sup>	<input checked="" type="checkbox"/> Tier 1	<input checked="" type="checkbox"/> Tier 2	<input checked="" type="checkbox"/> Tier 3
Type of CIF Investment:	<input type="checkbox"/> Public	<input checked="" type="checkbox"/> Private	
Project/Program Title			
<b>Sector/Pillar</b> (Please select all that apply)	<input checked="" type="checkbox"/> Enabling Environment <input type="checkbox"/> Energy Efficiency <input checked="" type="checkbox"/> Energy Storage <input checked="" type="checkbox"/> Renewable Energy <input checked="" type="checkbox"/> Renewable Energy/ Energy Efficiency <input type="checkbox"/> Transport <input type="checkbox"/> Other (_____)		
<b>Technology/Area</b> (Please select all that apply)	<input checked="" type="checkbox"/> End Use <input type="checkbox"/> District Heating <input checked="" type="checkbox"/> Smart Grid <input checked="" type="checkbox"/> Capacity Building <input checked="" type="checkbox"/> Multiple <input checked="" type="checkbox"/> Batteries <input type="checkbox"/> Hydro <input type="checkbox"/> Green Hydrogen <input type="checkbox"/> Geothermal <input checked="" type="checkbox"/> Wind <input checked="" type="checkbox"/> Solar <input type="checkbox"/> Hydropower <input type="checkbox"/> Cookstoves <input type="checkbox"/> Waste to Energy <input type="checkbox"/> Bioenergy <input checked="" type="checkbox"/> Mixed RE <input type="checkbox"/> Green Fuels <input type="checkbox"/> Modal Shift <input type="checkbox"/> Vehicle Technologies <input type="checkbox"/> Mass Transit <input type="checkbox"/> Electric Vehicles <input type="checkbox"/> Other (_____)		
Project Lifetime (MDB Board/Management approval to project closure) (in years)	25		
Is this a private sector program composed of sub-projects?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>Financial Products, Terms and Amounts</b>			
	USD (million)	EUR (million)	
PPG (Project Preparation Grant)			
Grant			
MDB Project Implementation and Supervision Services (MPIS) <sup>2</sup>	0.96		
First loss guarantee			
Second loss guarantee			
Equity			
Senior loan			
Senior loan in local currency hedged			
Senior loan in local currency unhedged ( <b>EXCEPTIONAL REQUEST</b> )			

<sup>1</sup> Country Tier definition as Per FY25 approved [Pricing policy](#) (page 8,9,19-25)

<sup>2</sup> MPIS - CIF Operational Modalities For New Strategic Programs [here](#)

Subordinated debt/loan/ mezzanine instrument with income participation	60			
Subordinated debt/loan / mezzanine instrument with income participation local currency unhedged ( <b>EXCEPTIONAL REQUEST</b> )				
Subordinated debt/loan /mezzanine instrument with convertible features				
'Convertible/contingent recovery' grant/loan/guarantee (loans convertible to grants or vice versa)				
Convertible Loans (convertible to equity only)				
For loans and guarantees – is this a revolving structure? <sup>[3]</sup> <input type="checkbox"/> Yes <input type="checkbox"/> No				
<b>Specify local currency type here</b>				
Other (please specify)				
<b>Total</b>	<b>60.96</b>			
<b>Co-financing</b>				
	<b>Please specify as appropriate</b>	<b>Amount (in million USD)</b>		
MDB 1	IFC	60		
MDB 2 (if any)				
Government				
Private Sector		360		
Bilateral				
Others (please specify)				
<b>Total Co-financing</b>		<b>420</b>		
<b>CIF Funding</b>		<b>60</b>		
<b>Total Financing (Co-financing + CIF Funding)</b>		<b>480</b>		
<b>Proportion of Total Financing for Adaptation</b>				
<b>Proportion of Total Financing for Mitigation<sup>[e]</sup></b>				
<b>CIF Financial Terms and Conditions Policy</b>	<a href="#">Link</a>  Is this request in accordance with the CIF Financial Terms and Conditions Policy?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if no, please specify detailed information under the justification section)			
<b>Justification (exceptional request)</b>				
<b>Implementing MDB(s)</b>				

<sup>3</sup> With a revolving structure, after the loan or guarantee matures, instead of returning the funds to the Trustee, the funds are redeployed as a new loan or guarantee.

MDB Headquarters-Focal Point:	Tendai Madenyika Andrey Shlyakhtenko
MDB Task Team Leader (TTL)	Pranab Ghosh
<b>National Implementing Agency</b>	
Country Focal Point/s	Private Sector
<b>Brief Description of Project/Program (including objectives and expected outcomes)</b>	
<p><b>IFC's Global Energy Transition Program (the "Program") aims to facilitate the financing and deployment of scalable, private sector-driven business models that accelerate renewable energy (RE+) and energy storage solutions.</b> The Program will focus on supporting a robust pipeline of projects in countries where the enabling environment and investment conditions are poised for rapid, large-scale adoption of RE+ and storage technologies. Recognizing the importance of energy security and decarbonization, the Program will support innovative storage solutions, including standalone Battery Energy Storage Systems (BESS), hybrid RE + energy storage systems, and distributed generation (DG) to scale-up RE penetration closer to point of demand. The Program could also potentially support local assembly and manufacturing of new technology solutions and will be underpinned by IFC's scoping and early stage/venture investments in emerging technologies that enhance grid resilience and flexibility.</p> <p><b>Target markets initially identified for the Program include large CIF countries such as India, Indonesia, Brazil, and Egypt, as well as small island developing states (SIDS), where IFC has identified a promising pipeline in line with the clean energy transition and long-term decarbonization objectives of the identified countries.</b> IFC is seeing significant investment needs in the BESS and DG space in the following markets: Asia (India, Indonesia, Thailand, Vietnam, Philippines, Mongolia), Africa (Egypt, Morocco, Tunisia, Congo, Benin), Latin America and Caribbean (Brazil, Peru, Mexico, Dominican Republic, Jamaica).</p> <p><b>Aligned with the stated objectives of the CTF Futures Window (DPSP V), IFC's proposed Program seeks to catalyze transformative investments and accelerate private financing in emerging clean technologies and business models across developing countries.</b> The CTF Futures Window was established in 2022 to utilize concessional climate finance from cancelled CTF operations to accelerate the deployment and scaling of clean technologies. It expands on the CTF Dedicated Private Sector Program (DPSP) model by supporting emerging technology sectors like green hydrogen and e-mobility. The window also focuses on energy efficiency, RE+, and sustainable transport. As stated above, the objective of the Program is to catalyze much needed energy storage investments in developing countries, as well as to promote increased penetration of RE, including through energy storage and DG, therefore improving grid reliability, stability, and power quality, while reducing carbon emissions. In all, the Program seeks to level the field between RE and thermal energy, particularly diesel back-up, not only in terms of cost, but also quality of power. By utilizing innovative de-risking structures that use concessional finance, the Program aims to support pioneer investments in energy storage and DG, which currently face significant barriers and high first-mover costs.</p> <p><b>The pipeline and sub-projects targeted by the Program will be aligned with efforts under the US\$1 billion World Bank Group (WBG) program to accelerate investments in battery storage.</b> In addition to investments, the WBG is also supporting the development of policies and regulations required to promote deployment of energy storage and the implementation of competitive procurement practices in favor of economically feasible and environmentally friendly battery technologies. As a strategic global priority, IFC is also actively seeking to accelerate its agenda in the DG space by anchoring innovative capital market solutions, and specialized DG</p>	

financing entities (e.g. debt funds), as well as providing scarce long-term financing solutions to DG portfolios directly.	
IFC will seek to ensure that activities under the Program have synergies with the work being undertaken under the respective CIF Country Investment Plans and DPSP windows, the Nationally Determined Contributions (NDCs) under the Paris Agreement, as well as by other development partners and in line with Country Climate & Development Reports (CCDR), all of which will help targeted countries meet their commitments under the Paris Agreement on Climate Change and UN Sustainable Development Goals (SDGs).	
<b>Consistency with CTF investment criteria<sup>4</sup></b>	
Please refer to Proposal Sections 2.1-2.9	
<b>Additional CTF investment criteria for private sector projects/ programs</b>	
a. Financial sustainability	Please see Section 2.10 of the Proposal
b. Effective utilization of concessional finance (including a detailed analysis on how the proposal meets the minimum concessionality principles, and on how it is aligned with the blended concessional finance principles)	Please see Section 2.11 of the Proposal  For analysis on how the proposal meets the minimum concessionality principles and on how it is aligned with the blended concessional finance principles, please see Section 2.12 of the Proposal
c. Mitigation of market distortions	Please see Section 2.12 of the Proposal
d. Risks	Please see Section 2.13 of the Proposal
<b>For DPSP projects/programs in non-CTF countries, explain consistency with FIP, PPCR, or SREP Investment Criteria and/or national energy policy and strategy</b>	
Sub-projects under this Program will seek synergies, where practical, with work being undertaken under CIF Country Investment Plans, the Nationally Determined Contributions under the Paris Agreement, as well as by other development partners. Each sub-project will also be consistent with directions of the respective country's national energy policy and strategy.	
<b>Social Inclusion and Stakeholder Engagement</b>	
Stakeholder engagement will take place at the sub-project development stage and will follow the IFC rules and procedures. The work will be organized in an effective way, similar to other projects undertaken by IFC in RE markets across number of countries.	
<b>Gender Considerations</b>	
<b>Gender Analysis</b> (Please insert the text from the project document on the analysis of gaps in access to services, markets, and jobs by women in relation to the project sectors)	Globally, women lag men in leadership and technical jobs in the RE sector and, according to the International Renewable Energy Agency, represent just one third of the RE workforce worldwide. In the countries targeted by the Program, the gender gap is driven by unequal

<sup>4</sup> Link to Future Window Design Document [here](#)

	<p>access to education, limited access to technical skills and training opportunities for women, as well as biased company policies, among other factors.</p> <p>Gender-smart and inclusive interventions in the energy sector have the highest potential for impact. The sector offers opportunities to increase women's employment and entrepreneurship in renewable energy, drive the uptake of healthier and more environmentally friendly cooking practices, and ensure that large-scale energy transition programs do not inadvertently widen gender gaps.</p>
<p><b>Gender Activities</b> (Please insert the text describing gender-specific activities included in the project)</p>	<p>Gender aspects will be given thorough consideration and addressed at the sub-project level depending on the issues and opportunities that are identified at the appraisal stage through a gender diagnostic/analysis for each sub-project (when relevant) to: i) identify gaps and opportunities, ii) develop an action plan with clients, including key gender interventions to close the gaps and indicators to measure the effectiveness of those interventions, and iii) collect gender-disaggregated data to ensure that women and men have equal opportunities to access employment in the construction and operations of the sub-projects, as well as in the surrounding communities, creating business value and securing influence and income for themselves. The Program will pay particular attention to gender equality when it comes to jobs creation through the acquisition of green and sustainable related skills and experience among local workers and communities.</p> <p>Additionally, gender considerations will build on IFC's efforts to bridge the gender gap in the RE sector and draw lessons from various ongoing initiatives, such as the Energy2Equal program launched in 2019 in partnership with the Government of Canada to reduce gender gaps in the RE sector workforce in Sub-Saharan Africa and increase research and data on the business case for women's participation.</p>
<p><b>Gender Indicators</b> (Please insert the text on selected gender specific indicators, including annual targets. from the Project Log Frame that the project is committing to report on)</p>	<p>Gender indicators will be developed at the sub-project level, depending on the issues and opportunities that are identified at the appraisal stage. Possible gender indicators include:</p> <p>Number of women employed in technical and leadership roles;</p>

	<p>Number of women trained in technical skills and green jobs;</p> <p>Number of companies (sub-project sponsor or investee companies) adopting management strategies to attract, retain, and develop skills among women in multiple functions, including technical, leadership and other roles with agency; and</p> <p>Number of women-owned enterprises involved in RE supply chains.</p>
<b>Just Transition</b>	
<b>Just Transition Analysis</b>	The Program aims to ensure a Just Transition by investing in energy storage and DG systems that deliver both environmental and social benefits. The targeted sub-projects will reduce GHG emissions by adding at least 300 MW of RE capacity, while prioritizing local job creation, especially for workers transitioning from high-carbon industries.
<b>Just Transition Activities</b>	The Program will specifically focus on creating pathways for workers in carbon-intensive sectors to transition into sustainable employment opportunities. These job opportunities will be green and resilient, supporting community-wide economic development. This aligns with just transition principles, ensuring that workers and communities do not face negative economic consequences due to the clean energy transition.
<b>Just Transition Indicators</b>	<p>Just Transition aspects will be given thorough consideration and addressed at the sub-project level depending on the issues and opportunities that are identified at the appraisal stage through an analysis for each sub-project. Possible Just Transition indicators include:</p> <p>Number of local jobs created in DG and energy storage projects;</p> <p>Number of local jobs created for workers transitioning from carbon-intensive industries (as applicable).</p>
<b>For projects/programs with activities in countries assessed as being at moderate or high risk of debt distress, macro-economic analysis to evaluate the potential for the CTF project or program to impact the country's debt sustainability</b>	
Investments undertaken by IFC are not expected to require sovereign guarantees and, therefore, will not necessarily be reflected in the country's debt service requirements, thereby not affecting the country's debt sustainability.	

<b>For public sector projects/programs, analysis of how the project/program facilitates private sector investment</b>	
N/A	
<b>Expected Results (M&amp;R)</b>	
<b>Project/Program Timeline</b>	
Expected MDB Board Approval date	Q1 2025
Expected project closure date <sup>[d]</sup>	N/A
Expected lifetime of project results in years (for estimating lifetime targets)	25
<b>CTF Core Indicators</b>	<b>Project-Defined Indicators/Targets</b>
<i>Please identify which of the indicators below are relevant to the project proposal, list the corresponding project-defined indicator(s), and report all targets, including disaggregated targets.          (See the <a href="#">CTF Monitoring and Reporting Toolkit</a> for additional guidance.)</i>	
<b>CTF 1: GHG emissions reduced or avoided (mt CO<sub>2</sub> eq)</b>	
<i>Annual</i>	596,289
<i>Cumulative Lifetime</i>	14,907,225
<b>CTF 2: Volume of direct finance leveraged through CTF funding (\$)</b>	<i>Indicator calculated from the co-financing section below</i>
<b>CTF 3: Installed capacity of RE as a result of CTF interventions (MW)</b>	
<i>Wind</i>	
<i>Solar</i>	300
<i>Hydro</i>	
<i>Geothermal</i>	
<i>Other/Mixed</i>	
<i>TOTAL</i>	300
<b>CTF 4: Number of additional passengers per day using low-carbon transport</b>	
<i>Female</i>	
<i>Male</i>	
<i>TOTAL</i>	
<b>CTF 5: Energy savings as a result of CTF interventions (GWh)</b>	
<i>Annual</i>	
<i>Cumulative Lifetime</i>	
<b>GESP-Specific Indicators</b>	<b>GESP-Specific Indicators</b>
<b>GESP 1: Energy rating of storage systems installed (MWh)</b>	900
<i>Please specify storage technology type (i.e., thermal, mechanical, electrochemical, etc.):</i>	
<i>Please specify location on the energy value chain (i.e., generation, transmission, distribution, stationary end use, mobile end use):</i>	
<i>Please specify if distributed storage or utility scale:</i>	
<b>GESP 2: Power rating of storage systems installed (MW)</b>	300



<i>Please specify storage technology type (i.e., thermal, mechanical, electrochemical, etc.):</i>	Electrochemical
<i>Please specify location on the energy value chain (i.e., generation, transmission, distribution, stationary end use, mobile end use):</i>	Generation
<i>Please specify if distributed storage or utility scale:</i>	Both
<b>Please also submit the full project results framework to the CIF Secretariat upon MDB Board approval of the project.</b>	
<b>CTF Co-Benefit Indicators</b>	<b>Project-Defined Indicators/Targets</b>
<i>Please identify one or more expected co-benefit indicators—i.e., other social, economic, environmental benefits beyond the CTF core indicators—that the project will track and report.</i>	
<b>CTF Co-Benefit</b> (e.g., Gender, employment, energy access, social inclusion, health and safety, fuel savings, competitiveness and industrial development, SDGs):	Direct Employment (#) – O&M - Total: 1,785 - Female: 870
<b>Expected Date of MDB Approval</b>	
IFC expects that the first investment under the Program could reach Board approval as soon as Q1 2025, however, the proposed timeline is subject to adjustments.	

### Version: October 2024

Link to Documents Management – [here](#)

CCH – [here](#)

CIF Website – [here](#)

CIF Pipeline Management and Cancellation Policy - [here](#)

CIF Financial Terms and Conditions Policy updated for FY24 - [here](#)

CIF Operational Modalities For New Strategic Programs - [here](#)

CTF (DPSP V-FUTURES) Futures Window Design Document [here](#)

CTF M&R Toolkit – [here](#)

FY25 Pricing Policy - [here](#)