



Clean Captive Installations in sub-Sahara Africa

Webinar | Session 1

Calls for Proposal

FS-UNEP Collaborating Centre

23rd March, 2021 | Total duration - 70 minutes

Supported by:



based on a decision of the German Bundestag







Frankfurt School
FS-UNEP Collaborating Centre
for Climate & Sustainable Energy Finance



Webinar | Agenda




Session 1

START	TOPIC	PRESENTER
10 minutes	WELCOME Opening remarks on the progress of CCI project	SETH AGVEVE MEHU (Ministry of Energy, Ghana) MYRIEM TOUHAMI (UNEP) DIANA KOLLANYI (FS-UNEP Collaborating Centre)  
30 minutes	OPEN CALL FOR PROPOSALS Introduction to the framework document, application process, selection criteria, application timelines, application forms	MADHUMITHA MADHAVAN (FS-UNEP Collaborating Centre) 
30 minutes	Q&A SESSION	Open to all participants 

Session will be moderated by **DIANA KOLLANYI** (FS-UNEP Collaborating Centre)

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Open call for proposal | Framework document

Introduction

Aim of launching the call for proposals

1

Background

- Lack of reliable and affordable energy
- Grid is unreliable, outages occur often
- High energy costs and lack of infrastructure

2

Objectives

- Strengthen ability to move towards low carbon-emitting development strategies
- Enhance clean captive energy installations for industries
- Raise awareness and disseminate clean modern energy technology

Support for applicants

3

Advisory support: Tools and guidelines for financial and economic viability assessments

4

Financial support: Results-based **grants** to share costs (up to US\$ 300,000) for the following types of projects:



Type I: Captive solar PV plant at a site for C&I clients



Type II: Create a financing vehicle/ instrument dedicated to captive solar PV projects



Type III: Capacity building, trainings/ certification with specific focus on captive solar PV financing

Expected outcomes




5

Implementation of several **pilot projects** that have:

- **Innovative business models**, address the market barriers for captive solar
- **Replicable and scalable concepts** and structures

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Framework document | Activities eligible for grant support

Overview

Type 1 Transaction costs		Type 2 Financing vehicle/instrument		Type 3 Capacity building	
Advisory Services	Financial modelling	Financial structuring	Due diligence costs	Fee for trainers	Training materials
Business plan	System design	Defn. of technical standards	Defn. of investment criteria	Rent or purchase of equipment	Participant's expenses
Permits	Legal advisory	Financial modelling	Business plan	Training Fees	Rent for training premises
PPA structuring	Due diligence costs	Legal costs	Other set-up costs		
Studies and assessments	Other transaction costs				

Framework document | Activities eligible for grant support

Type 1 | Transaction costs – sample costs

Advisory Services



Support fund-raising process



Connect applicants to FIs



Structure and negotiate contracts

Financial modelling



Audit



Analyse profitability, sensitivity, cash flows



Assess financing alternatives

Legal Costs



Support in structuring PPA or lease contracts



Advise in negotiation



Draft & review agreements

PPA structuring



Analyse needs from all parties to reach agreements



Negotiate term-sheets



Support & structure closing of agreement

System design



Analyse structural costs



Design concepts and details



Prepare documentations

Studies and assessments



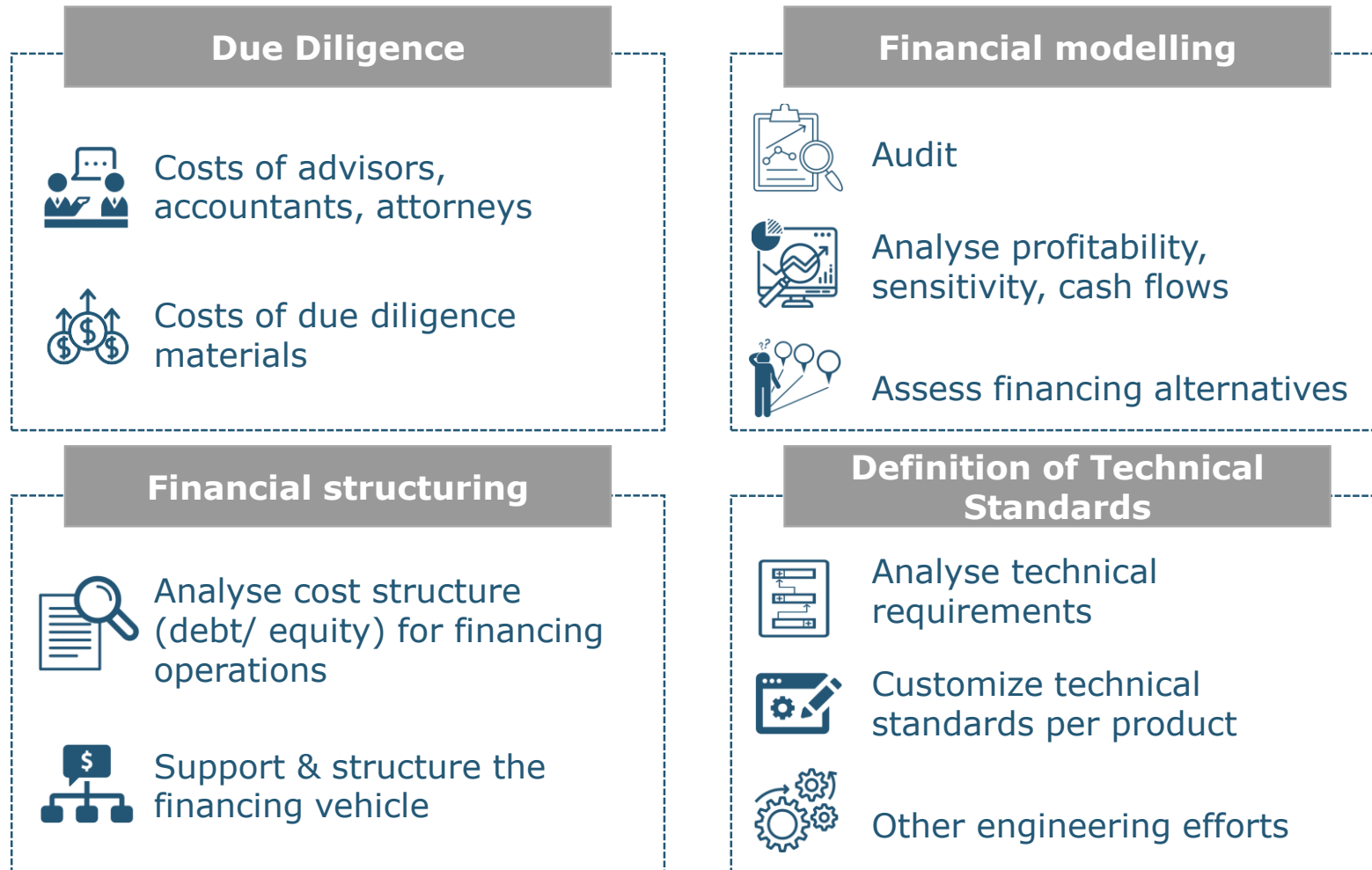
Study & assess project feasibility



Support in reviewing, structuring, etc. of business plan

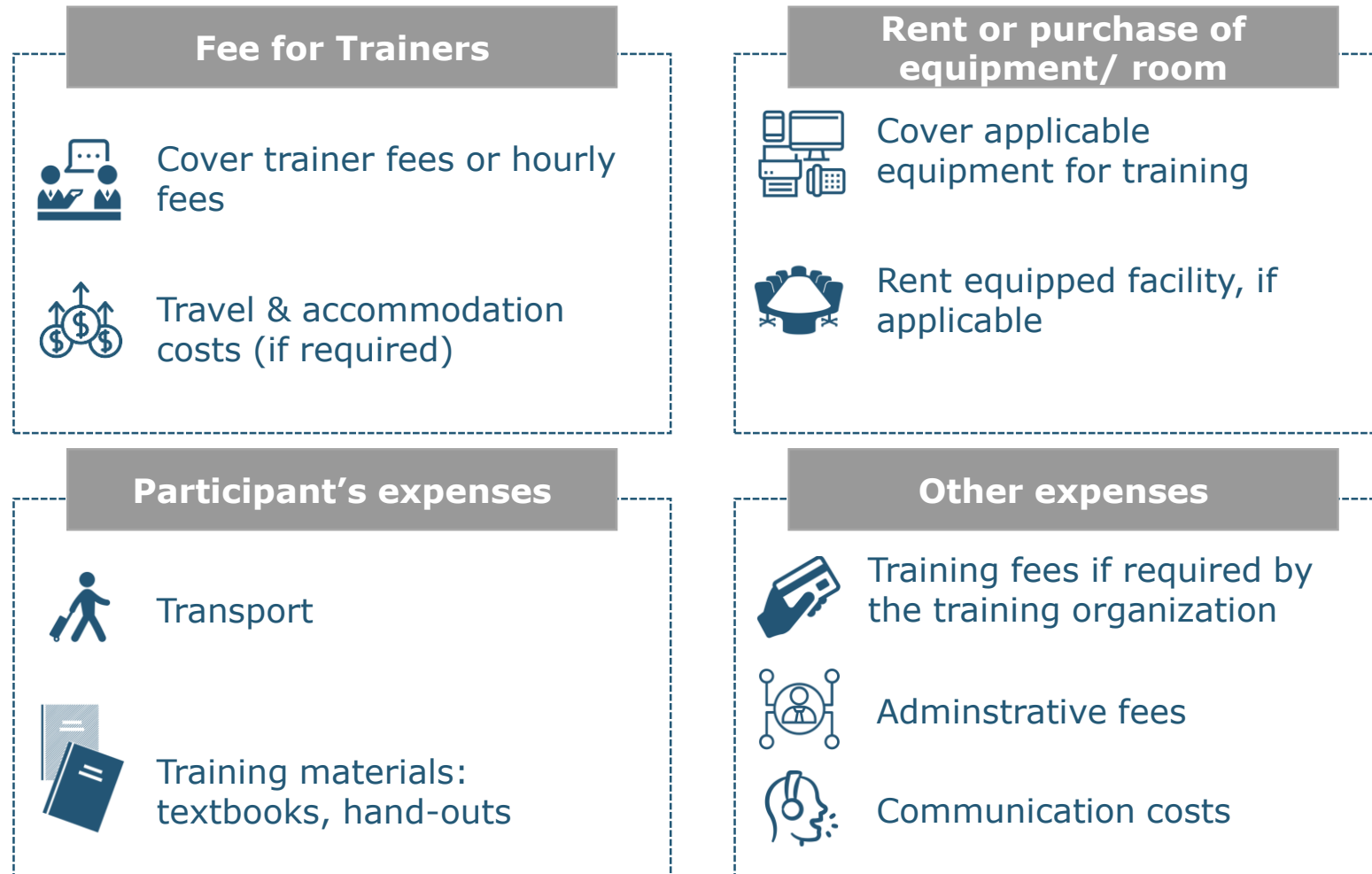
Framework document | Activities eligible for grant support

Type 2 | Financing vehicle/instrument – sample costs



Framework document | Activities eligible for grant support

Type 3 | Capacity building – sample costs



Framework document | Activities eligible for grant support

Conditional grant support

Type 1 | Transaction costs

Conditional funding support:

- Max grant amount that can be availed per project is USD 300K for transaction costs; **AND**
- At least 25% of transaction cost should be own contribution; **AND**
- Total transaction cost to not exceed 25% of equipment and installation costs

Type 2 | Financing vehicle/instrument

Conditional funding support:

- Max grant amount that can be availed per project is USD 300K; **AND**
- At least 25% should be own contribution

Type 3 | Capacity building

Conditional funding support:

- Max grant amount that can be availed per project is USD 300K; **AND**
- At least 25% should be own contribution; **AND**
- Applicant provides detailed plan to increase RE activity in next 5 years

Framework document

Application process

How to apply



Download relevant application form from CCI website i.e. **Type1 or Type 2 or Type 3**



Fill application form in English, attach supporting docs and **submit to** info@captive renewables-africa.org



One-step process
CCI team will contact lead applicant if further info. necessary

Who can apply



Consortium, Joint Venture or association
Identify lead contact applicant for comm. & grant contracting



Pilot project to be **implemented within 18 months**. *Projects that are highly time sensitive may refrain from applying*



Agree to knowledge sharing to disburse info. and enhance faster uptake of clean captive renewable energies

When to apply

Applicants may reach out to project team to clarify outstanding questions throughout this period

23 Mar 2021

Launch of Open Call for Proposal through online Webinar

23 Mar 2021

CCI project team to publish Open Call for Proposal documents on website

07 Apr 2021

Last day for applicant to clarify questions with CCI project team

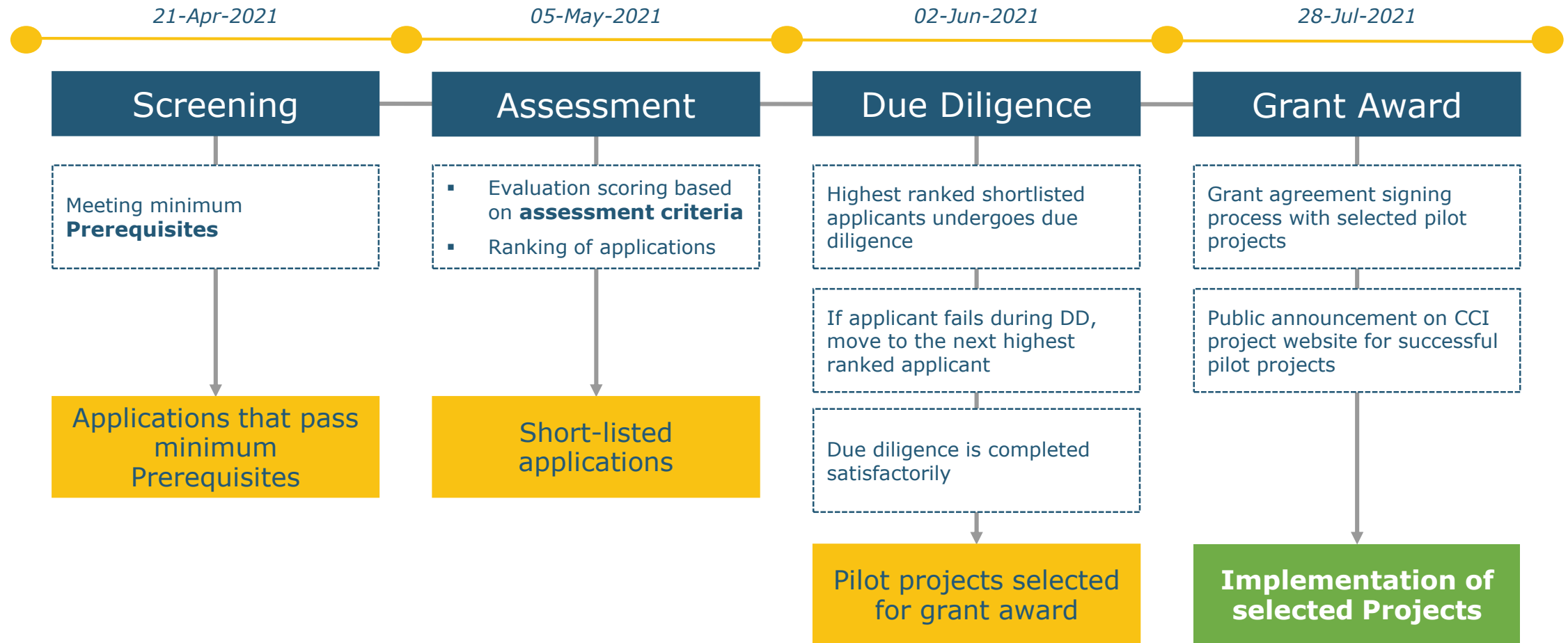
14 Apr 2021

Final application deadline for submission of requested documents



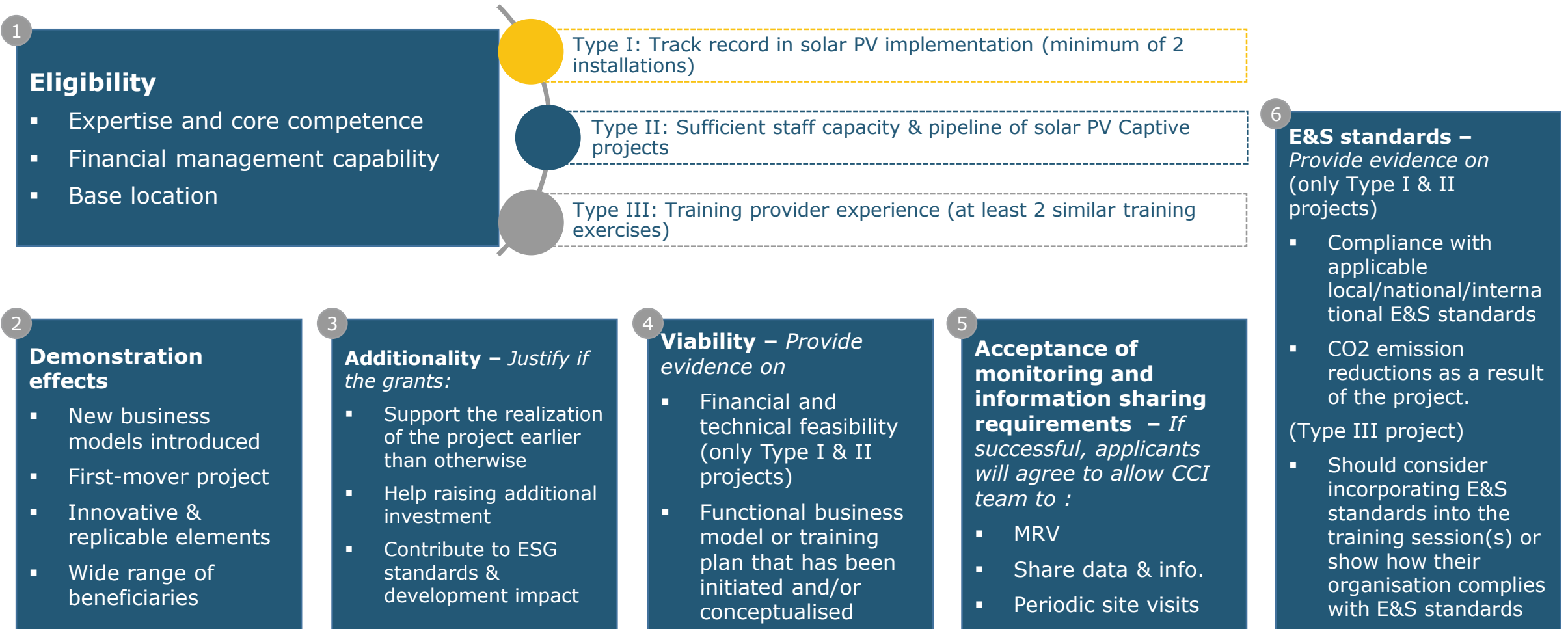
Framework document

Selection and implementation process



Framework document

Criteria for selection | Prerequisites



Framework document

Criteria for selection | Assessment criteria

1

Demonstration effects

Applicants are scored on the basis of their description of project characteristics such as replicability/scalability, innovativeness, learning potential that result from implementing the project.

2

Additionality – Applicants are scored on the basis of their justification for the grant support request through their description of how the support would contribute, for instance, to increasing the project's opportunity of raising additional investment or financing, or lead to improved ESG standards, or lead to local capacity development, or quicker realisation of emissions reduction, etc.

3

Viability – *Provide evidence on*

- Technical feasibility (Type I & II projects)
- Financial feasibility: profitability, metrics, financial commitment, etc. (Type I & II projects)

4

Monitoring Requirements & Information Sharing:

- Consider applicants agree to sharing data and information publicly

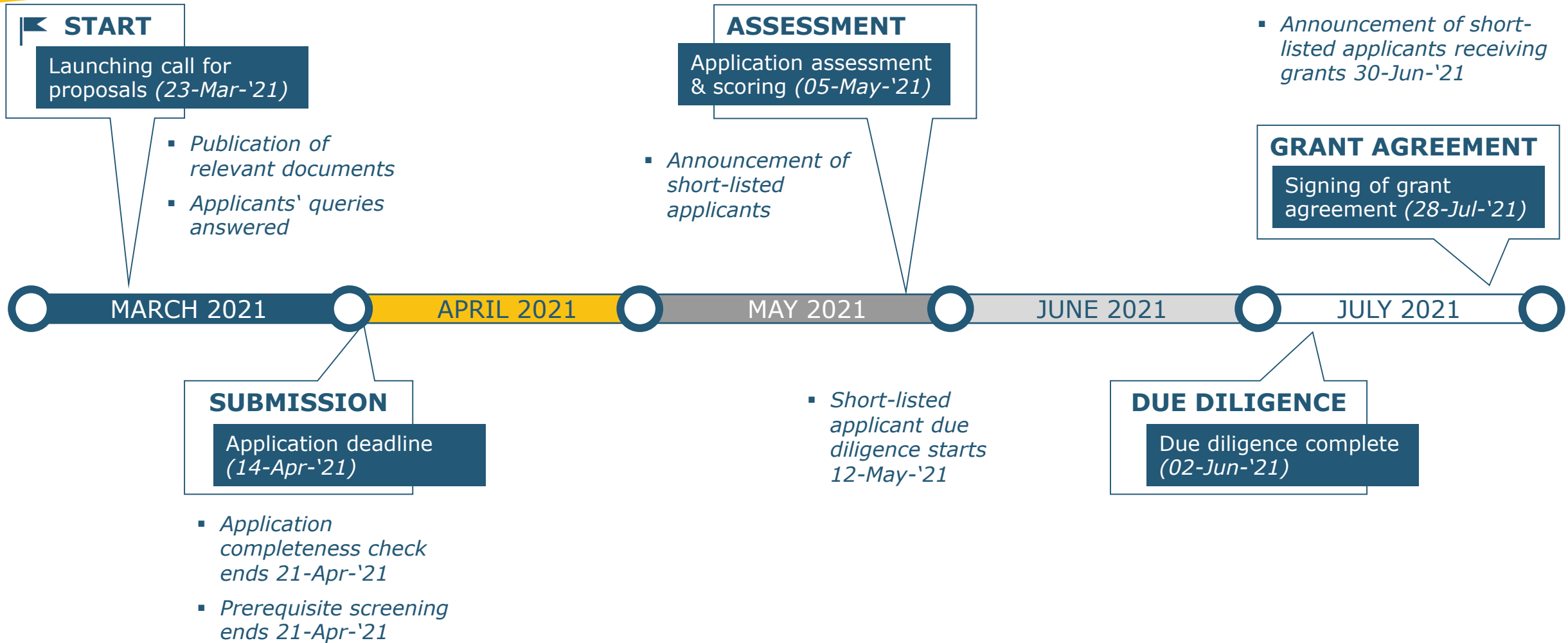
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ESG standards

- CO₂ Emissions reduction efficiency ratio
- Positive environmental and gender impacts
- Align with development priorities

Framework document

Application process | Timeline



Application forms

Type 1 or Type 2 or Type 3

General Guidelines

- Application forms (for all 3 Types of Projects) are to be filled and submitted ELECTRONICALLY
- All questions are mandatory and must be answered as guided in the available spaces provided and based on the project's aspects
- All relevant documents need to be attached as indicated at the end of the application

Main project aspects in Application Form

- **Info on Lead Applicant:** mandatory to clearly provide the contact details of the applicant
- **Info on Project Characteristics** (Type I and II): information on current situation, location, type of C&I user, proposed business model, etc.
- **Info on Capacity Building** (Type III)
- **Technical Viability** (Type I and II)
- **Financial Viability**
- **Info on Participants and Capacity Building** (Type III)
- **Monitoring, Verification, Reporting**
- **E&S and Gender Impact**

Checklist of Attachments

- Certificates (or equivalent)
- Tax compliance, ETR registration, permits, license, etc.
- Agreements between the company and project partners (or training provider)
- Company references and/or key expert CVs (where applicable)
- Detailed cost breakdown
- Detailed implementation plan
- Audited financial statements (going back 3-5 years)
- CO₂ emissions reduction calculation with assumptions
- Technical assessment design, data sheet, etc.
- Others

SESSION 2 – GHANA COUNTRY STUDY AND TOOLS

Date: **24th March 2021**

Timing: **10 AM to 11.30 AM GMT**




Register here: www.captiverenewables-africa.org/cicsa-news/

Topics to be covered:

- Key findings from the **Ghana Country Study** on clean energy installations for industrial clients
- Presenting **different tools** developed for captive solar PV solutions in the C&I sector

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Thank you for your patience!



UN Environment (UNEP)



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For further information please visit:

www.captiverenewables-africa.org

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