



UK Prosperity Fund

SE Asia Low Carbon Energy Programme

Supplier Day

21 March 2018

Agenda

- 04:00 Registration
- 04:15 Welcome Remarks
HC Scott Wightman, High Commissioner in Singapore
- 04:20 Procurement Process and Timeline
Karen Dobson, Procurement Portfolio Lead
- 04:30 SE Asia Low Carbon Energy Programme Draft Statement of Requirements
Camilla Fenning, Head SE Asia Climate Change and Energy Network
- 04:50 Q&A
- 05:00 Breakout sessions
- 05:45 Summary/Highlights
- 05:50 Q&A
- 06:00 Networking
- 07:00 - End -



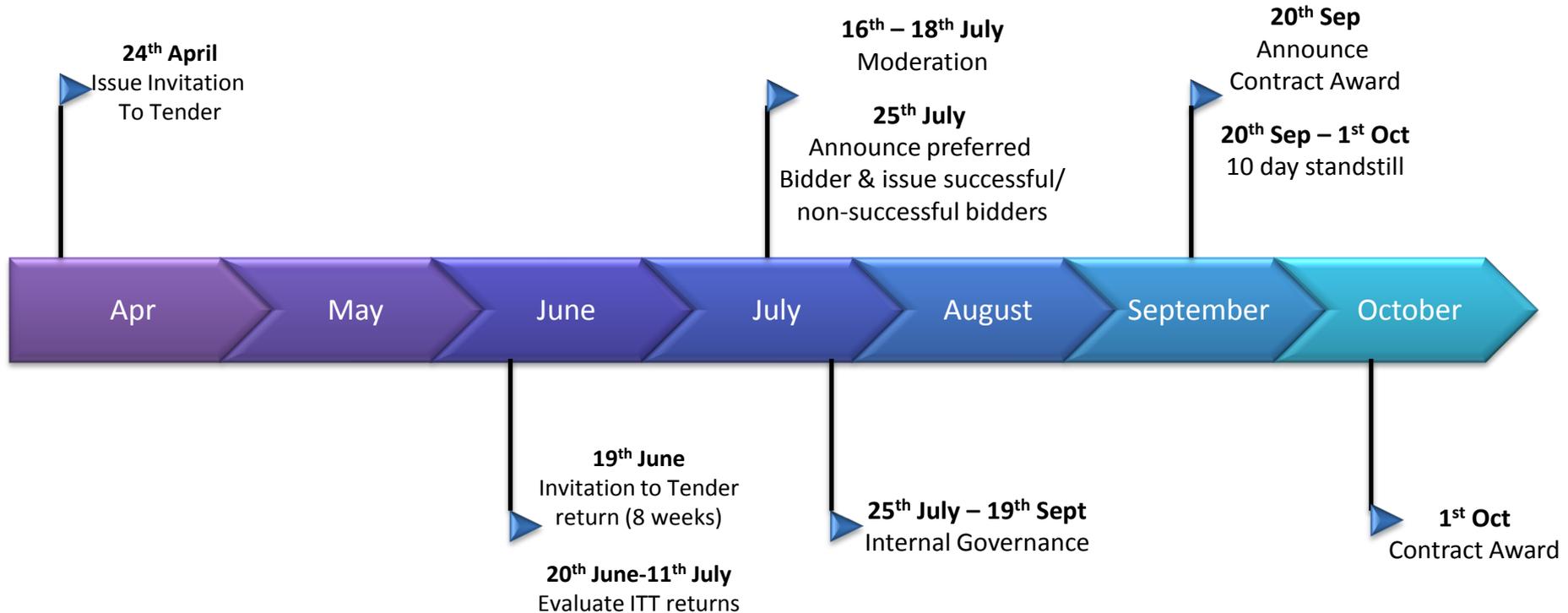
UK Prosperity Fund

SE Asia Low Carbon Energy Programme

Supplier Day

21 March 2018

Indicative Timeline



SE Asia Low Carbon Energy Programme

HOW MUCH?

£15m Programme in South East Asia focusing on low carbon energy

WHAT FOR?

To address barriers to low carbon transition which are hindering region's economic progress, poverty reduction and hampering additional key livelihoods including health, climate change resilience, and gender equality

HOW?

Capacity building and technical assistance

WHAT?

Green finance and energy efficiency

Why low carbon energy?

Extreme vulnerability to climate change

Business as usual levels of emissions could cost SEA around 7% of its GDP (ADB)



Increasing need for infrastructure and energy supply

Investment in low carbon infrastructure to meet climate requirements is estimated at £286bn by 2030



Limited access to green finance

Green finance/divesting remains marginal in the region, despite recent growth



Huge energy efficiency needs

EE measures could save up to 35% of energy consumption in SEA (UNESCAP)



SE Asia Low Carbon Energy Programme

Green Finance

- Identified by the UN as essential to low carbon development
- Huge untapped potential: US\$2.5 trillion required for SEA energy infrastructure by 2030 – much of this low carbon
- Lack of clear standards, frameworks, expertise are discouraging investors
- Unrivalled and globally recognised UK expertise in Green Finance (City of London)

Improved access to financial services for low carbon projects including renewable energy

Increase in green electricity generation capacity

Energy Efficiency

- Key first step for energy transition and decarbonisation
- Huge need in SEA: EE measures could save 35% of energy consumption in SEA (UNESCAP)
- Central role of policy in EE (e.g. performance standards) - UK has significant expertise.
- UK recognised as a global leader in EE, both from a policy and a business perspective.

High quality energy infrastructure

Reduction of unnecessary energy demand

Lower carbon emissions
(effects on energy security, health, food security, environment – including climate)

Green economic growth
(development of sustainable economy, green jobs)

Poverty reduction and gender inclusion (climate change impact greater for women and poor; good employment opportunities in low carbon)

SE Asia Low Carbon Energy Programme

Statement of Requirements



Green Finance

- Analysis and alignment of green standards
- Engagement and training for local financial institutions & developers
- Developing a pipeline of bankable projects (including establishment of working group)
- Policy and regulatory support; pilot projects



Energy Efficiency

- Establishing / embedding aligned Minimum or Higher Energy Performance Standards (MEPs/HEPs)
- Policy and regulatory support (options: labelling; Energy Technology List; “future cities” planning)
- Business support for EE standards in an industry sector
- Capacity building for suppliers, regulators, ESCOs, officials and establishing EE expert working group
- Developing a pipeline of bankable large-scale EE projects

SE Asia Low Carbon Energy Programme Statement of Requirements

INCEPTION PHASE - four months

Wilton Park Conference on Green Finance in South East Asia July 2018

Green Finance market assessment

Energy Efficiency policy assessment

Identification of sector for Energy
Efficiency intervention

Donor consultation and donor gap
analysis



Inception Report

Activities

KPIs

SE Asia Low Carbon Energy Programme

Split of funding and activity

PHASE 2 - to end March 2021 (but watch this space...)

KEY CONSIDERATIONS



- Regional programme
not selection of country projects



- Economies of Scale



- Challenge of differing capacity and expertise among 6 target countries



THINK CREATIVELY

- Batches
- Differing timelines
- Pilots
- Peer-to-peer learning
- ASEAN support
- Working with donors

Aiming for rough split of funding and activities across 6 countries on green finance, and 5 countries on energy efficiency

SE Asia Low Carbon Energy Programme Breakout Sessions

Session 1: 5:00 – 5:20

Group A - Energy Efficiency

Group B – Energy Efficiency

Group C – Green Finance

Group D – Green Finance

Session 2: 5:20 – 5:40

Group A - Energy Efficiency

Group B – Energy Efficiency

Group C – Green Finance

Group D – Green Finance

KEY ISSUES TO THINK ABOUT:

- Main risks to programme and how to mitigate
- Feedback on the indicative activities/outputs. Are they sufficiently aligned to the outcomes?
- T and Cs – anything that puts you off or needs changing/including?
- Views on delivery of poverty reduction and gender equality objectives
- Views on optimal programme structure and managing across the region
- Any key areas not mentioned?



Contract Award Notice

<http://ted.europa.eu/udl?uri=TED:NOTICE:115615-2018:TEXT:EN:HTML>



SE Asia Prosperity Fund Programme Team

Prosperity.Fund@fco.gov.uk



Follow

<https://GOV.UK>



UK Prosperity Fund

SE Asia Low Carbon Energy Programme

Supplier Day

21 March 2018