



# Briefing on Request for Proposal (“RFP”) for Cascading Power Sources (“CPS”) Development in Sarawak

Sarawak Energy Berhad  
30 January 2026

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# Purpose of the Briefing

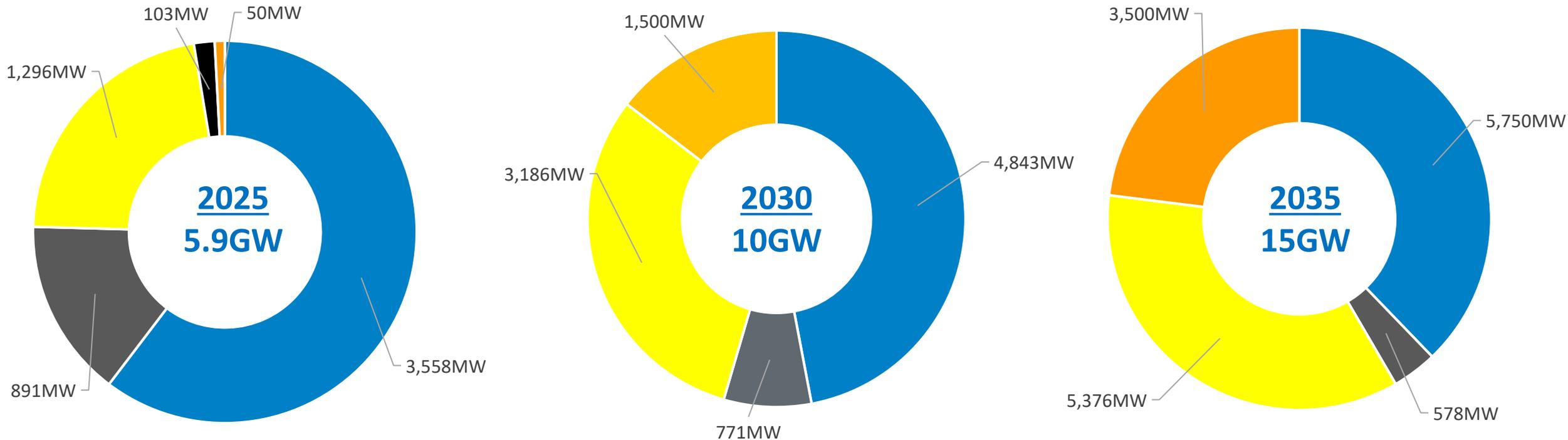
- Provide an **overview of Sarawak's (CPS)** initiative and the **rationale** for advancing Stage 1 feasibility studies.
- Align prospective participants on the **intended CPS development approach**, including basin-centric planning and staged progression.
- Define criteria for **“credible Stage 1 feasibility submission”** (i.e., technical viability, ESG sensitivity screening, and delivery readiness at desktop level).
- Outline **participation management by Sarawak Energy Berhad (“Sarawak Energy”) in the CPS project (“Project”)** and **upcoming milestones** leading to the formal RFP in guiding participants to prepare their submissions.

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# Sarawak's Energy Transition - 10GW by 2030; 15GW by 2035

- Predominantly hydropower, complimented by solar and other renewables, and with gas generation for system operational flexibility, efficiency, stability and reliability
- Current total capacity is about 5.9GW; expanding to 10GW by 2030 and aspired to reach 15GW by 2035, while maintaining at least 60% from renewable energy sources



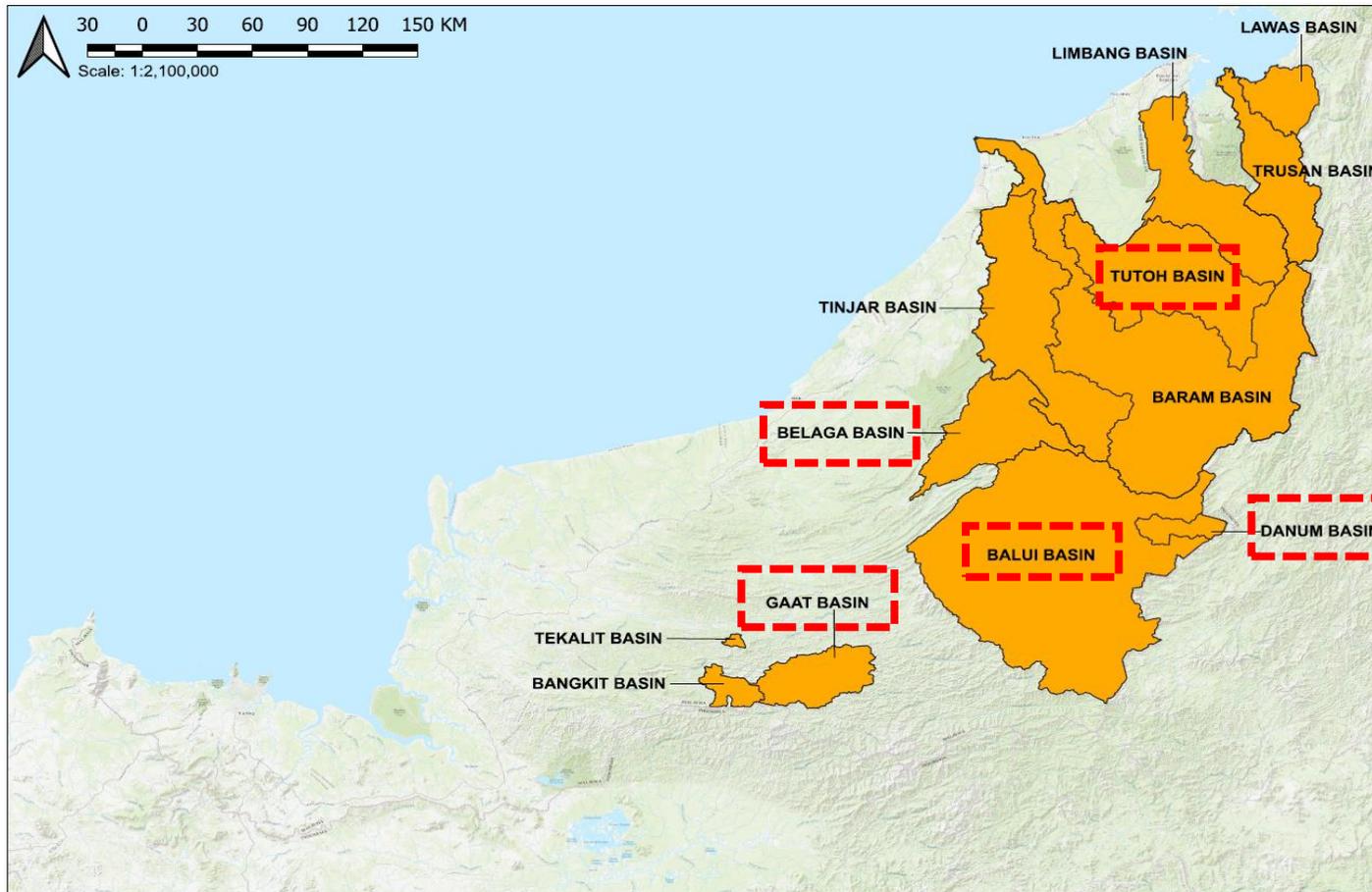
**Generation Capacity**



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# CPS Contribution to 15GW by 2035



- Sarawak's **current generation capacity is 5.9GW**; on track to achieve **10GW by 2030**.
- To reach **15GW of generation capacity by 2035**, **CPS is therefore required**.
- **12 river basins** with CPS potentials, totaling up to **3GW of capacity**, have been identified.
- **Current focus is on the 5 river basins as specified in the RFP**.
- These **high-potential river basins** support phased cascading development that optimises river profiles, minimises environmental and social impacts, and scales output progressively with demand.

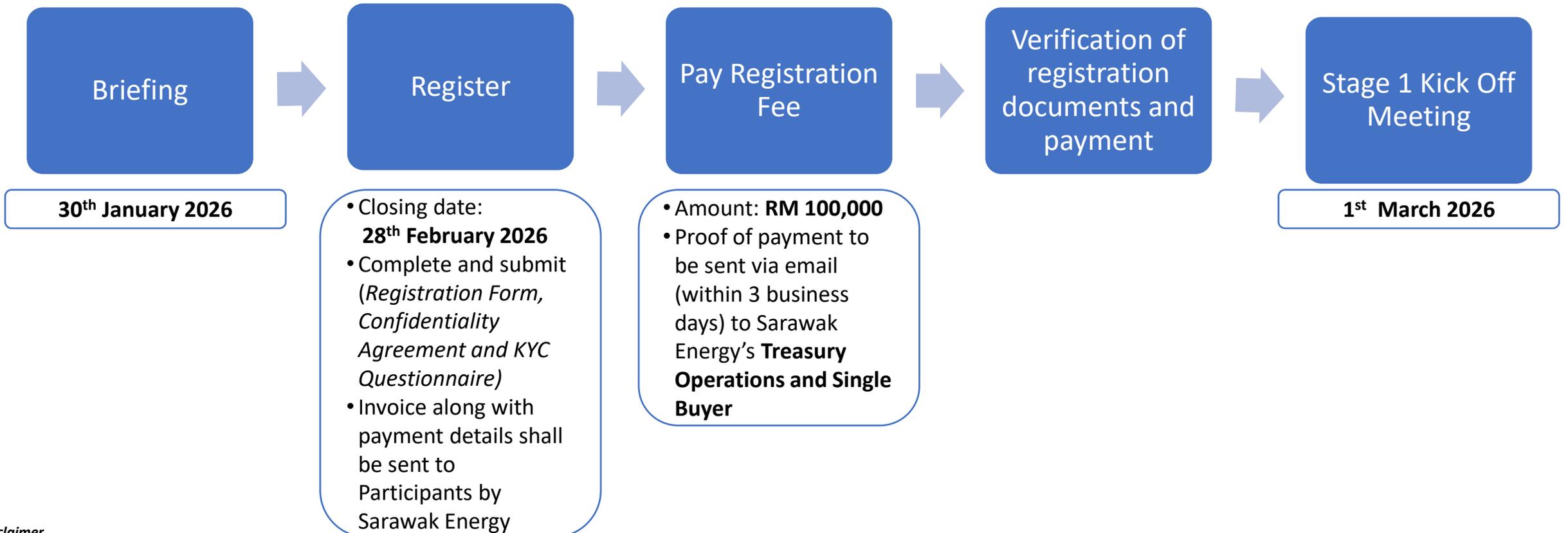
**Strategic engagement with experienced players will accelerate CPS development by strengthening technical and commercial execution.**

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# Administrative Steps to Initiate Stage 1 Feasibility Study

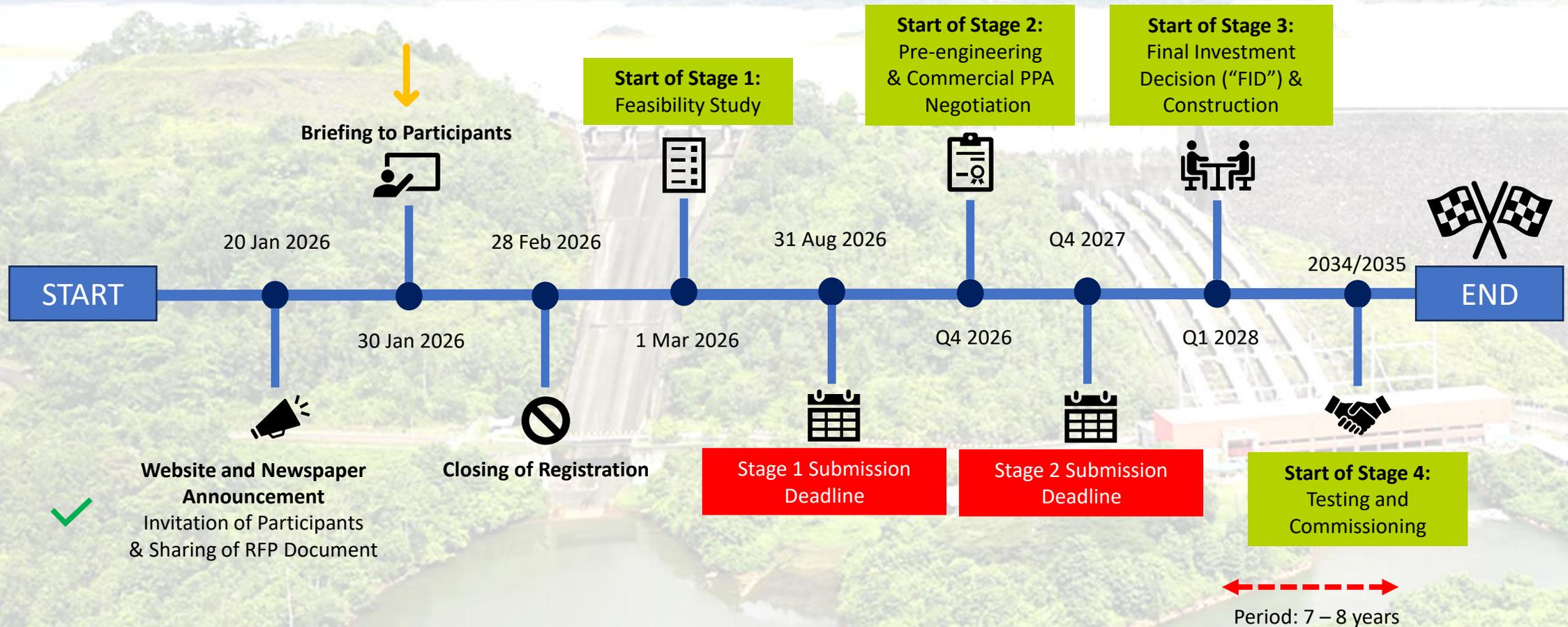
- Complete registration and verification
- Gain access to the Stage 1 Information package
- Participate in formal kick-off meeting



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# Indicative Timeline of CPS Development



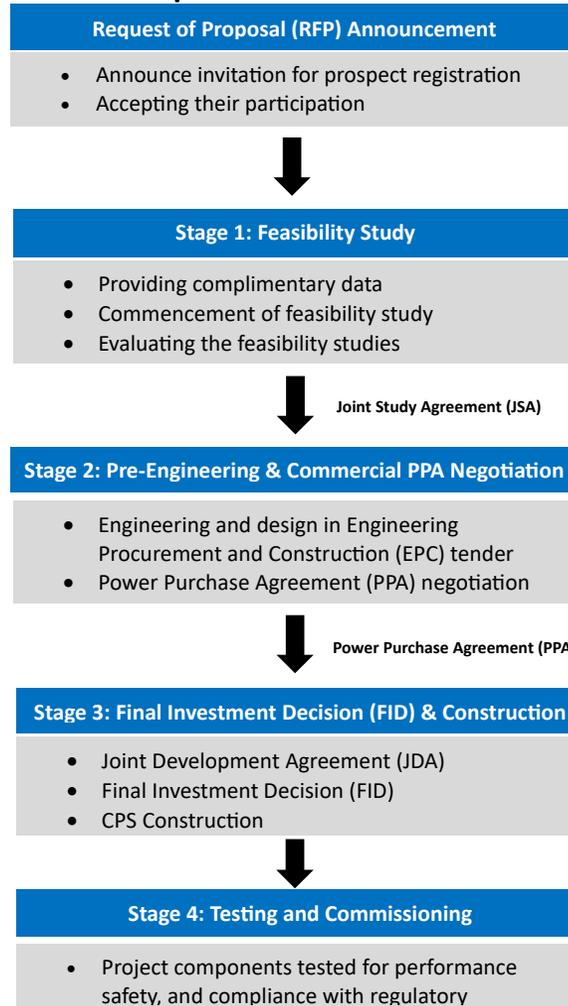
*Note: The timeline shall be reviewed and updated by the Sarawak Energy team as needed.*

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# Overview of CPS Development Framework

The CPS Development Framework provides a structured, transparent and well-governed approach to deliver the CPS development from feasibility through to commissioning.



## Stage 1: Feasibility Study

- Stage 1, Sarawak Energy will provide either general or processed data to the Participants to support feasibility assessments.
- Participants will undertake technical and commercial feasibility studies, including concept development and preliminary engineering analysis.
- Sarawak Energy reviews and evaluates the submitted feasibility reports to determine project viability and readiness for progression to the next stage.

## Stage 2: Pre-Engineering & Commercial Power Purchase Agreement (“PPA”) Negotiation

- Stage 2, Participants will conduct detailed engineering and design activities, including preparation for (Engineering, Procurement, and Construction (“EPC”) tender.
- Commercial negotiations on PPA FID terms will also happen in Stage 2 to establish commercial viability and secure contractual commitments.

## Stage 3: FID & Construction

- Stage 3, FID will be conducted to secure investment commitment and confirm project execution readiness.
- Then, the Project will advance into the construction phase.

## Stage 4: Testing and Commissioning

- Stage 4, marks the transition from construction to operation, where all project components are systematically tested to verify performance, safety, and compliance with regulatory and contractual requirements.

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# Shared Data

4 types of data will be made available to Participants:



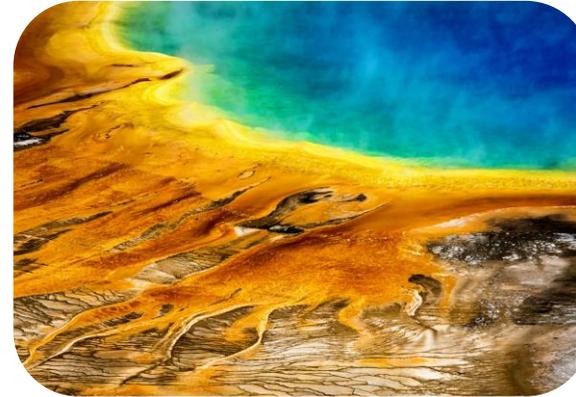
## Hydrology

- Basin-level rainfall, water level, and evaporation data
- Sourced from Sarawak Energy hydrometric stations and Irrigation and Drainage Sarawak



## Environmental & Social

- Baseline demographics (e.g., longhouses, population)
- Forestry-related references from Forest Management Unit and Forest Plantation Management Unit, Total Protected Areas, and Sarawak Heart of Borneo



## Geographical Information System

- Basin boundaries
- Regional topography



## General

- Dam safety, hydropower sustainability, and screening tools/guidelines
- Geological, earthquake, and seismic hazard references

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# Scope of Work & Submission Requirement

Stage 1 requires a structured feasibility submission covering technical, commercial, risk, and ESG workstreams, together with mandatory corporate documents.

## Scope of Work

### Technical Scope

- Site screening & scheme options
- Hydrology & flood (FDC; PMP/PMF)
- Geology/seismic + concept layout
- Power evacuation plan

### Commercial Scope

- DCF model (assumptions)
- OOM CAPEX/OPEX + schedule
- Sensitivities (key value drivers)

### Environmental, Social and Governance

- E&S constraints screening
- Screening tool (HydroSelect/equiv.)
- Key ESG risks + mitigations (planning only)

### Risk Assessment

- Consolidated risk register
- TECOPS-style risks + mitigations
- Fatal flaws + key data gaps (Stage 2)

## Submission Requirement

### Submission Package

- ☑ Complete proposal aligned to Stage 1 scope

### Corporate & Compliance (Mandatory)

- ☑ Legal standing (local/foreign documents)
- ☑ Financials (last 3 Financial Years)
- ☑ Track record + organization chart + key Curriculum Vitae

### Administrative

- ☑ Softcopy: Word + PDF to Single Buyer
- ☑ Received by Closing Date of 31<sup>st</sup> August 2026
- ☑ Validity: 180 days

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# Submission Methods

**Softcopy (Preferable)** to be sent via e-mail to [single.buyer@sarawakenergy.com](mailto:single.buyer@sarawakenergy.com) in Microsoft Word and PDF formats:

- If multiple emails are needed (maximum 25MB per email), index clearly (e.g., Email 1 of 3) and label filenames with Participant's name and proposal title

**Hardcopy (Optional)** to be delivered to:

Single Buyer Unit

Sarawak Energy Berhad

9th Floor, No. 1, The Isthmus

93050 Kuching, Sarawak, Malaysia

All envelopes shall be clearly marked and indicating Participant's name and address.

*Important Notice:*

- *Must be received by Closing Date; late submissions will not be considered*
- *Incomplete submissions may be deemed invalid*
- *Proposal validity: 180 days from Closing Date; no modification/withdrawal after Closing Date unless approved by Sarawak Energy*

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# Important dates

Please note the following dates for the initiation of the RFP process:

Announcement of RFP:	20 <sup>th</sup> January 2026
Briefing session for Participants:	30 <sup>th</sup> January 2026
<b>Closing of Registration:</b>	<b>28<sup>th</sup> February 2026 (Saturday)</b>
<b>Commencement of Stage 1:</b>	<b>1<sup>st</sup> March 2026 (Sunday)</b>
<b>Closing Date for Stage 1 RFP Submission:</b>	<b>12.00pm, 31<sup>st</sup> August 2026 (Monday)</b>

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# Thank You

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