

# German-Australian Hydrogen Innovation and Technology Incubator (HyGATE)

Information Session  
March 2022



Australian Government  
Australian Renewable  
Energy Agency

**ARENA**



# 1. Round Overview

# Overview of the Round

## The HyGATE Initiative

Initiative under the Australia-Germany Hydrogen Accord

### The Round

Targeted funding round to administer the HyGATE Initiative

- Opened 8 March 2022
- Two-stage competitive process (Expressions of Interest and Full Application)

### ARENA

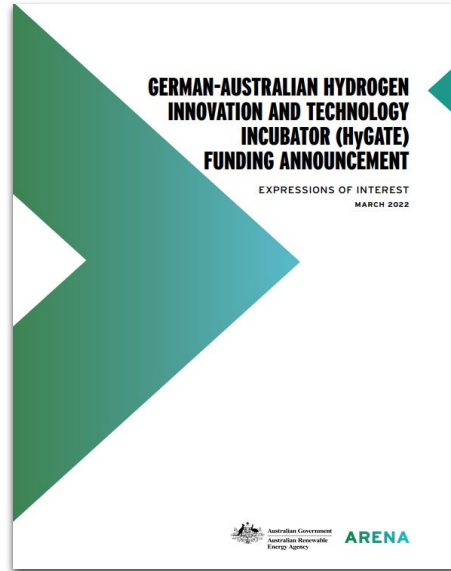
Australian HyGATE Delivery Partner  
\$50 million to administer HyGATE

### PtJ

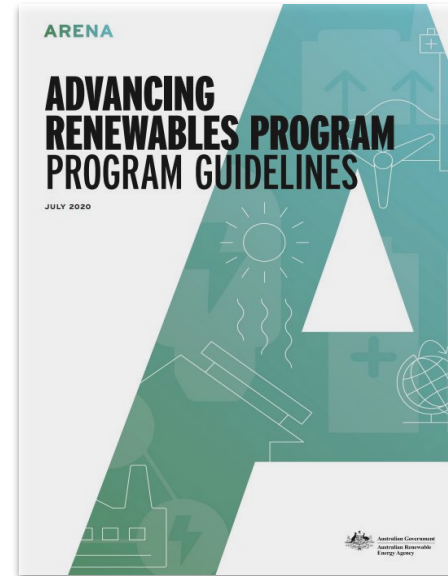
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# Key documents

## HyGATE Funding Announcement



## Advancing Renewables Program Guidelines



## Round Key Objectives

The Round is targeting projects that will deliver one or more of the following outcomes:

01

**Demonstration of highly innovative technology** across the value chain of renewable hydrogen, supporting the technical viability of renewable hydrogen

02

**Reduction of the cost** of hydrogen production, transport, storage and use, supporting the commercial viability of renewable hydrogen

03

**Development of an Australian-German supply-chain** for renewable hydrogen

04

Encourage **cross country collaboration and knowledge sharing** between Australian and German organisations, including the establishment of cross-country partnerships related to the project activities

05

Provide **price discovery and transparency** in relation to the current and projected economics for renewable hydrogen technologies.

*Eligibility and Merit Criteria are discussed in greater detail in Section 3 of the webinar.*

## Scope of the Round

The Round is targeting projects with the following characteristics:

<b>Project focus</b>	<ul style="list-style-type: none"><li>• Projects that <b>reduce the cost of renewable hydrogen</b> across the entire value chain (production, transport and use)</li><li>• Contributes to development of a renewable hydrogen <b>supply chain from Australia to Germany</b></li></ul>
<b>Project development stage</b>	Projects that have a more timely proposed Financial Close and commissioning timetable may be assessed as higher merit
<b>Project location</b>	Project activities must primarily take place in <b>Australia</b>

### Project examples (not exhaustive)

#### Production

**Large scale deployment** project in Australia utilising a **German electrolyser or technology** for domestic hydrogen use in Australia

#### Use case

**Australian deployment** project for hydrogen **mobility** with a **German technology provider** (i.e. vehicles, electrolyser, refuelling infrastructure etc)

#### Status

Preference for more timely proposed Financial Close i.e. 12-18 months of award of funding

## Consortium requirements

- **Consortium members** - Consortium to include at least:
  - One **eligible Australian organisation**
  - One **German research organisation**
  - One **German industry organisation**
- Other organisations can also be involved
- **Lead applicant** - one organisation is to apply to ARENA on behalf of the Consortium. This organisation must be eligible to apply to ARENA
  - For example, research institutions can be part of the Consortium but cannot be the lead Australian applicant (per ARP Guidelines)
  - **German organisation(s) must apply separately to PtJ**



## 2. Application and Assessment Process



# HyGATE application and assessment process

## Two stage process

- Submit EOI application online through ARENANet before the EOI Due Date
- Only successful applicants to the EOI stage will be invited to submit a full application

## Eligibility Criteria

- 6 eligibility criteria (A - F)
- All must be met to proceed to merit assessment

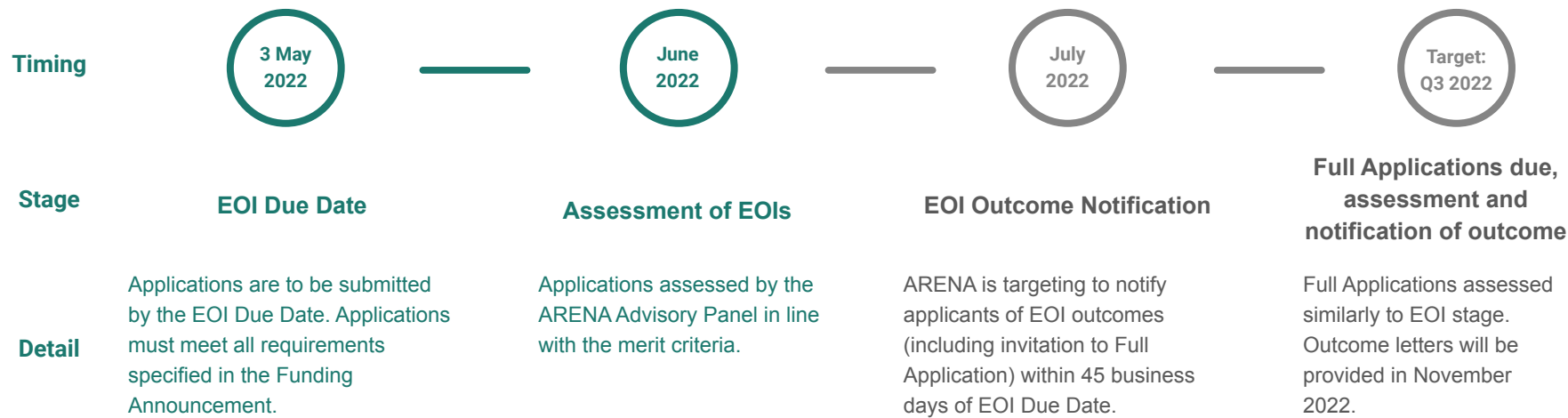
## Assessment and Merit Criteria

- All 5 merit criteria equally weighted
- ARENA Advisory Panel will assess applications against merit criteria
- Applications must be considered to be of overall high merit against the merit criteria to be recommended to be invited to submit a full application
- Feedback and/or conditions to funding may be provided by ARENA
- Applications reviewed against the existing and emerging project portfolio (portfolio fit)

## German Process

- Application must also be made to PtJ
- Applicants must be successful in both ARENA and PtJ processes
- Information requirements and application processes are intended to be similar

# Applying to the Round



## PtJ interface

Refer to guidance provided by PtJ

Applications must be successful under both ARENA and PtJ processes

*Note: timelines outlined are subject to change. Please consider as indicative only and refer to the Funding Announcement or HyGATE webpage for latest key dates.*

# Attachments (required)

The following are required attachments at EOI stage:

<b>1</b>	<b>Project plan</b>	Refer to Appendix A section 1 and 2 of Funding Announcement for project plan requirements.	<b>5</b>	<b>Risk management plan</b>	Applicants to use their own template.
<b>2</b>	<b>Financial model</b>	Refer to Appendix A section 3 of Funding Announcement for financial model requirements.	<b>6</b>	<b>Knowledge sharing plan</b>	Template provided by ARENA, available on <a href="#">HyGATE webpage</a> .
<b>3</b>	<b>Project budget</b>	Spreadsheets, calculations and budgetary evidence / quotes should be provided to support Application budget.	<b>7</b>	<b>Evidence of Consortium commitments to the project</b>	MOU governing the relationship of the Consortium members and respective commitments to the project.
<b>4</b>	<b>Funding agreement compliance table response</b>	Template provided by ARENA, available on <a href="#">HyGATE webpage</a> .	<b>8</b>	<b>Project timetable</b>	Detailed timetable for the key development milestones of the project.

## Attachments (optional)

The following attachments are **optional**. However, you are encouraged to provide as much supporting detail as possible:

- CVs for key personnel, detailing experience relevant to the project
- Evidence of financial capacity of Consortium members (documentation to support the Consortium's ability to support its proposed financial contribution to the project)
- Letters of support from key stakeholders
- Any other documents available for diligence

Applicants are encouraged to share the same level of information and detail with both ARENA and PtJ.

The application submitted by the Consortium to PtJ does not need to be provided to ARENA. However, applicants must confirm that an appropriate submission has been (or will be) made to the German delivery partner for the HyGATE Initiative.

## Key points to note in applying to the Round

- ✓ **Consortium** - Ensure you are part of an eligible Consortium
  - Only one application submitted to ARENA on behalf of the Consortium, by an eligible applicant
- ✓ **Due date** - Submit your application via ARENANet by the EOI Due Date
  - German application also submitted to PtJ by due date
- ✓ **Application attachments** - Application includes required attachments, including project plan in the specified structure
  - Refer Appendix A of the Funding Announcement
- ✓ **Scope of application** - Application should discuss the *whole* project (not just what is taking place in Australia, or is the subject of the ARENA funding request)
- ✓ **Information sharing** - Consent to the sharing of information between PtJ and ARENA within ARENANet application

*Note: no assistance will be provided by ARENA on EOI applications.*

# 3. Eligibility and Merit Criteria

# Eligibility Criteria

<b>A - eligible applicant</b>	<ul style="list-style-type: none"><li>● Must hold an Australian Business Number (ABN) and be either:<ul style="list-style-type: none"><li>○ an Australian entity incorporated under the Corporations Act 2001 (Cth); or</li><li>○ a Commonwealth entity prescribed as a government business enterprise by section 5(1) of the Public Governance, Performance and Accountability Rule 2014; or</li><li>○ an Australian State or Territory owned corporation or a subsidiary of an Australian state or territory owned corporation; or</li><li>○ an Australian local government or council.</li></ul></li></ul>
<b>B - eligible activity</b>	<ul style="list-style-type: none"><li>● Involves a Renewable Energy Technology that has the potential to contribute to the Program Outcomes;</li><li>● Has achieved a Technology Readiness Level (TRL) of 4 or above;</li></ul>
<b>C - take place in Australia</b>	<ul style="list-style-type: none"><li>● The majority of the Project activities must take place in Australia.</li></ul>
<b>D - knowledge sharing</b>	<ul style="list-style-type: none"><li>● Must agree to ARENA's Knowledge Sharing Plan, which is included as part of the Funding Agreement template.</li></ul>
<b>E - intellectual property</b>	<ul style="list-style-type: none"><li>● Must warrant that the Applicant has ownership or access to any IP necessary to complete the project.</li></ul>
<b>F - comply with other requirements</b>	<ul style="list-style-type: none"><li>● Must not be named as an organisation: that has not complied with the Workplace Gender Equality Act 2012 (Cth); or on the list of persons and entities designated as terrorists.</li><li>● Must disclose any legal proceedings or investigation including litigation, arbitration, mediation or conciliation that are taking place, pending or threatened against you or a related body corporate.</li></ul>

## Merit Criterion summary and ARENA focus at EOI stage

<b>Merit Criterion A</b>	<b>Contributes to the Program Outcomes</b>	ARENA will focus on the extent to which Applicants clearly demonstrate the potential of the project to achieve the Round Key Objectives and alignment with the Scope of the Round.
<b>Merit Criterion B</b>	<b>Applicant capability and capacity</b>	ARENA will focus on the Consortium's demonstrated ability to develop the project from its current stage to the level of readiness at the Full Application stage, along with the level or commitment and engagement of key project partners.
<b>Merit Criterion C</b>	<b>Activity design, methodology, risk and compliance</b>	ARENA will focus on the quality of the project plan and timeline, which should demonstrate the Applicant has the resources and plans in place to deliver the project as described.
<b>Merit Criterion D</b>	<b>Financial viability and co-funding commitment</b>	ARENA will focus on level of funding certainty to deliver the project within the proposed timetable and the appropriateness of resources and funding requested.
<b>Merit Criterion E</b>	<b>Knowledge sharing</b>	Applicants must provide a completed version of the template Knowledge Sharing Plan, including any additional knowledge sharing deliverables proposed.





## 4. Key dates and links

# Key dates and links

## Round opened

8 March 2022

## EOI Due Date

3 May 2022

## EOI Outcome Notification

Within 45 business days of EOI Due Date

## Final outcomes of Full Application

November 2022

*Dates are indicative and subject to change*

## ARENA HyGATE webpage

[arena.gov.au/funding/german-australian-hydrogen-innovation-and-technology-incubator-hygate/](https://arena.gov.au/funding/german-australian-hydrogen-innovation-and-technology-incubator-hygate/)

## ARENANet

[arenaomnistar.f1solutions.com.au/](https://arenaomnistar.f1solutions.com.au/) or through the HyGATE webpage

## Funding Announcement

[arena.gov.au/assets/2022/03/hygate-expression-of-interest-funding-announcement.pdf](https://arena.gov.au/assets/2022/03/hygate-expression-of-interest-funding-announcement.pdf)

## FAQs

[arena.gov.au/assets/2022/03/hygate-frequently-asked-questions.pdf](https://arena.gov.au/assets/2022/03/hygate-frequently-asked-questions.pdf)

## PtJ HyGATE Webpage

[ptj.de/projektfoerderung/anwendungsorientierte-grundlagenforschung-energie/hygate](https://ptj.de/projektfoerderung/anwendungsorientierte-grundlagenforschung-energie/hygate)

## Further questions?

Email [hydrogen@arena.gov.au](mailto:hydrogen@arena.gov.au)

*Note ARENA can only provide clarifications around procedural matters. No assistance in developing applications will be provided during the EOI phase.*