

PETRONAS TECHNOLOGY CHALLENGE – MINIMUM PROPOSAL REQUIREMENT CHECKLIST

Note: This checklist is to guide you in preparing your technology proposal. All proposal MUST be submitted online via iG@P platform under Tech Challenge section: <https://innovation.petronas.com>

Please ensure your company has been registered with iG@P prior submitting your technology proposal

Company Registration

(Info required for user ID registration in iG@P website)

1. Company Name
2. Company Website
3. Contact Number
4. Company Registration Number (Malaysia Company)
5. PETRONAS Licensed Number (if applicable)
6. Company Address
7. Contact Person
8. Contact Number
9. Contact Email
10. Business Type (*Oil and Gas Services/Research Institute/Manufacturing/Technology Company/Others (please specify)*)
11. Company Profile (*please attach*)

Proposed Technology

(Info required for online Technology Challenge proposal submission via iG@P website)

Step 1/7: Company Information

- 1.1. Please select Technology Challenge from the list
- 1.2. Submission category (*Own Company / Joint Submission*)
 - Joint submission (if applicable)
 - 1.2.1. Name of Technology Partner
 - 1.2.2. Partner roles
 - 1.2.3. Company Address
 - 1.2.4. Contact Person
 - 1.2.5. Contact Email
 - 1.2.6. Company Profile (please attach)

- 1.3. Ownership of technology (*Own technology/ Exclusive Agent/ Non-Exclusive Agent*)
- 1.4. Details of Principal Company
 - 1.4.1. Name of Principal Company
 - 1.4.2. Principal company address
 - 1.4.3. Contact Person
 - 1.4.4. Contact Email
 - 1.4.5. Company Profile (please attach)

Step 2 /7: Basic Information

- 2.1. Technology / Product Title
- 2.2. Technology / Product Code (if any)
- 2.3. Category
- 2.4. Product / technology Offering
- 2.5. Readiness: TRL 1 – 7
- 2.6. Applicability: *Upstream / Downstream/ Gas / New Energy / Retail / Logistics / Research Development / Learning Tool*
- 2.7. Product Technology Image (please attach)

Step 3/7: Technical Information

3. About Technology
 - 3.1. Executive Summary
 - 3.1.1. Technology Description
 - 3.1.2. Problem / Issues That It Solved
 - 3.1.3. The Solution (how the product/technology works)
 - 3.1.4. Please specify operating envelope of the proposed technology/product
 - 3.1.5. Please state advantages of the proposed technology
 - 3.1.6. Please state limitations of the proposed technology
 - 3.1.7. Background of the Product / Technology (if any)
 - 3.1.8. Key Achievements to Date
 - 3.2. Value Creation
 - 3.2.1. Potential Value Creation (VC) with regards to this technology challenge
 - 3.2.2. Please attach supporting calculation for VC
 - 3.3. Technology / Product Deployment
 - 3.3.1. Number of months required to deploy technology
 - 3.3.2. Please attach schedule (activities timeline) to deploy proposed technology

3.3.3. Please attach project/team org chart

3.4. Brochure / Technical Specification / Video

3.4.1. Please attach technology / product brochure / technical specifications / drawings / formulae / operating procedures

3.4.2. Please attach technology / product video

Step 4/7: Supporting Information

4. Publication / Recognition

4.1. Has the technology/product been published in any recognised Conference

4.1.1. Please attach journal or related conference paper

4.2. Has the technology/product received any certification from recognised bodies

4.2.1. Name of Certification

4.2.2. Name of Certification Bodies

4.2.3. Year Certified & Validity

4.2.4. Please attach the certificate

Step 5/7: Intellectual Property

5. Intellectual Property

5.1. Does the technology / product proposed holds any IP?

5.1.1. Title of IP

5.1.2. Type of IP

5.1.3. Owner of IP

5.1.4. IP Filing Number

5.1.5. Date of Filing

Step 6/7: Technology Deployment Track Records

6. Technology Deployment Track Records

6.1. Has the technology been deployed in PETRONAS? (Yes/No)

6.1.1. Please attach the close out report

6.2. Has the technology been deployed outside PETRONAS? (Yes/No)

6.2.1. Please attach Case Study on technology deployment

Step 7/7: Submission Summary

(please review your information before submitting)