

Agenda for 14 Dec 2022 (INNOVSPUR SOFT LAUNCH)

Agenda

6:30 PM - Lesson Learnt from RUN 1

6:40 PM - Call for Proposal for RUN 2 (2023)

6:50 PM - Sandbox & Intervention Research

7:00 PM – innovSeries

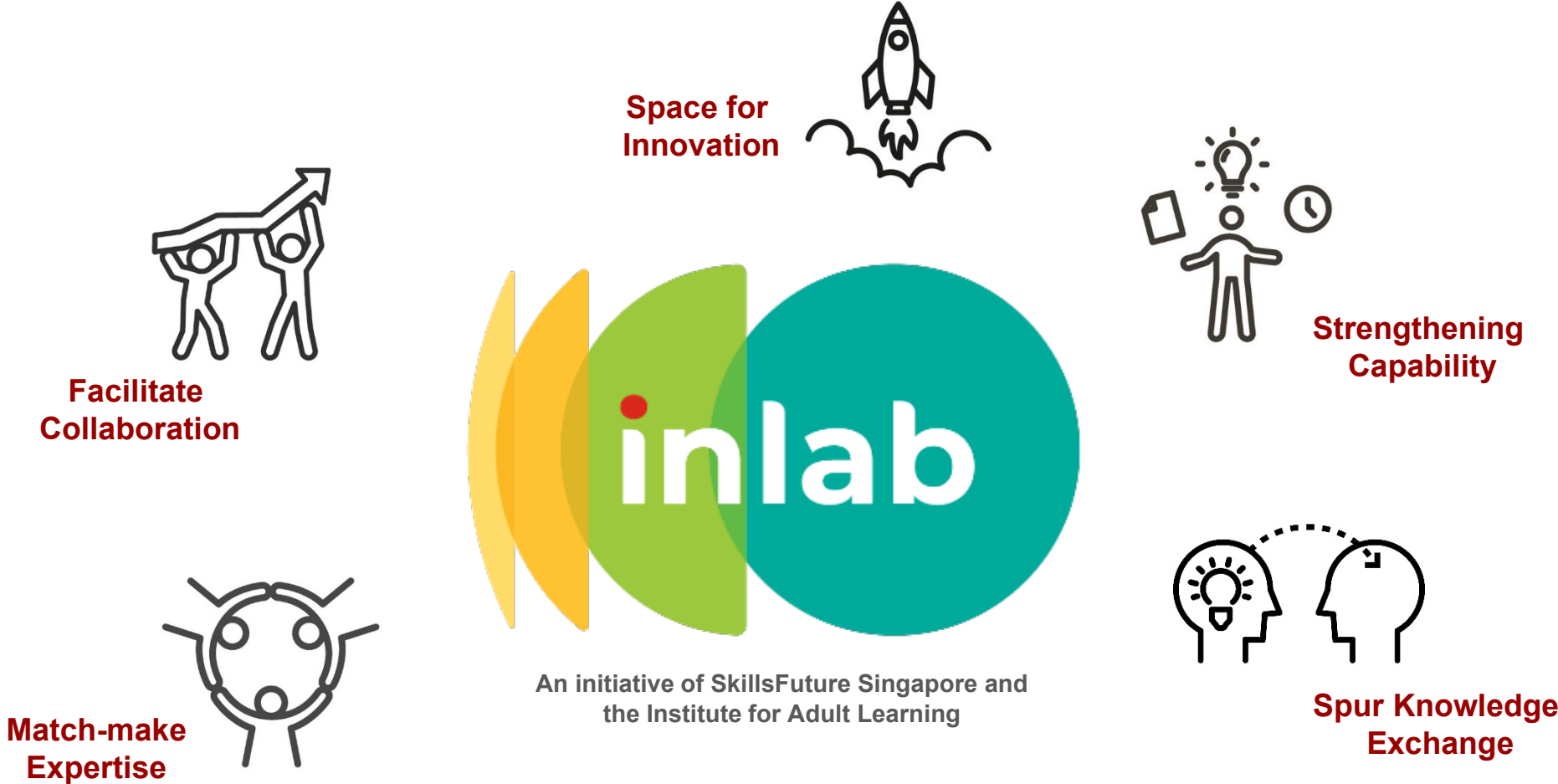
7:15 PM - Intellectual Property for Learning Innovation
(SUSS, A/P Dr Eric Gan)

7:30 PM - Networking Dinner & (1-1 Chat with innovSpur Team)



Innovation Centre for the CET Sector

Bringing together the CET community to explore, collaborate and innovate learning solutions.



* CET – Continuing Education and Training





Building a Vibrant Learning Innovation Ecosystem

Engaging interested stakeholders who can value-add to driving innovation in CET learning.

Partnering with Purpose

- **Get involved in or contribute to our programs and initiatives**
- **Create value for CET learning, and stay on the cutting-edge, by participating in or adopting our learning solutions trials, prototypes and sandboxes**
- **Develop proprietary, next-generation innovations incorporating latest technology and practice**



**Training Providers
and Professionals
(TAE Community)**



**Enterprises and
Industry Associations**



Solutionist Organisations



A Good Proposal

Page Format	Font Type	Font Size	Line Spacing	Alignment
A4 –A3 (Gantt chart, etc)	Arial	12	Single	Justify

A well-written proposal has certain elements in common and it is useful for applicants to include the following items in their proposals:

- (1) Title page: The title should be clear, concise, and free of jargon. It should describe in plain English, what your project is trying to achieve.
- (2) Table of Contents: Reviewers need info on your proposal quickly and compare with another proposal. A good TOC helps to extract information easily.
- (3) Follow the Guidelines for a Good Proposal: See the next page and the application form. The Preamble is an executive summary that describes and sums up what you want to address in the proposal.

Guidelines for a Good Proposal

Lessons Learnt

Your proposal has to convince the Reviewers that your project is worthwhile and that you have the competence and plan to achieve the goals. Minimally:

Background: Follow the Appln form (applicant details, TRL)

To improve

Chapter 1: Preambles (page 1-3)

Description of the project

- i. Describe the product/service or technology that you are developing.
- ii. What are the similar systems/solutions in the market (if any)? How is your product different or better?
- iii. What are the barriers to entry (if any) that will make replication of your product/service difficult for your competitors?
- iv. For this product, what is the target market in terms of size, customers, market niche, and geographical coverage?
- v. What are the pedagogical/andragogical underpinnings?
- vi. What are your pricing, promotion, sales, and distribution strategies?
- vii. Have you obtained any indications of interest from relevant reference customers, partners, adopters, or third-party investors for the proposed project?

Chapter 2: Preambles (page 4-5)

To improve

- Relevance to IN.LEARN2.0 & Contribution to Grant Objectives
 - i. The extent of innovativeness and ecosystem disruption (i.e. are similar solutions
 - ii. Expected impact on individuals, training providers, and enterprises?
 - iii. Scalability within and beyond Singapore?

Lastly... All Attachments as in the Annexes

Chapter 3: The Reason / Motivation to develop the project.

Chapter 4: Your innovation: description of project + a separate page (s) on Pedagogical underpinning.

Chapter 5: Market Study of the Product (Market Viability Review)

Chapter 6: The Strategies to be implemented for the product to be profitable

To improve

Chapter 7: Resources

To improve

Total pages in Chapters about 25-45.

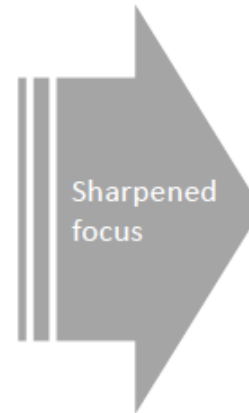
Chapter 8: Challenges, Risks & Mitigation measures



BACKGROUND

Building on past achievements, iN.LEARN2.0 is taking on a more targeted approach to (1) Co-fund and co-share the risks of promising innovations and grant **regulatory** waivers to remove barriers that hinder the testing of new learning innovations and (2) Create a conducive environment for prototyping, testing and scaling up of learning innovations.

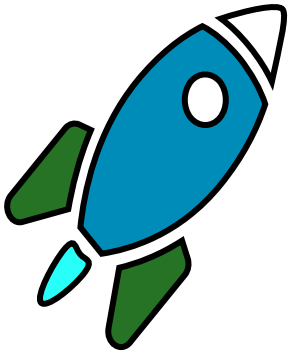
iN.LEARN2020
Laid foundation for innovative and blended learning in TAE sector
<ul style="list-style-type: none">▪ Seed innovation: InnovJam (ideation), InnovPlus (prototyping), LTAG (adoption)▪ Incentivise development of online learning courseware▪ Develop manpower: upskill AEs in innovative learning practices▪ Build support infrastructure: iN.LAB, Total Online Learning Solutions



iN.LEARN2.0
Incubate and accelerate promising solutions
<ul style="list-style-type: none">▪ Identify medium-term problem statements and priority concerns in TAE sector▪ Create a conducive environment for prototyping, testing and scaling up of training innovations, by a range of solutionists (e.g. EdTech providers, startups, training providers, AEs)



IN.LEARN2.0



- Building and extending on iN.LEARN 2020, iN.LEARN2.0 focuses on **scaling** up adoption of innovative learning solutions comprising:

First, Incubate prototypes for **industry-wide** application;

Second, Accelerate promising prototypes towards **commercialisation**; and

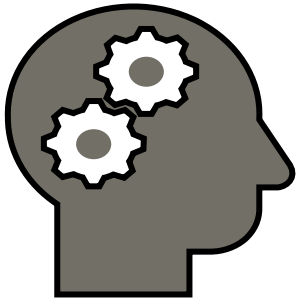
Third, SSG Innovation Sandbox which provides innovators a conducive space for the experimentation and implementation of innovative CET solutions by granting time-limited regulatory waivers so that courses delivered using these innovative solutions can be eligible for SSG course fee funding and/or SkillsFuture Credit.

- Four focal areas:

The proposed solutions and/or Innovation Sandbox should fulfill at least one of four **focus** areas:

- 1) Increasing the uptake of online and blended learning by individuals;
- 2) Amplifying enterprises' adoption of innovative learning technology;
- 3) Developing effective remote assessment and proctoring solutions for individual and enterprise-led training; and
- 4) Developing effective placement solutions that tighten the industry-training nexus

IN.LEARN2.0



	Incubator (innovPlus)	Accelerator (innovSpur)	Innovation Sandbox ^{^SSG}
Description	Develops promising ideas into minimum viable products (MVPs)	Develops successful Incubator MVPs into minimum marketable products (MMPs)	Helps innovators surmount regulatory obstacles to access course fee funding or SkillsFuture Credit
Quantum	Up to \$200,000 per project, for a year	Up to \$500,000 per project. (in normal case, it should not take more than 12 months to further develop MMP from a prototype)	The Sandbox does not provide its participants with additional grants. However, training providers who availed their courses for testing and experimenting with innovative solutions can continue to enjoy course fee funding and/or SkillsFuture Credit eligibility
Projects per year (Target outcome)	Refer innovPlus url	~3	





This call is open to all Singapore registered companies fulfilling the following criteria

- a) Registered and operating in Singapore;
- b) Local and foreign entities (with local UEN)

The initiative is open to an inclusive group of innovators, and is targeted at training providers, Education Technology solutionists, enterprises, and Training and Adult Education professionals.



The proposed solutions should fulfil at least one of Four **focus** areas:

- 1) Increase the uptake of online and blended learning by individuals;
- 2) Amplifying enterprises' adoption of innovative learning technology; and
- 3) developing effective remote assessment and proctoring solutions for individual and enterprise-led training.
- 4) Develop effective placement solutions, enterprises, & Training and Adult Education nexus.





	Details
Project Duration	Typically 12 months
Support Quantum	Up to S\$500,000 of project qualifying cost
Qualifying Cost Items	<ul style="list-style-type: none">• 25% co-contribution of eligible cost• Basic Manpower Costs• Equipment / Softwares• Material & Consumables• Professional Services

- **Evaluation Panel:** Two stages (Shortlist & Winning). Final Winning Stage:
 - (1) SSG
 - (2) IAL
 - (3) Proposal/ Industry Reviewers (International / Esteemed)



Shortlisting Criteria

- 1 Completeness of Proposals
- 2 Compliance with conditions e.g. alignment to focus area, extent of achieving intended learning outcomes
- 3 Completeness and Soundness**
Quality of Proposal (Product-Market-Technology + Commercialisation Plan) to achieve Technology Readiness Level ≥ 7 (min), 02 (min) x Enterprise Adoption from Different Sectors
 - 3a Business (Market and Competition)
 - 3b Business (Receivers)
 - 3c Technology (Technical application / intellectual properties)
 - 3d Project & Plan (Resources)
 - 3e Risk, Challenges and Mitigations

Important Considerations

1. Extent of innovativeness and ecosystem disruption (i.e. are similar solutions available in the market)
- 2 Scalability within and beyond Singapore (outcomes beyond 02 adopters/learners0
- 3 Suitable risk mitigation strategy, including a realistic implementation plan and schedule
- 4 Track record and required skills/competencies of project team

Stage 2: Award Evaluation Criteria

(A)
Contribution to
Grant
Objectives
(30 pts)

- **Alignment to one or more of the four Focus Areas**
- **Contribute to INLEARN2.0's goal of driving learning innovation**
- **Potential to increase adoption for individual / enterprises | TAE**
- **Fit 4 Purpose**

(B) Strength of
Scientific
Excellence &
Innovation
Potential
(20 pts)

- **Extent Project Objectives can be met**
- **Framework, Design, Methodology appropriate and sound**
- **Sufficiency of data / scientific justification / market research**
- **Extent of innovativeness and Technology Readiness Level (TRL) (entry & exit)**
- **Learning solutions / outcomes and concepts: extent it is original & innovative**
- **Address a capability gap, major trend/ driver of change to impact TAE**
- **Pedagogical underpinnings (Integration of research knowledge and use of learning theories into the proposed innovation)**



Stage 2: Award Evaluation Criteria

(C) Application & Deployment in Singapore & Commercialisation (30 pts)

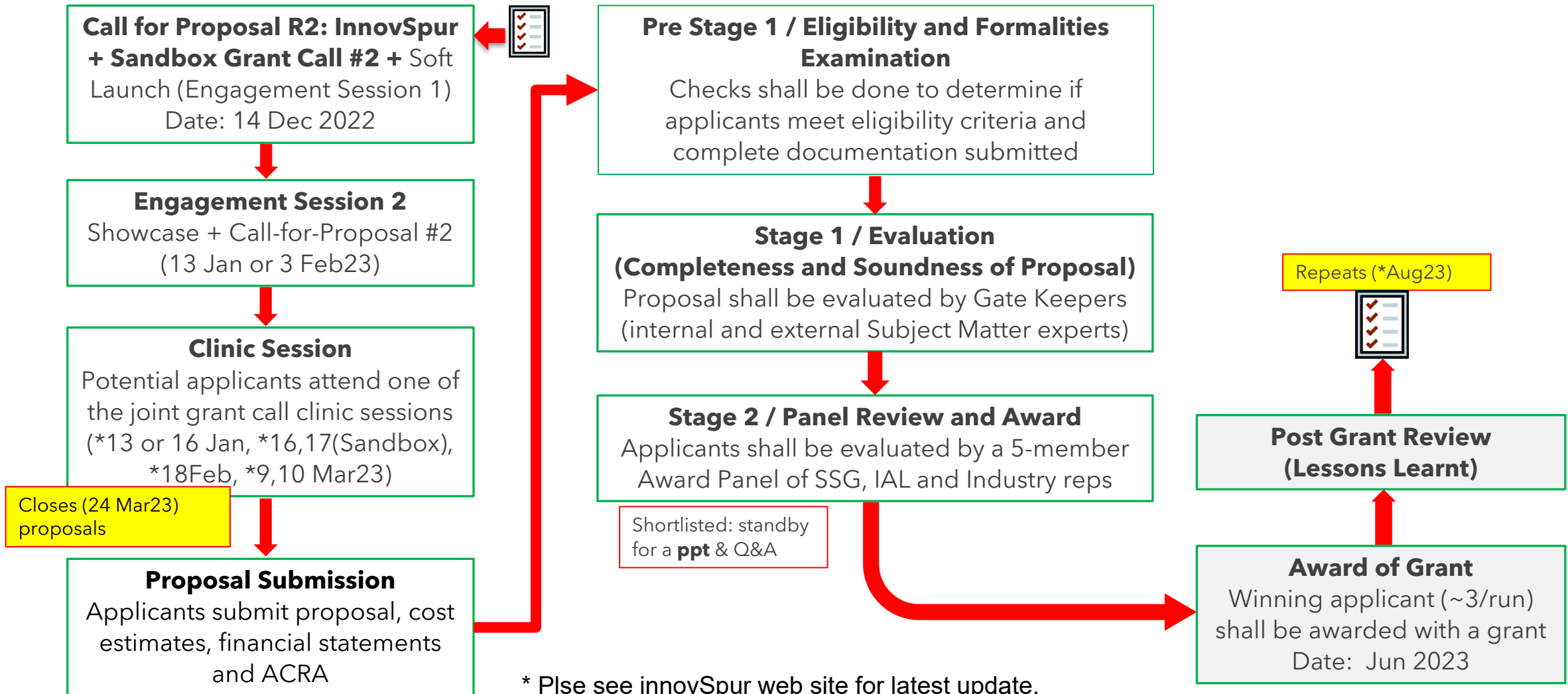
- Potential to develop a product, process or service that leads to commercialisation
- Diversity in the participating pilot (adopter) organisation
- Ecosystem disruption / Plan to translate to the identified industry(ies), industry engagement
- Expected impact on individuals, training providers & enterprises
- Suitable risk mitigation strategy, realistic implementation (& a post-implementation) plan & schedule
- Scalability within & beyond Singapore

(D) Execution Strength & Technical Competency (20 pts)

- Members with relevant expertise and experience
- Proposal integrate relevant public /pvt sector, tech providers & adopters fm SG or international to strengthen market appeal and enhance competitiveness
- Project milestones and resources



Submission / Evaluation Process (run 2)



* Please see innovSpur web site for latest update.

Next Steps : Application Process

- To read the Info kits and follow the application guidelines in the checklist page eg

- Documents:

- Grant Call Info Sheet
- Application Form
- Accelerator project proposal
- Annex A – Schedule
- Annex B – Budget
- Annex C – CV
- Annex D – letter of intents (02 enterprise adaptors)
- Application checklist
- Declaration and Consent

- Application Evaluation Matrix, Financial Assessment,

- Regulatory Sandbox

Contact Person: selynchenqw@ial.edu.sg

WP to walk thru the Application Form

ACCELERATOR APPLICATION FORM

SKILLSfuture SG IAL INSTITUTE FOR ADULT LEARNING SINGAPORE

IN.LEARN 2025 ACCELERATOR (SSG-IAL) PROGRAMME
1ST GRANT CALL

(FOCUS AREA 1: INCREASE INDIVIDUALS' TAKE-UP LI
(FOCUS AREA 2: INCREASE ENTERPRISE'S ADOPTION OF INNOVATIVE
(FOCUS AREA 3: DEVELOP ROBUST REMOTE ASSESSMENT SOLUTI
ENTERPRISE-LED TRAINING)

All information is treated in confidence. The information is furnished to the IAL with the un disclosed for evaluation, reference, and reporting purposes. Please complete ALL sections, carefully. Incomplete submissions will not be accepted.

1. PROJECT DETAILS & DESCRIPTION:

Proposal ID: Focus Area:

Proposal Title:

Budget Requested : \$	Period of Support: years	Main UEN:
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List of Project Team Members (Please add/delete rows where necessary)

Role	Name	Designation	Department & Institution	Contact (Email)
Lead PI ¹				
Co-PI ² (1)				
Co-PI (2)				
Co-PI (3)				
Collaborator ³ (1)				

¹ Main application refers to the organisation Singapore-based company registration no (UEN), to which the Lead PI belongs, which will provide proposed project. This organisation will be named in the Letter of Award as

ACCELERATOR APPLICATION FORM

Collaborator (2)					
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to which the Lead PI belongs, which will provide the primary support for the proposed project. This organisation will be named in the Letter of Award as the Host

² Lead PI refers to the Lead Principal Investigator who is Award as the Lead Principal Investigator for the project.

³ Co-PI refers to the Co-Principal Investigator who is the p as a Co-Principal Investigator for the project.

⁴ Collaborator refers to any company, institution, incorpor collaborator, which is not the employer institution of the Lead Investigator but is to be engaged in the project in collaboration is likely an Enterprise that adopts learning technology receive any part of the funding for the project. Must be a n

Technology Readiness Levels (TRL)

TRL	TRL	TRL
TRL 1	Basic principles observed and reported	Lowest level of techn research begins to b research and develop include paper studies properties.
TRL 2	Technology concept and/or application formulated	Invention begins. On practical applications are speculative, and detailed analysis to s Examples are limited
TRL 3	Analytical and experimental critical function and/or characteristic proof of concept	Active R&D is initiate studies and laborator the analytical predicti technology. Example not yet integrated or i
TRL 4	Component and / or breadboard validation in laboratory environment	Basic technological c establish that they wi "low fidelity" compare Examples include the in the laboratory.
TRL 5	Component and / or breadboard validation in relevant environment	Fidelity of breadboar significantly. The bas integrated with reaso elements so they can environment. Exampl laboratory integration

ACCELERATOR APPLICATION FORM

TRL	TRL	TRL
TRL 6	System/subsystem model or prototype demonstration in a relevant environment	Representative model or prototype system, which is well beyond that of TRL 5. is tested in a relevant environment. Represents a major step up from TRL 5 by requiring demonstration of an actual system prototype in an operational environment (e.g., in an aircraft, in a vehicle, or in space).
TRL 7	System prototype demonstration in an operational environment	Prototype near or at the planned operational system. Represents a major step up from TRL 6 by requiring demonstration of an actual system prototype in an operational environment (e.g., in an aircraft, in a vehicle, or in space).
TRL 8	Actual system completed and qualified through test and demonstration	Technology has been proven to work in its final form and under expected conditions. In almost all cases, this TRL represents the end of true system development. Examples include developmental test and evaluation (DT&E) of the system in its intended weapon system to determine if it meets design specifications.
TRL 9	Actual system proven through successful mission operations	Actual application of the technology in its final form and under mission conditions, such as those encountered in operational test and evaluation (OT&E). Examples include using the system under operational mission conditions.

Please indicate the TRL range of the research project based on the table above.

Entry TRL	X
Target TRL	X

2. DETAILS OF RESEARCH PROPOSAL:

2.1 Scientific Abstract (not more than 300 words)

2.2 Lay Abstract (not more than 300 words)



Closing Date for Proposal Submission

(one softcopy^ by Thumb Drive (not returnable) +
One hardcopy)

Monday, ***24 Mar 2023, 1600^** hrs
(local standard time)

Proposal must be submitted online to :

Programme Manager, Accelerator
Institute for Adult Learning
11 Eunos Road 8
#05-03/06, Lifelong Learning Institute
Singapore 408601
Selynchenqw@ial.edu.sg
williamphayyh@ial.edu.sg

For CfP enquiries, you can contact:

William Phay
williamphayyh@ial.edu.sg

Selyn Chen (Ms.)
Selynchenqw@ial.edu.sg