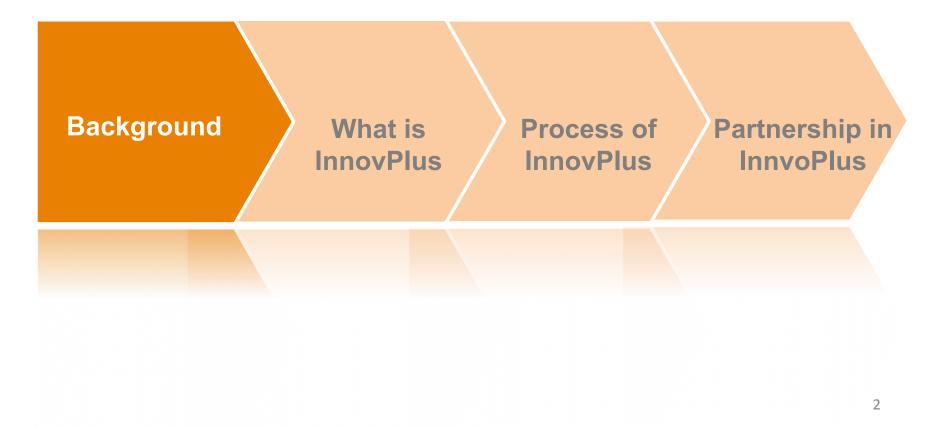
Future of Work • Future of Learning 3 - 4 November 2016



Process and Partnerships in Seeding Learning Innovations in Continuing Education and Training in Singapore – A Case of Open Innovation

Dr Chen Zan Senior Research Officer, Institute for Adult Learning Singapore Mr Khee Lian Sim Managing Director Wong Fong Academy

Organised by: SKILLS future SG



Why Open Innovation

GLOBAL DEMAND

- Expanding market and customers
- Increasing customer needs
- Intense competitions
- Shorter product life cycles
- Costs and risks of R&D

GLOBAL SUPPLY

- Converging technologies
- Multidisciplinary research
- Global S&T supply

Benefits of Open Innovation

OPEN

NNOVATION

Inexpensive access to innovative ideas

Reduced cost in R & D expenditure

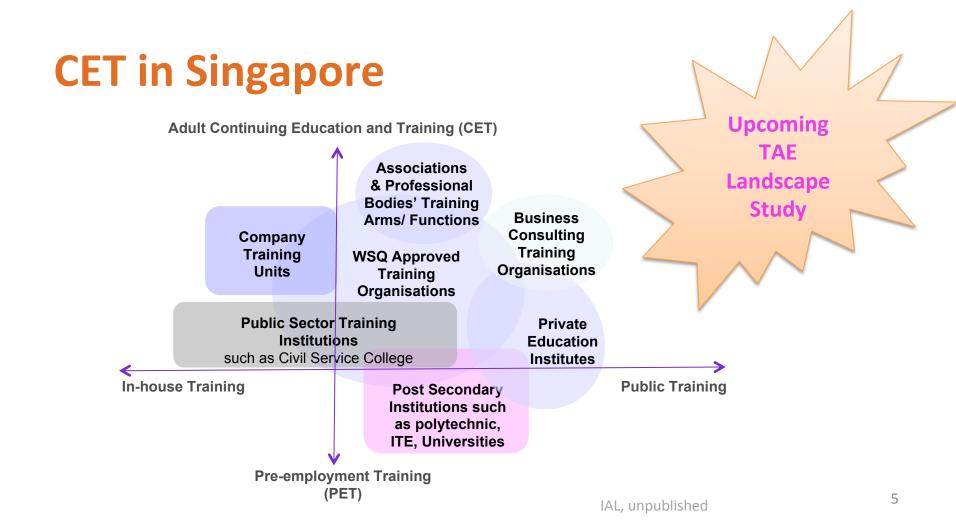
Improved customer targeting and interaction

Inexpensive product testing and brand marketing

Reduced innovation time and risks

Potential for synergies between internal and external innovations

Schutte & Marais, 2010; Marais, 2010



iN.LAB the conduit to realise iN.LEARN 2020





Opened on 28 Oct 2015 and we have not looked back ...

1,138 local and overseas guests from 50 organisations visited iN.LAB











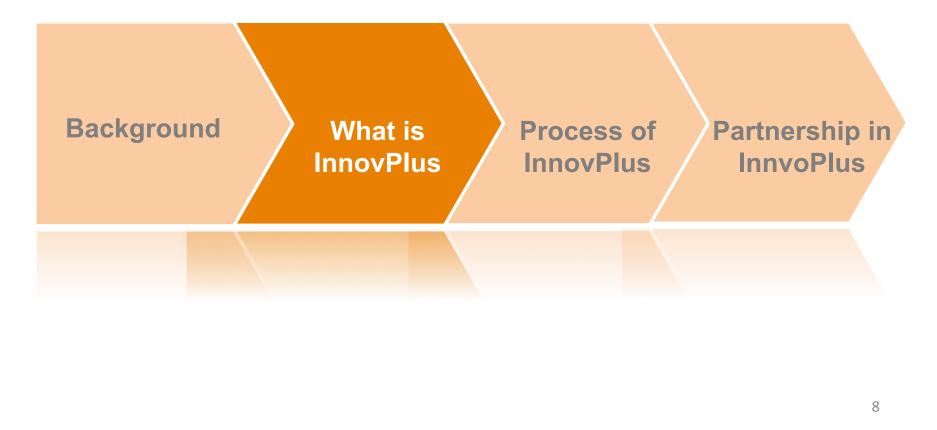
Our Offerings...

more than 23 sessions in the Innov series with over 1,224 participants.







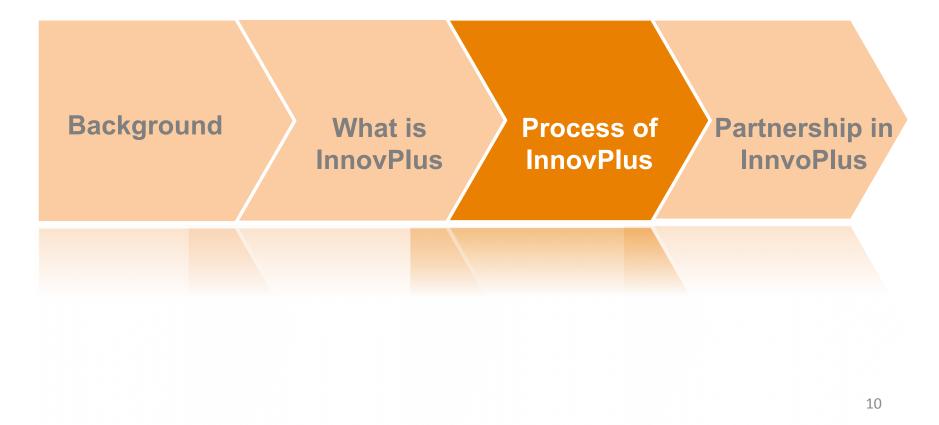


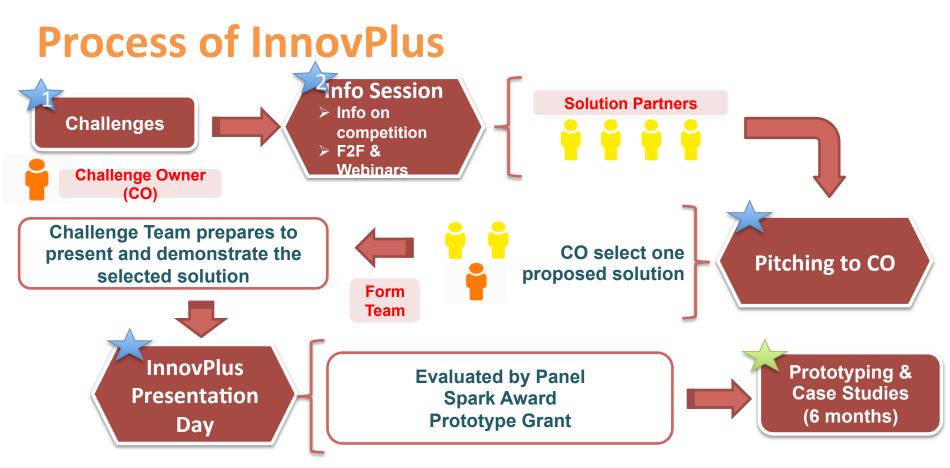




- 2 events per year
- Prototype Development
- Awards and grant















Demon by one of the Challenge Teams (CT) -Mobile learning platform that supports pedagogical rigour, gamification, game-based learning & multi-languages



Demo by one of the CT - Single and self-sufficient learning system for self directed learning and repository of knowledge onboard ship vessels





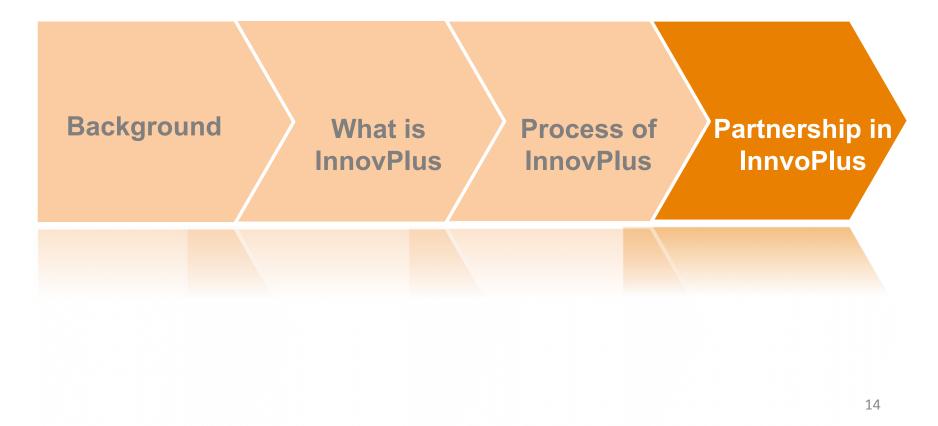
Pitching by one of the CT to InnovPlus P



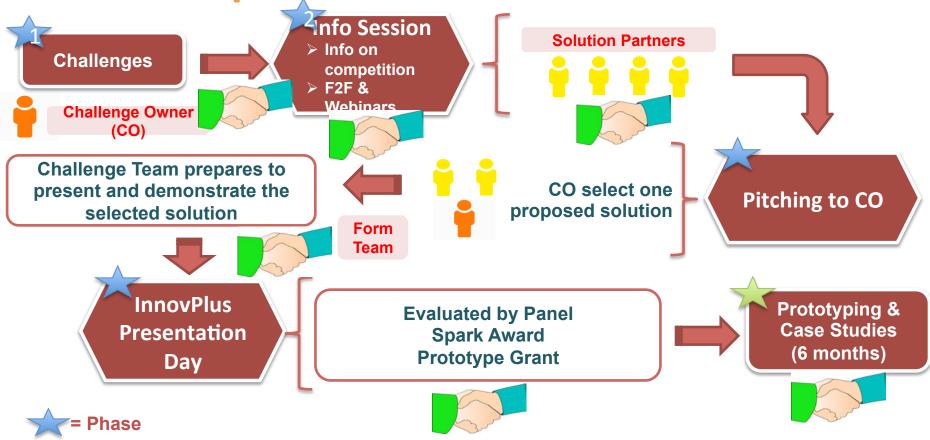
Presentation to the audiences at iN.LAB open space after their pitching to the Panel



Mr Leslie Loh, Chairman of InnovPlus Evaluation Panel provides overall feedback on the submissions before prize award ceremony



Partnerships in InnovPlus



Partnerships in InnovPlus

Dynamic and evolving relationships Networking efforts and strategic planning

Sustainable partnerships

'Successful innovation is not a single breakthrough. It is not a sprint. It is not an event for the solo runner. Successful innovation is a team sport, it's a relay race.' Professor Quyen Nguyue









VFACADEMY Our Belief







Our Challenge

- 1. Taking personal responsibility for safety requires a **mindset for safety**.
- 2. Current facilitated training method **not authentic for impactful learning** in a **safe** environment.

SAFETY

YOUR PERSONAL RESPONSIBILITY

Innovation is our DNA. We are committed to innovation and the use of technology to create learning possibilities for this and future generations.

Our Objectives

1. Harness technology to **simulate an authentic and immersive** environment of hazards

10000

NEACADEMY

2. To create impact for mind set paradigm shift

3. Without risking or endangering our learners



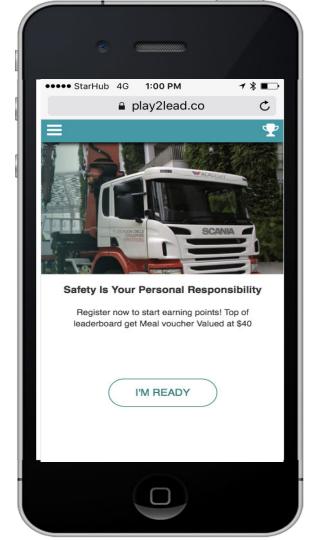


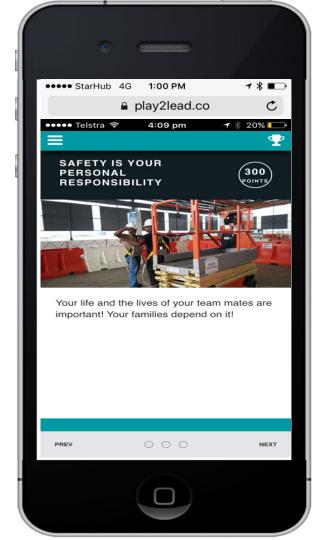


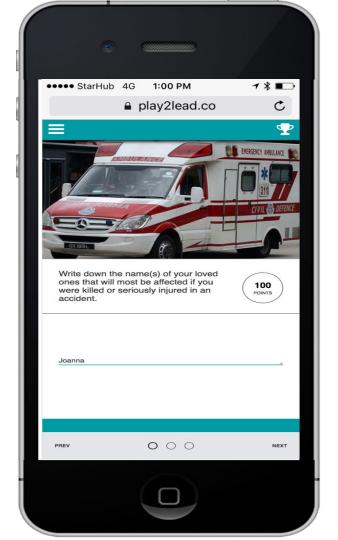
VR = Learn Faster + Remember Longer

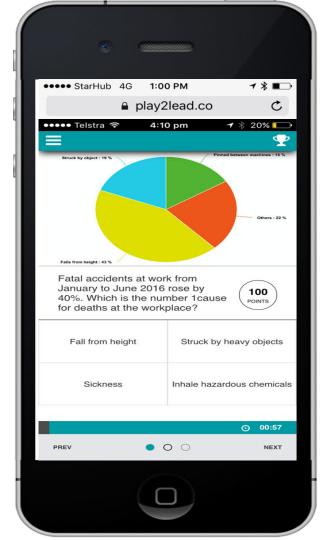
(a) higher pass rate than non-VR training(b) remembers 6-15 months longer after training



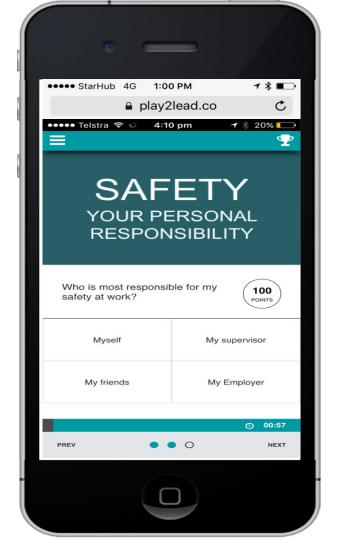


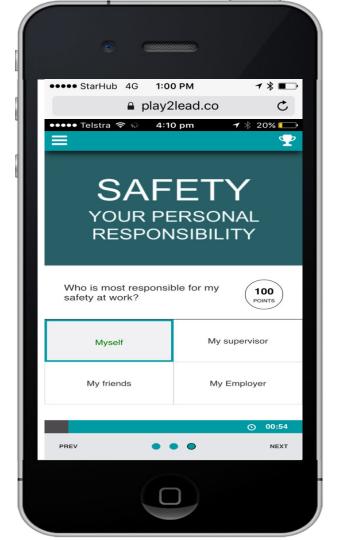


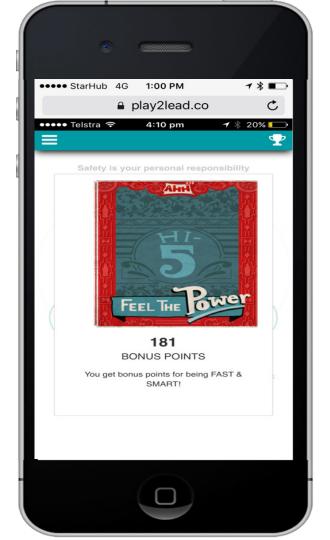


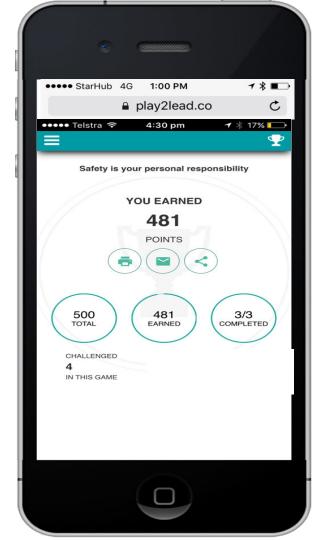


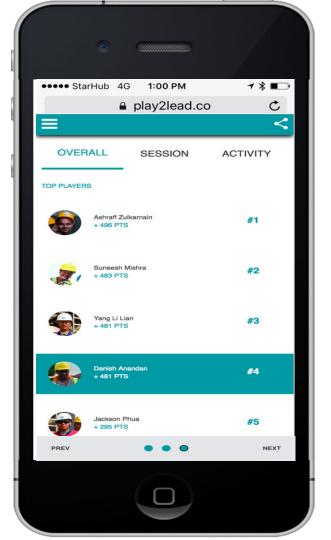


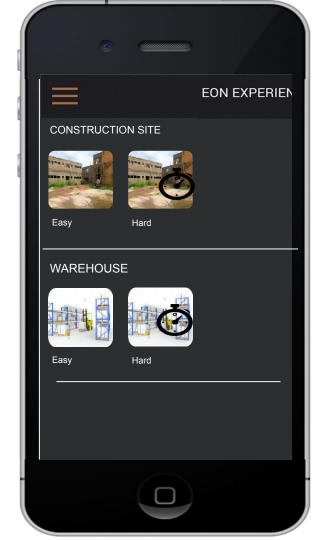




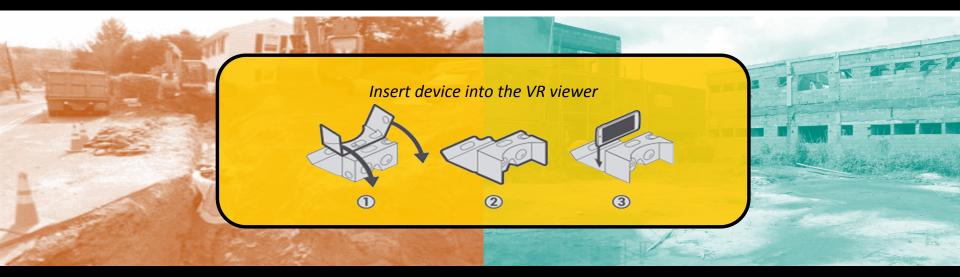












Trainees will be instructed to insert the phones into the VR viewer





Trainees select one of the zones to start the VR training



The VR experience will start shortly



Trainees need to identify 1 of 5 hazards in each zone by moving the VR visor around to point at the hazards.



Trainees will be prompted at each hotspot to select 'YES' or 'NO' response for the particular hazard.



A thumbs up will be displayed upon selecting the correct answer



Thumbs down will be displayed when incorrect answer is chosen



The training session for the ZONE will end when all 5 hotspots are completed by trainee.



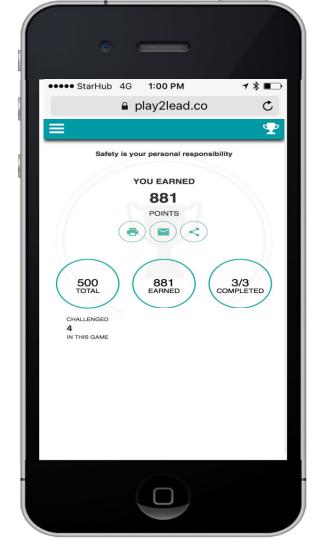
A summary of results will be displayed at the end of the session.

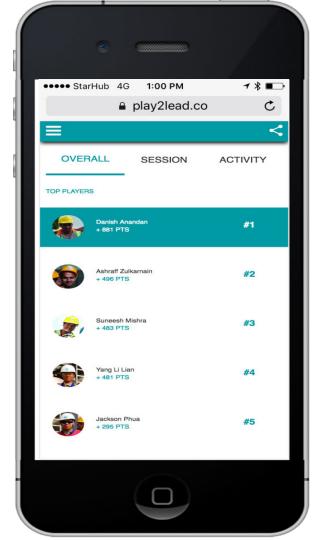


User is able to exit the VR app upon completing the 3 zones.



User will be instructed to remove the device from the VR viewer





Safety Compliance Training made FUN, memorable & impactful!!



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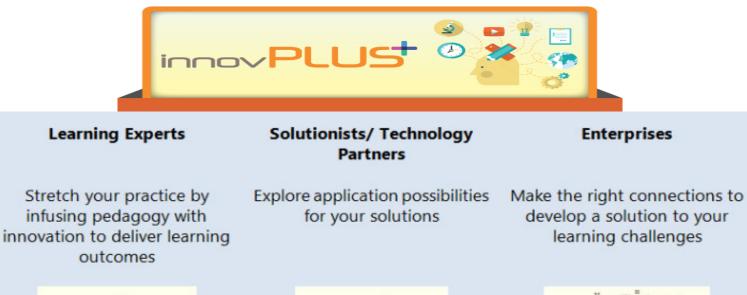


For Discussion



Email: chen_zan@ial.edu.sg

Your next date with us: 17 November 2016





CREATIVITY AND INSPIRATION



