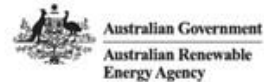


Networks Advisory Group

Meeting 13 Briefing Information

Tuesday 24 May 2022 | 1:30pm – 3:00pm AEDT



Agenda



Item	Lead	Timing
Welcome, Acknowledgement of Country and Safety Moment	John Theunissen	5 min
EDGE Project update	John Theunissen	10 min
Customer Insights Report by Deakin University	Joshua Newton	30 min
Techno-economic modelling of Dynamic Operating Envelope objective functions performed by the University of Melbourne	James Naughton/ Pierluigi Mancarella	40 min
Wrap up and look-ahead	John Theunissen	5 min



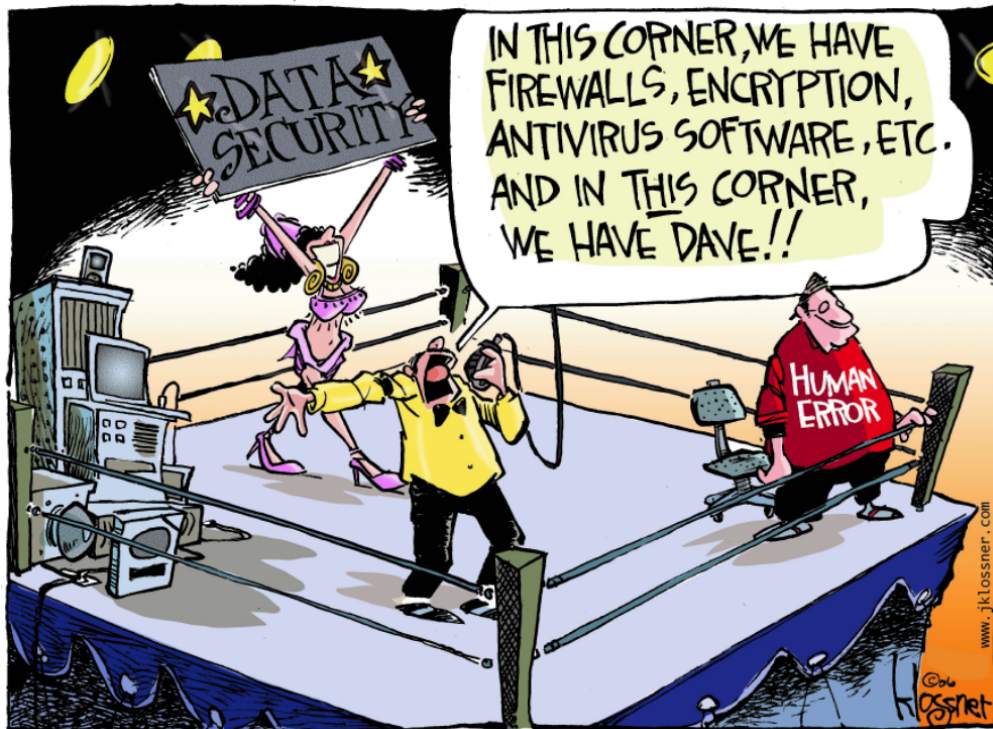
Acknowledgment of Country

We acknowledge the Traditional Owners of country throughout Australia and recognise their continuing connection to land, waters and culture.

We pay our respects to their Elders past, present and emerging.

Safety moment

Safety item | Cyber security – safety in our digital world

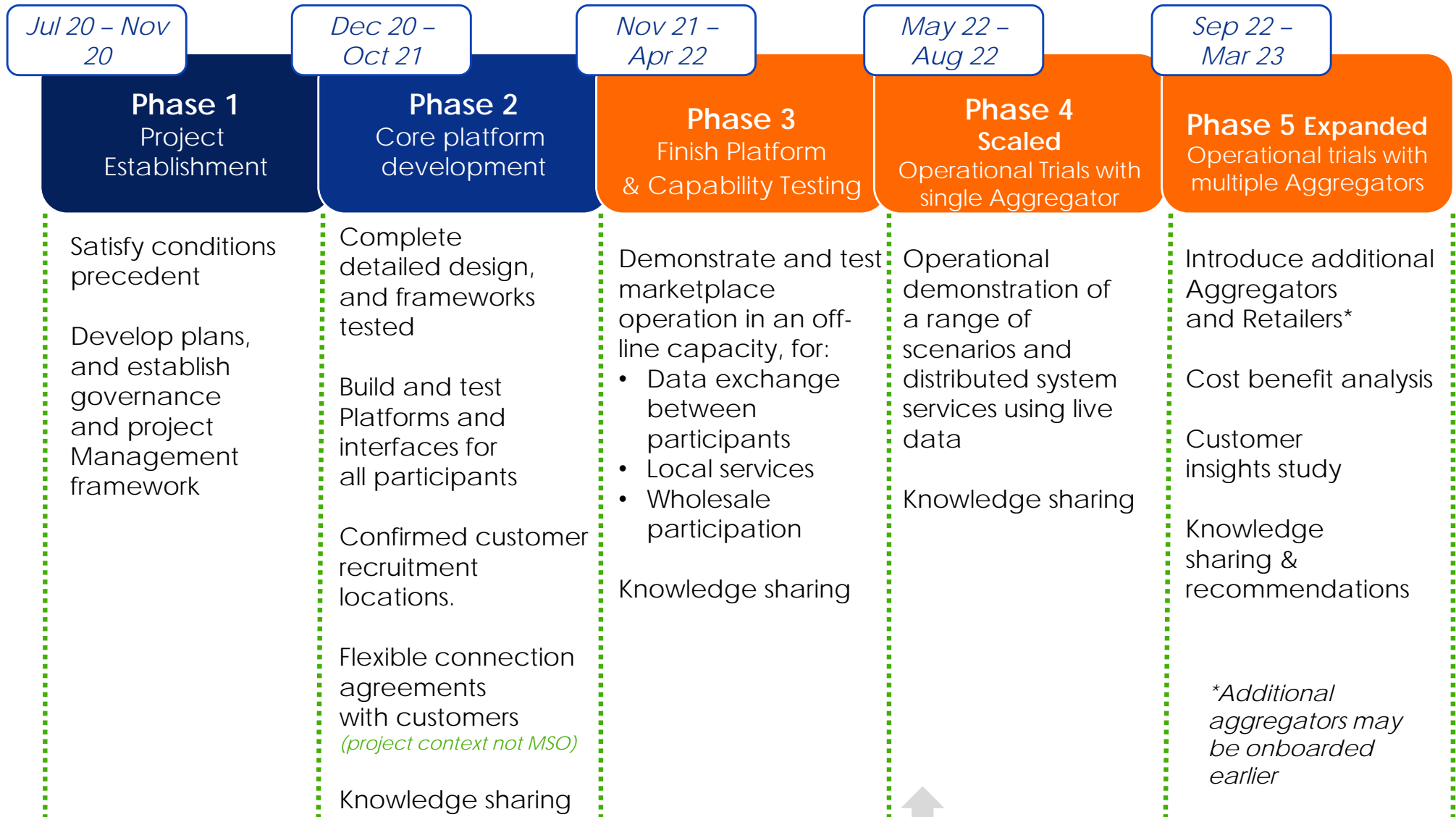


How equipped are you personally to respond to cyber attacks, Phishing, SCAMs etc.?

What business policies, procedures and practices does your company live out in this area?

EDGE Project update

Project Update | Program view



We are here

Project Update | What's new?



Milestone 3 deliverables submitted to ARENA

Funding Agreement
M3 Deliverables

Project Management

Provision of a Milestone Report

29 Apr 2022



Provision of an updated Project Plan and material updates to other plans

29 Apr 2022



Customer Acquisition

Confirmation of a minimum number of residential customers participating in the Project

29 Apr 2022



Trial Platform Development and Testing

Evidence of successful operation of key Marketplace components

29 Apr 2022



Provision of completed Phase 3 test plan, which is endorsed by the Steering Committee

29 Apr 2022



Stakeholder Engagement, Knowledge Sharing and Cost Benefit Analysis

Provision of completed CBA for Phase 3, which is endorsed by the Steering Committee

29 Apr 2022



Consideration of the feedback of the stakeholder engagement and community



Completion of Knowledge Sharing Deliverables



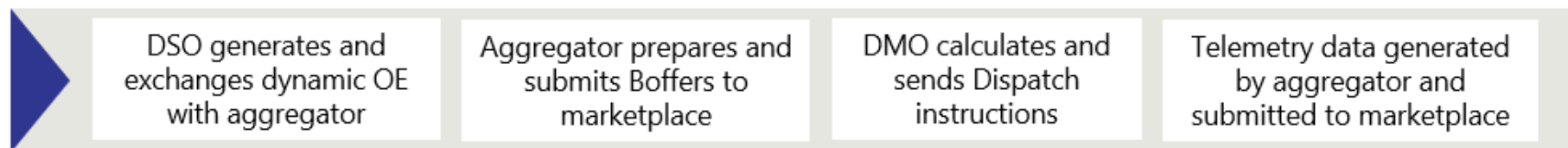
Knowledge Sharing Deliverables	Delivery date	Status
Data collection and sharing plan	29 April 2022	
Customer insights and engagement study interim report	29 April 2022	
Public interim project report	29 April 2022	
Customer insights and engagement study webinar	29 April 2022	
Public interim project webinar	29 April 2022	

Both webinars are scheduled to be delivered in early June

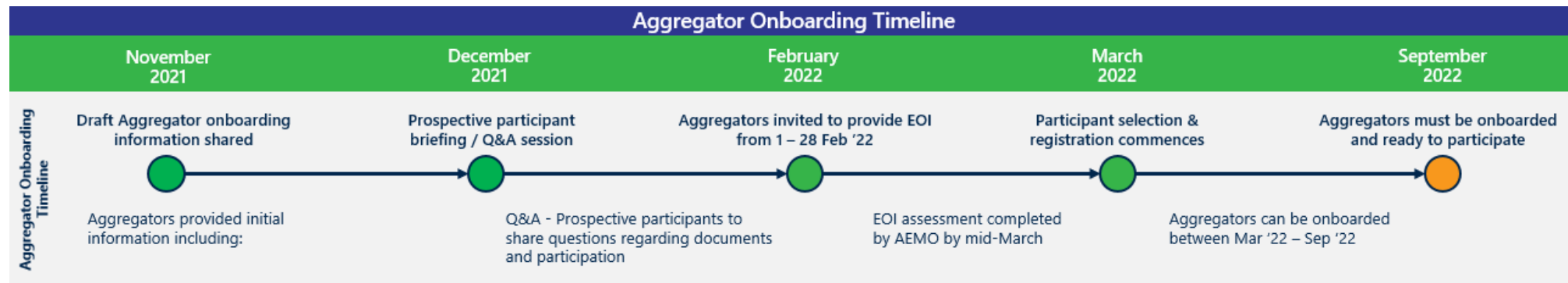
Project Update | What's new?



The EDGE marketplace went live on 2 May with basic functionality



Aggregator onboarding imminent



Gold for “the award winning” Project EDGE

[APEC 2022 Energy Smart Communities Initiative Best Practices Awards Program!](#)

Project Update | What's next?



- Progressive operational release plan for remaining features to be tested in the trial
- Onboarding of new Aggregators
- Execution of operational “modes” to generate data for the CBA scenarios (*already in-flight*)
- Techno-economic modelling activities to inform the CBA and other analytic assessments (*already in-flight*)
- Publish Interim Customer insights and engagement study Report and Interim Project Report
- Continue customer acquisition – focus on additional C&I customers
- Continue engagement with key stakeholders regarding implementable reform pathway
- Conduct ongoing stakeholder engagement through advisory groups and other bi-laterals

Customer Insights Report – Deakin University

Material to be provided separately by the University on the day or before

Techno-economic modelling of Dynamic Operating Envelope objective functions - University of Melbourne

Material is attached to this information pack

Advisory Group focus

To be shaped by
Advisory Group
member input



Q3
2021

Q4
2021

Q1
2022

Q2
2022

Local services definition and functionality

- *Services/scenarios to be considered*
- *Forecasting of need*
- *Valuing the service (setting the reserve price)*
- *Service performance evaluation/validation*

Research Plan input

- *What are the key questions to answer from a DNSP perspective?*
- *How might one go about designing test plans to provide the evidence that will be needed?*

Operating envelope allocation methods

Revisit OE work and illustrate desk-top analysis

Exposure to vendor/system components within EDGE

- *Data identity and data exchange*
- *Market logic/intelligence*
- *DSO functionality*

Cost-Benefit Analysis

CBA scope and how the various project activities align to deliver the Research Plan and CBA outcomes

Insights into the Aggregator role in EDGE

- *Context*
- *Implementing Operating Envelopes*
- *Bi-directional Offer (Boffer) Progression*
- *DER Fleet Dispatch*
- *Network Services*

Customer insights study

- *Overview Deakin scope of work*
- *Understand how customers are engaging and responding*

Operating envelope updates

Revisit OE work and share enhancements

CBA Scenarios, Research Plan & Testing

- *Share/discuss firmed-up CBA scenarios and linkage with research plan activities*
- *Discussion on proposed tests*

DER-Network-Market optimisation

Optimising outcomes from network-side activities that influence DER access and market conditions

Techno-economic modelling

Share and discuss relevant material from the modelling work being done by UoM

Presentation and discussion of interim project report

Sharing and discussion of content with NAG alongside publication and obtaining feedback

Check-in on end-to-end design within EDGE

Revisit pertinent aspects within the EDGE detailed design to enhance the value of the trial outcomes

Q3+
2022

Trial operation analysis and cost-benefit assessment

- *NAG Activities aligned with the operational stages of the trial and the Research Plan hypotheses / tests*