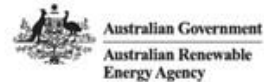


Networks Advisory Group

Meeting 11 Briefing Information

Tuesday 1 February 2022 | 2:00pm – 3:30pm AEDT



Agenda



Item	Lead	Timing
Welcome, Acknowledgement of Country and Safety Moment	John Theunissen	5 min
EDGE Project update	John Theunissen	10 min
Introduction to the Customer Insight Study being conducted in EDGE	Josh Newton/ Anoop Nambiar	15 min
Publishing the Operating Envelopes in EDGE – Aligning with the IEEE 2030.5 CSIP (Australian reference)	Peter Wong/ Sean Cumpston	10 min
Update on the UoM Operating Envelope design in EDGE to cater for reactive power	Michael Liu	25min
Opportunity for members to provide a brief update on other DER integration and marketplace industry trials in progress <i>(item carried over from previous meeting)</i>	All	20 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 | Personal reflections from a holiday project



Resist taking short-cuts or adopting a less disciplined approach when carrying out activities with an inherent safety risk

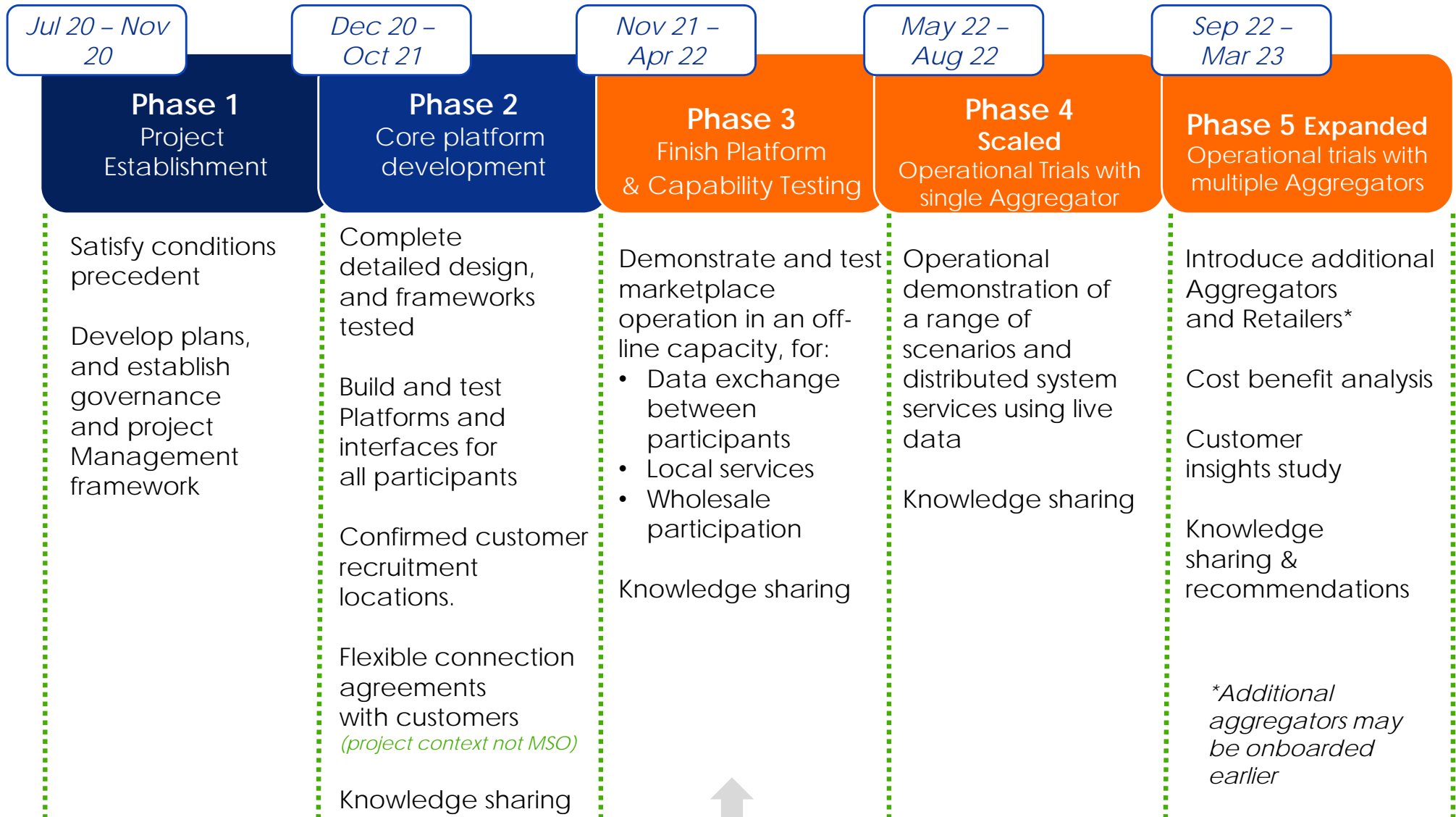
Applied ladder and climbing safety routine:

- Three-point contact when climbing
- Safety harness worn at all times, clipped on before commencing work
- Securing the ladders via clamps and ropes
- Ladder footing supported while climbing
- Safety observer



EDGE Project update

Project Update | Program view



We are here

Project Management

- Project is progressing within the agreed overall timelines and costs
- Project plans are integrated and coordinated across all parties

Customer Acquisition

- 50 Customers recruited (*in excess of requirements at this stage of the project*)

Trial Platform Development and Testing

- Trial Platform Development and Testing scope for Phase 3 is progressing well, however it is likely that a larger proportion of the trial services will become available in Phase 4 (*single aggregator operational trial phase*) than originally anticipated as a result of design complexities and resourcing constraints
- The working hypothesis is that the staggered service delivery will not materially impact the project outcomes however this is continuing to be assessed

Stakeholder Engagement, Knowledge Sharing and Cost Benefit Analysis

- Regular stakeholder feedback is being received and incorporated into the project activities
- The CBA Methodology is being firmed up and scenarios for the detailed modelling have been defined.
- Research Plan and CBA coordination is being undertaken to align test activities and project outcomes

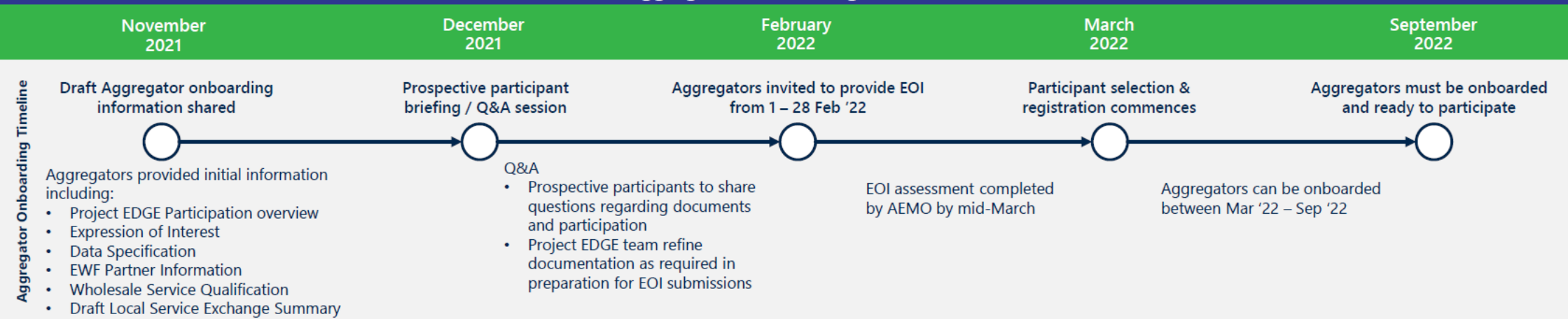
Knowledge Sharing Deliverables due end February

- Data collection and sharing plan
- Customer insights and engagement study interim report
- Public interim project report
- Customer insights and engagement study webinar
- Public interim project webinar

Project Update | Upcoming view

- Continued focus on integrated detailed and build activities for the services and features
- Finalise research plan and CBA alignment
- Prepare draft test plans for Phase 3 milestone
- Publish Interim Customer insights and engagement study Report
- Review and finalise content for the Project Public Interim Report
- Finalise aggregator EOI and progress aggregator acquisition
- Progress customer acquisition for next Phase (additional C&I customers)
- Continue engagement with key stakeholders

Aggregator Onboarding Timeline



Introduction to the Customer Insight Study being conducted in EDGE

Material to be provided separately by
Deakin/Mondo on the day or before

Publishing the Operating Envelopes in EDGE – Aligning with the IEEE 2030.5 CSIP (Australian reference)

Material to be provided separately on the day
or before

Update on the UoM Operating Envelope design in
EDGE to cater for reactive power

Material to be provided separately on the day
or before

**Opportunity for members to provide a brief update
on other DER integration and marketplace industry
trials in progress**

Information welcome, to be provided at
member discretion

The look ahead

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

Presentation and discussion of interim project report

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

CBA Scenarios, Research Plan & Testing

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

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

DER-Network-Market optimisation

Optimising outcomes from network-side activities that influence DER access and market conditions (dynamic voltage management, network reconfiguration etc.)

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*