

# FUTURE NETWORKS FORUM

## THE WORKSTREAMS & INITIATIVES – A CLOSER LOOK



# AGENDA

- **A Recap**

- Our Guiding Framework + Workstreams
- Our Operating Model + Evaluation Framework

- **Prioritisation Framework**

- **The Workstream Plans – A Snapshot**



## LEADING THE FUTURE OF NETWORKS Hei arahi i te heke mai o nga whatunga\*

FUTURE NETWORKS FORUM

PURPOSE

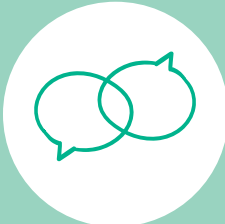
We come together to harness the collective power of EDBs to help Aotearoa New Zealand reach its climate goals, by:

- Exploring the future and aligning expectations
- Providing a forum for collaborating with our EDB colleagues and our stakeholders
- Bringing the Network Transformation Roadmap to life through collaboration towards its objectives
- Strengthening the mana and influence of EDBs and the ENA

AMBITION

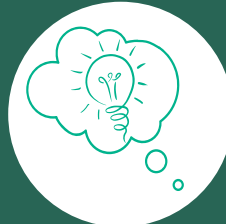
Success for us will mean:

- EDBs have shared expectations of potential future scenarios, and our role in enabling the transition
- EDBs understand and are enabling our consumers' and stakeholders' ambitions
- EDBs are collectively evolving through collaboration, with priorities being delivered efficiently and at pace
- There is a high degree of confidence in the distribution sector enabling an affordable and equitable transition to a reliable, decarbonised energy system



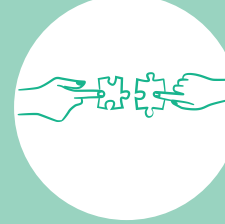
### Outreach with Purpose

1. Develop a deliberate engagement plan, including external comms
2. Understand our consumers' and stakeholders' evolving needs and pain points in their interfaces with us
3. Test our direction, development plans and solutions with other ENA working groups, relevant industry groups and stakeholders.



### Exploring Strategic Context

1. Explore and agree key assumptions, inflection points and 2050 scenarios.
2. Understand customer segmentation and the decarbonisation journey.
3. Explore and agree roles and functions of the EDB of the future.



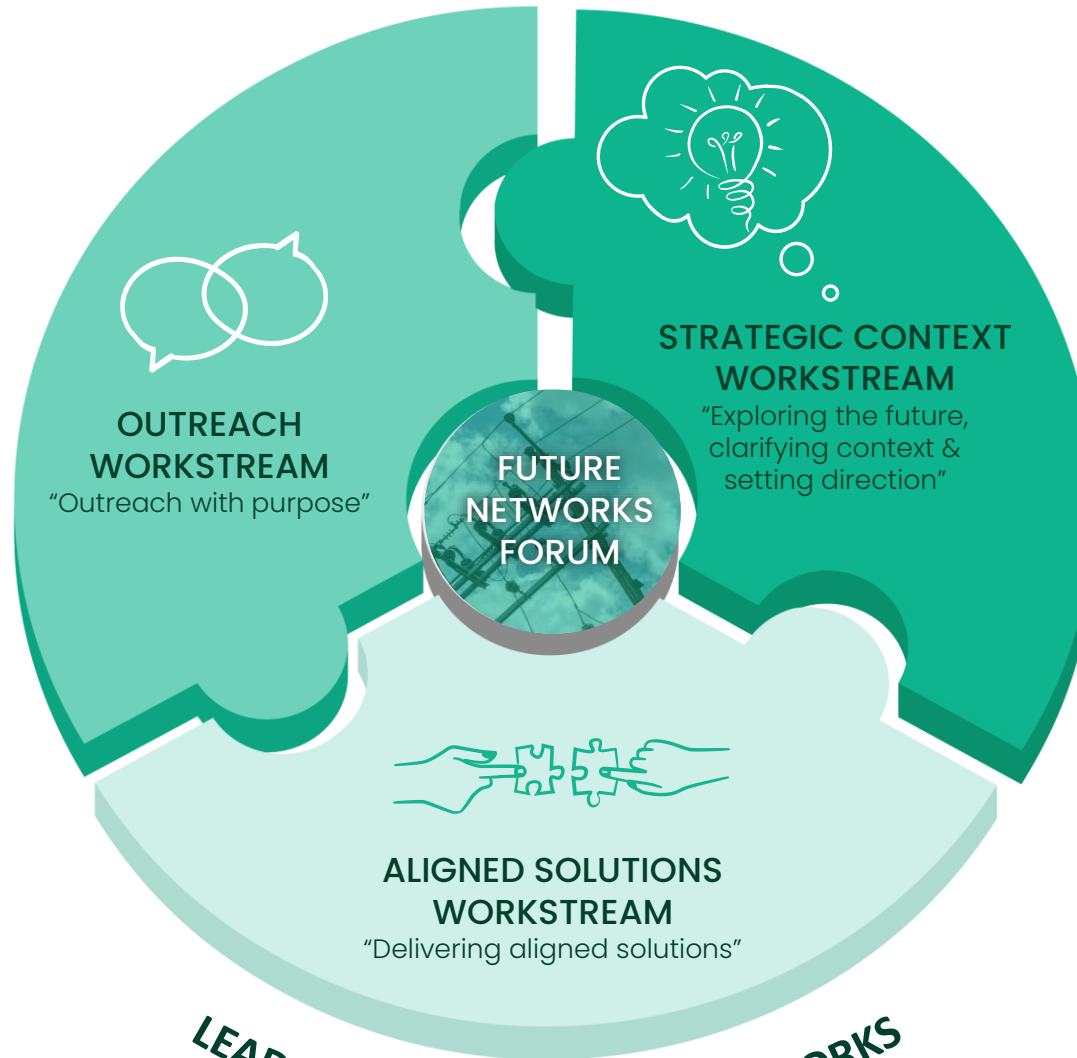
### Delivering Aligned Solutions

1. Collaborate and coordinate with EDBs, the EEA, retailers, flexibility providers, DG investors, Transpower and other stakeholders to develop aligned solutions that work for the whole system.

## WORKSTREAMS

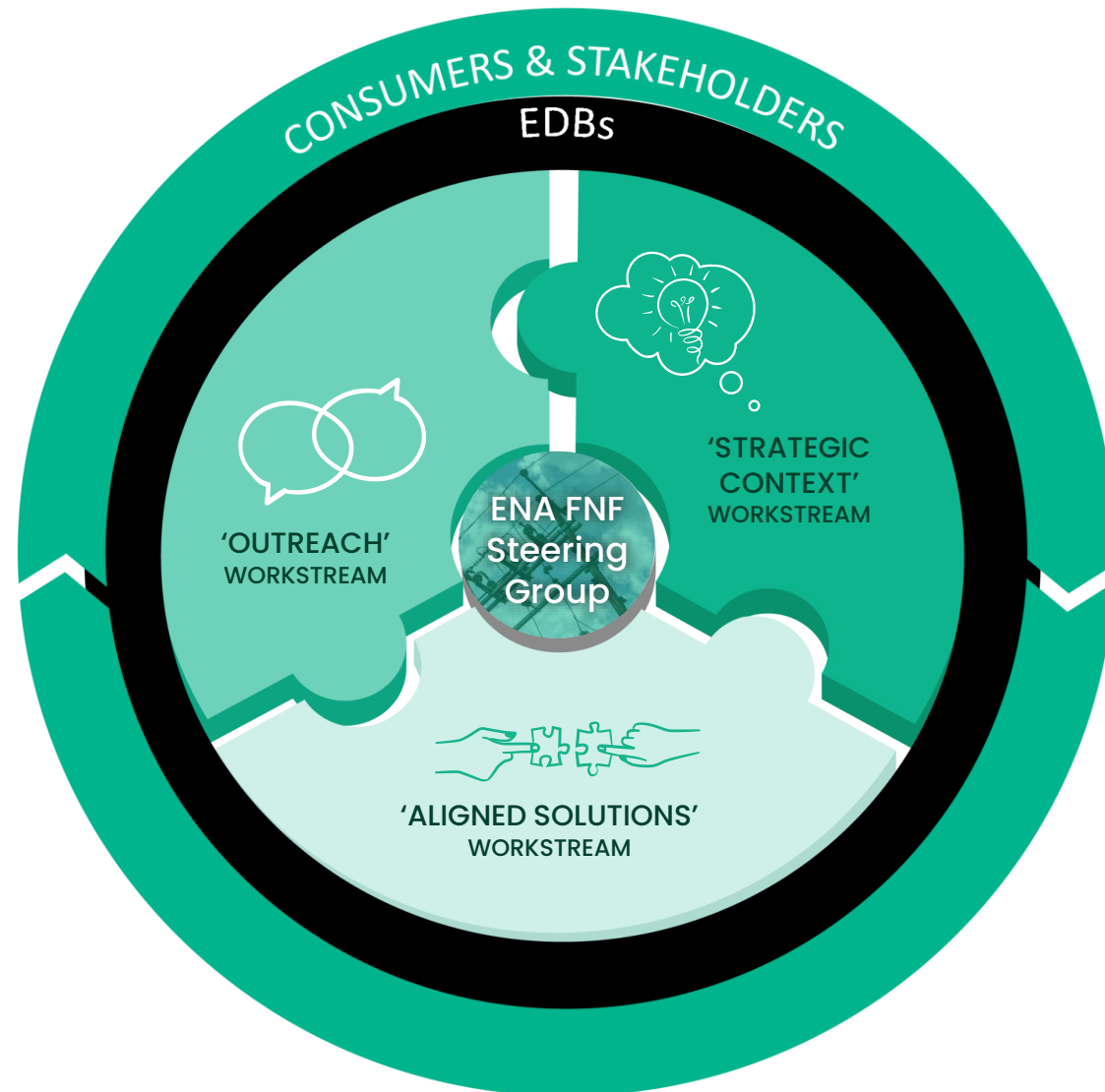
\* Wording needs to be reviewed by an expert in Te Reo

Our Workstreams have been set up to deliver focused pieces of work that, as they progress, will work in unison to deliver on our overall FNF purpose and ambition.



**LEADING THE FUTURE OF NETWORKS**  
Hei arahi i te heke mai o nga whatunga

The FNF has been grounded in establishing how we will work together, and the channels we will use to seek input, update our stakeholders, and to better inform our progress.



<p><b>ENA FNF STEERING GROUP</b></p>	<p><b>Purpose:</b></p> <ul style="list-style-type: none"> <li>- Facilitate coordinated progress towards FNF purpose &amp; outcomes.</li> <li>- Monitor and evolve the NTR.</li> <li>- Establish working groups as needed.</li> </ul> <p><b>Who:</b> FNF Co-Chairs, ENA Manager Policy &amp; Innovation, workstream reps, ex-officios (open to EDB staff for diversity &amp; transparency)</p>
<p><b>WORKSTREAMS</b></p>	<p><b>Purpose:</b></p> <ul style="list-style-type: none"> <li>- Facilitate progress towards workstream objectives.</li> <li>- Initiate projects as needed.</li> </ul> <p><b>Who:</b> Workstream co-leads, project leads, ENA Manager Policy &amp; Innovation, ex-officios (open to EDB staff for diversity &amp; transparency)</p>
<p><b>EDBs</b></p>	<p><b>Innovation Forum (Quarterly)</b></p> <p><b>Purpose:</b></p> <ul style="list-style-type: none"> <li>- Enable all EDB staff to contribute to the FNF outcomes: report progress; seek input on priorities and plans; ID ppl / resources for workstreams; etc.</li> <li>- Space for EDBs to share own work.</li> </ul> <p><b>Who:</b> Open to any EDB staff member + invited stakeholders</p>
<p><b>CONSUMERS &amp; STAKEHOLDERS</b></p>	<p><b>'Unconference' (Annually):</b></p> <p><b>Purpose:</b></p> <ul style="list-style-type: none"> <li>- Participant-driven space for EDBs, consumers &amp; stakeholders to collaboratively explore matters of common interest.</li> </ul> <p><b>Who:</b> EDBs + Stakeholders / Customers</p>

Part of establishing how we will work together has been to also identify how we will evaluate the FNF’s performance and the measures we will use.

	 FNF OUTCOMES (SUCCESS/ AMBITION)	 FNF OBJECTIVES (PURPOSE)	 INDICATORS	 MEASURE / MILESTONE	 TARGET (FY24 YE)
1	EDBs have <b>shared expectations</b> of potential future scenarios, and our role in enabling the transition.	<b>Explore the future and align expectations</b>	ENA member (CEO) feedback on the value of the FNF’s activities to: a) their organisation and b) the EDB sector.	a. FNF white paper delivered outlining potential future roles and functions of EDBs, where member views align / differ and why, and recommended next steps. Number of EDBs endorsing the paper. b. FNF paper describing EDB customer segments (consumers, retailers, aggregators, generators, SO, etc) together with current and future needs and pain points, based on robust customer research. c. Number of FNF deliverables which directly address identified customer pain points. Customer feedback on these deliverables.	<ul style="list-style-type: none"> <li>FY24 will benchmark measures to enable target setting in future years.</li> </ul>
2	EDBs understand and are <b>enabling our consumers’ and stakeholders’ ambitions</b>	Provide a <b>forum for collaborating</b> with our EDB colleagues and our stakeholders	Consumer* feedback on EDBs as an enabler of their energy aspirations.	a. Number of Innovation Forum participants, and feedback on value of event. b. Number of Unconference participants, and feedback on value of event.	
3	EDBs are <b>collectively evolving</b> through collaboration, with <b>priorities being delivered</b> efficiently and at pace	Bring the <b>Network Transformation Roadmap to life</b> through collaboration towards its objectives	EDB connected customer* feedback on consistency of customer experience across EDBs, where this matters.	a. % of NTR actions assessed by EDB reps as Green / Amber / Red for their organisations. b. % of NTR actions which FNF has supported through collaborative action.	
4	There is a <b>high degree of confidence</b> in the distribution sector enabling an affordable and equitable transition to a reliable, decarbonised energy system	Strengthen the <b>mana and influence</b> of EDBs and the ENA	Stakeholder* feedback on EDBs as an enabler of the transition to a low carbon, resilient and equitable energy future.	a. Number of FNF interactions with key stakeholders and partners (Govt, Regulators, MEUG, ERANZ, EEA, Flex Forum, SEANZ, etc)	

All initiatives identified or proposed by the FNF have been / will be subject to this Prioritisation Framework.

WORKSTREAM INITIATIVE			TIMEFRAME		EDB IMPACT		EXTERNAL IMPACT			STAKEHOLDER IMPACT		CUSTOMER IMPACT		OVERALL SCORE
			URGENCY REQUIRED	TIME TO IMPLEMENT	FINANCIAL RISK	LEVEL OF UNCERTAINTY	AFFORDABLE	SUSTAINABLE	RELIABLE	REGULATORY RISK	REPUTATION IMPACT	U/STAND & INSIGHT	ENABLE CHOICE	
STRATEGIC CONTEXT	1	Explore 2050 scenarios, assumptions and inflection points and share findings with FNF	3	2	3	2	1	2	3	1	3	2	2	24/33
	2	Carry out a customer segmentation, and decarbonisation journey mapping exercise	3	2	2	2	1	2	2	2	2	2	2	22/33
	3	Decarbonisation Strategy	2	2	2	2	2	3	1	2	2	2	2	22/33
	4	Energy Trilemma	2	2	1	2	3	1	1	2	2	2	2	20/33
	5	EDB Future Roles & Functions	2	3	1	3	3	2	3	3	3	2	2	27/33
	6	Community Energy	1	1	1	2	2	2	1	1	2	2	2	17/33
STRATEGIC CONTEXT	7	Energy Hardship	2	1	1	2	2	2	1	1	2	3	2	19/33
	8	Community/Utility Storage	2	1	1	2	2	2	2	2	2	2	2	20/33
	9	Common Network Model	1	1	1	2	1	1	2	1	1	2	2	15/33
	10	Flexibility Opportunities	2	2	2	2	3	2	2	2	2	2	2	23/33
	11	LV Network Design	2	1	3	2	2	2	2	1	2	2	2	21/33
ALIGNED SOLUTIONS	1	SO EDB Interface for DER Management	3	2	2	3	2	2	3	1	2	2	2	24/33
	2	Flex Supplier & EDB Capacity & Constraints Management	3	3	2	2	2	2	2	1	2	2	2	23/33
	3	LV Data Visibility	3	2	2	2	2	2	2	1	2	2	2	22/33
	4	Domestic Hot Water Load Management (To be merged with Initiative #1)	2	2	2	2	2	1	2	1	1	2	2	19/33
	5	EV Charger Management & Integration	3	3	3	2	2	3	1	1	2	2	3	25/33

## SCORING TOOL

1	No urgency Output 2yrs+	Estimated 12+ months	Percentage of RAB < 2%	Certainty with aligned strategy	Consumer price < 5%	No measurable carbon / sustainability impact	No measurable impact to reliability	Fine or loss of revenue allowance <2%	No measurable impact	Good confidence in understanding	Current choice likely to meet expectations
2	Moderate urgency Output 1-2 yrs	Estimated <12 months	2% to 5%	Uncertainty is leading to mixed approaches	5% to 10%	Carbon /sustainability objective at risk	< 10%	2% to 5%	Some loss of confidence in the EDB sector	Some understanding exists	Limited choice may be insufficient
3	Very urgent Output < 1yr	Estimated <6 months	> 5%	Uncertainty is leading to no action	> 10%	Prevents carbon objective being met	> 10%	>5%	Potential loss of license to operate	Limited current understanding	Current level of choice will not meet need

Highest total score = highest priority

ALL INITIATIVES SUPPORTED & ENABLED THROUGH OUTREACH WORKSTREAM

# WORKSTREAM STATUS

## IN SUMMARY

A SNAPSHOT OF THE WORK UNDERWAY – FEBRUARY 2024





# OUTREACH WITH PURPOSE (MONTHLY STATUS REPORT)

PERIOD: February

## OVERALL STATUS

QUALITY	<span style="color: green;">●</span>	DELIVERING TO SCOPE / OBJECTIVES
TIME	<span style="color: orange;">●</span>	Require Work Stream engagement plans to feed into overarching plans
COST	<span style="color: green;">●</span>	

## OVERALL SUMMARY

- Significant progress with clear stakeholder framework in place, initial stakeholder mapping exercise completed and WS1 representatives now embedded into other WS teams.
- Planning tools now in place for both high level and more detailed planning of each engagement initiative by workstreams.
- Plans and content required from Workstreams.
- Comms resource required – ENA new comms person – will they be able to fill some of the gap?

## STAKEHOLDERS ENGAGED

Email on Future Roles and Functions sent to:

- EA
- MBIE
- Transpower
- Flexforum
- ComCom
- ENA Regulatory WG



## INITIATIVE STATUS

	STATUS	INITIATIVE NAME	PROGRESS/COMPLETED THIS PERIOD	FOCUS NEXT PERIOD	UPCOMING MILESTONE
1.	<span style="color: green;">●</span>	Quarterly Innovation Forums	<ul style="list-style-type: none"> <li>• Invitations distributed for forum</li> <li>• External speakers locked in for day one</li> <li>• Venue / logistics booked</li> <li>• Draft agenda for day one developed</li> </ul>	<ul style="list-style-type: none"> <li>• Finalise speakers / topics for day two of the event</li> <li>• Confirm date the November Innovation Forum to sit alongside the ENA symposium</li> </ul>	Innovation forum 12 – 13 March
3.	<span style="color: orange;">●</span>	Develop FNF Stakeholder engagement Plan	<ul style="list-style-type: none"> <li>• Workshop to identify and assess engagement needs for top tier stakeholders.</li> <li>• Initial review of stakeholder engagement strategy with Sam and James and discussion on future requirements for WS1. This could include a survey to external stakeholders.</li> </ul>	<ul style="list-style-type: none"> <li>• Rescoping the role and function of WS1</li> </ul>	Meeting with Sam and James to discuss future structure and roles of WS1 on 1 March
4.	<span style="color: orange;">●</span>	Execute Stakeholder engagement and communications plan	<ul style="list-style-type: none"> <li>• Promotion of innovation forum</li> <li>• Future roles and functions Webinar 1 Feb</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying new lead for communications and engagement plan for WS1 meeting this Friday</li> <li>• Overarching FNF messaging / broadcast comms and channels by WS1 (ENA comms person)</li> </ul>	WS 1 meeting this Friday

### STATUS KEY

- RED
- AMBER
- GREEN

### KEY OPEN POINTS/DECISIONS

- Decision on Innovation Forum speaker list and agenda.

### KEY RISKS/ISSUES

- WS1 rep for the communications and engagement plan has had to step down. Confirming new lead for this piece of work in conjunction with the new ENA comms lead.

### MATTERS FOR STEERING GROUP ATTENTION

- Steerco review of speakers / topics and decision on Innovation Forum speaker list and agenda.
- Resource – Assume new ENA comms person can assist but will require additional resource.
- Stakeholder engagement plan will need to reviewing following meeting with Sam and James

# STRATEGIC CONTEXT WORKSTREAM (MONTHLY STATUS REPORT)

PERIOD: February 2024

## OVERALL STATUS

QUALITY	●	DELIVERING TO SCOPE / OBJECTIVES
TIME	●	ON TARGET FOR MILESTONES
COST	●	

## OVERALL SUMMARY

- Significant progress is being made on our two lead initiatives - EDB Roles and Functions and Customer Segmentation
- Work on Connection Guidelines and Flexibility Opportunities has been recommenced
- Coordination with other workstreams is important and is receiving attention.

## STAKEHOLDERS ENGAGED

Email on Future Roles and Functions sent to:

- EA
- MBIE
- Transpower
- Flexforum
- ComCom
- ENA Regulatory WG



## INITIATIVE STATUS

	STATUS	INITIATIVE NAME	PROGRESS/COMPLETED THIS PERIOD	FOCUS NEXT PERIOD	UPCOMING MILESTONE
1.	●	2050 SCENARIOS	Sapere Model provided ENA SteerCo.	Steerco approval of model for further distribution.	Release of model (date tbc)
2.	●	CUSTOMER SEGMENTATION & JOURNEY MAPPING	Project team workshop held. RFP has been approved and sent to market. Currently interviewing potential consultants. Proposals due end of month.	Selection of consultant and next phase of literature review and framework development.	Consultant selection, literature review finalisation
3.	●	ROLES & FUNCTIONS TO ENABLE DISTRIBUTED FLEXIBILITY	Roles and functions paper including Literature Review presented to FNF members and interested EDB representatives at Webinar. Participant feedback collated and reviewed.	Refinement of Roles and Functions paper incorporating feedback from Webinar. Development of stakeholder communications plan.	Innovation Forum 12/13 Mar '24
4.	●	LARGE CONNECTION GUIDELINE	High level research completed on the connection guidelines from some NZ EDBs, Transpower and UK networks. Findings were used to update the scope of the initiative and draft the key steps of the connection process (customer journey).	Finalise the key steps of the connection process and draft the list of information included in each step. Share with wider workstream for feedback.	Innovation Forum 12/13 Mar '24
5.	●	FLEXIBILITY OPPORTUNITIES	Flexibility economic assessment model (Wellington Electricity) shared. Scott Scrimgeour (Wellington Electricity) has joined the project team. He has been instrumental in the development of the economic assessment tool.	Understanding which aspects of the economic assessment tool align with the flexibility opportunities workstream. Share the workings of the tool with the wider group. Start work on economic assessment of flexibility scenarios and development of guidelines.	Innovation Forum 12/13 Mar '24

## KEY OPEN POINTS/DECISIONS

- Selection of Customer Journey Insights partner
- ENA Steerco approval of Sapere 2050 Scenarios Model

## KEY RISKS/ISSUES

- Workload for initiative leads and team members
- EDB member engagement
- Establishing credibility with key stakeholders (eg EA)
- Coordination with competing/congruent initiatives eg EEA, FlexForum, etc.

## MATTERS FOR STEERING GROUP ATTENTION

- Budget availability for funding further stages of customer segmentation research and journey mapping.

## STATUS KEY

- RED
- AMBER
- GREEN



# COLLABORATIVE SOLUTIONS (MONTHLY STATUS REPORT)

Feb 2024:

## OVERALL STATUS

QUALITY	●	DELIVERING TO SCOPE / OBJECTIVES
TIME	●	ON TARGET FOR MILESTONES
COST	●	

**OVERALL SUMMARY**  
 Project is progressing well. Good early insights coming from international EDB desktop study. Currently conducting phone survey and preparing presentation for Innovation Forum

**STAKEHOLDERS ENGAGED**  
 International EDBs

## INITIATIVE STATUS

	STATUS	INITIATIVE NAME	PROGRESS/COMPLETED THIS PERIOD	FOCUS NEXT PERIOD	UPCOMING MILESTONE
1.	●	DER integration	International desktop scan complete	Complete international EDB phone survey and produce report. Produce update presentation for Innovation Forum	Complete international EDB survey
2.	●	SO DER impact	International desktop scan complete	Complete international EDB phone survey and produce report Produce update presentation for Innovation Forum	Complete international EDB survey
3.	●	EV Coordination	International desktop scan complete	Complete international EDB phone survey and produce report Produce update presentation for Innovation Forum	Complete international EDB survey
4.					
5.					

### KEY OPEN POINTS/DECISIONS

### KEY RISKS/ISSUES

### MATTERS FOR STEERING GROUP ATTENTION

**STATUS KEY**  
 ● RED  
 ● AMBER  
 ● GREEN

Sub project team coordination on domestic survey outputs and put together a list of deliverables for the next phase of the project

None noted

None noted

