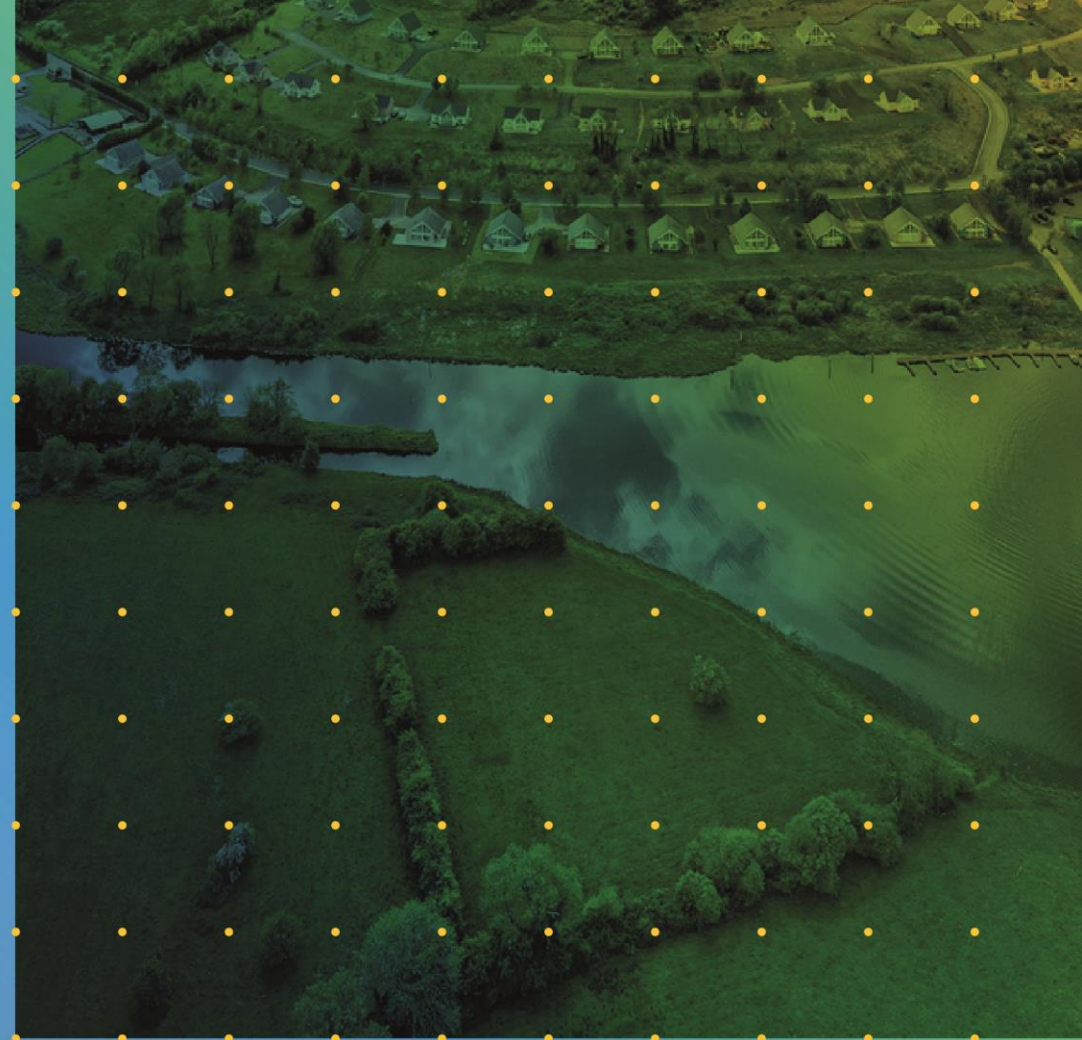




NETWORKS

NATIONAL NETWORK LOCAL CONNECTIONS PROGRAMME

ADVISORY COUNCIL
MEETING 3 | DEC 13TH 2022



WELCOME



AGENDA

Chair: Ellen Diskin

Agenda Item	Time	Owner
Welcome Back	5 Mins	Gerry Noone / All
Sign off, Minutes from Meeting No. 2	10 Mins	Gerry Noone / All
National Network, Local Connections Multi-Year Plans. Consultation and Engagement Discussion	40 Mins	Gerry Noone
Beat the Peak a Security of Supply initiative	15 Mins	Aoife Bradish
Connecting Renewables. Market engagement approach through Pilot 4 Non-Firm Access	10 Mins	Fiona O'Donnell
Round Table Discussion. Members free to raise any topic for discussion	10 Mins	All
Meeting Closes	0 Mins	All
Lunch Served to Members in the Restaurant	1 p.m.	All

GENERAL HOUSE KEEPING

Transparency

- Minutes being recorded and will be published on the stakeholder forum and made available to general public
- Presentations will be published in the stakeholder forum and made available to general public

Stakeholder forum link : ([Our Advisory Council \(esbnetworks.ie\)](https://www.esbnetworks.ie))

Questions



If joining us virtually please raise your hand or drop questions into the chat function

Please note over the course of the year there may be open procurement processes so there may be aspects of the programme we will not be in a position to discuss.

INTRODUCTIONS

- Aidan O'Mahony**
Cork City Council
- Trevor Harron**
NIE Networks
- Amanda Jane Gainford**
NSAI
- Stephen Donnelly**
Sligo IT
- Bobby Smith**
Wind Energy Ireland
- Siobhán McHugh**
Demand Response Association of Ireland
- Conall Bolger**
Irish Solar Energy Association
- Richard Kelly**
DCU
- Declan Meally**
SEAI
- Paddy Finn**
Viotas
- DR Isobella Donnelly**
National Community Energy
- Killian O'Connor**
SMS plc
- Ellen Diskin**
National Network, Local Connections
- Jon O'Sullivan**
EirGrid
- Enda Leavy**
EV Owners
- John O'Shea**
Codema
- Eoin Kennedy**
EirGrid
- Gillian Baker**
SEAI
- Gerry Noone**
National Network, Local Connections
- Gary Purcell**
Department of the Environment Communications and Climate



Advisory Council Meeting 2 Minutes & Actions Sign off

Meeting Minutes found here: Action Log: [advisory-council-meeting-2-minutes-final.pdf \(esbnetworks.ie\)](#)

Item	Details	Progress	Status (Proposed)
1.	NNLC to review the approach adopted as part of the SSG consultation.	Pilot Product launched NC8 form available through esbnetworks.ie Full details and FAQs available here: Connecting Small Scale Generation (esbnetworks.ie)	Propose to Close

Older Council actions items

Item	Details	Progress	Status (Proposed)
1.	Community Schemes for RESS 2 and future RESS 3, all members of advisory council to agree to work together to ensure funded projects are considered for relevant NNLC pilots. DPAI will have to be considered here.	Internal ESN working group stood up to identify Community Projects early once RESS contract is awarded. Commitment given to SEAI to collaborate at the earliest possible opportunity to support the funding application process	Presentation at Advisory Council 3 on progress made by NN,LC. Status ongoing
2.	Revisit the topic of small-scale trading at the upcoming National Advisory Council meeting	NN,LC will go to Consultation in Q4 on the DSO/TSO workplan Workshop to be held with DRAI members on Pilot 2 to understand aggregators view on week-ahead detailed design	Pilot 2 workshop Monday Dec 12th. Consultation update given at Advisory Council meeting 3. Status Closed

Multi-year Plan Consultations

Flexibility Multiyear Plan

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DOC-230921-GVV

Updated following consultation in Q4 2021.



Proposed 2023 priorities being up-dated based on CRU direction.

Local Network Visibility Multiyear Plan

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LOCAL CONNECTIONS
PROGRAMME

DOC-230921-GV0

Updated following consultation in Q4 2021.



Proposed 2023 plan being up-dated based on CRU feedback

Multi-year DSO/TSO Work Plan Covering 2023 - 2027

Joint System Operator Programme
Summary of Responses Received
to Consultation - April 2022

DOC-230921-G1W



Being finalised in partnership with Eirgrid



Consultation Roadmap



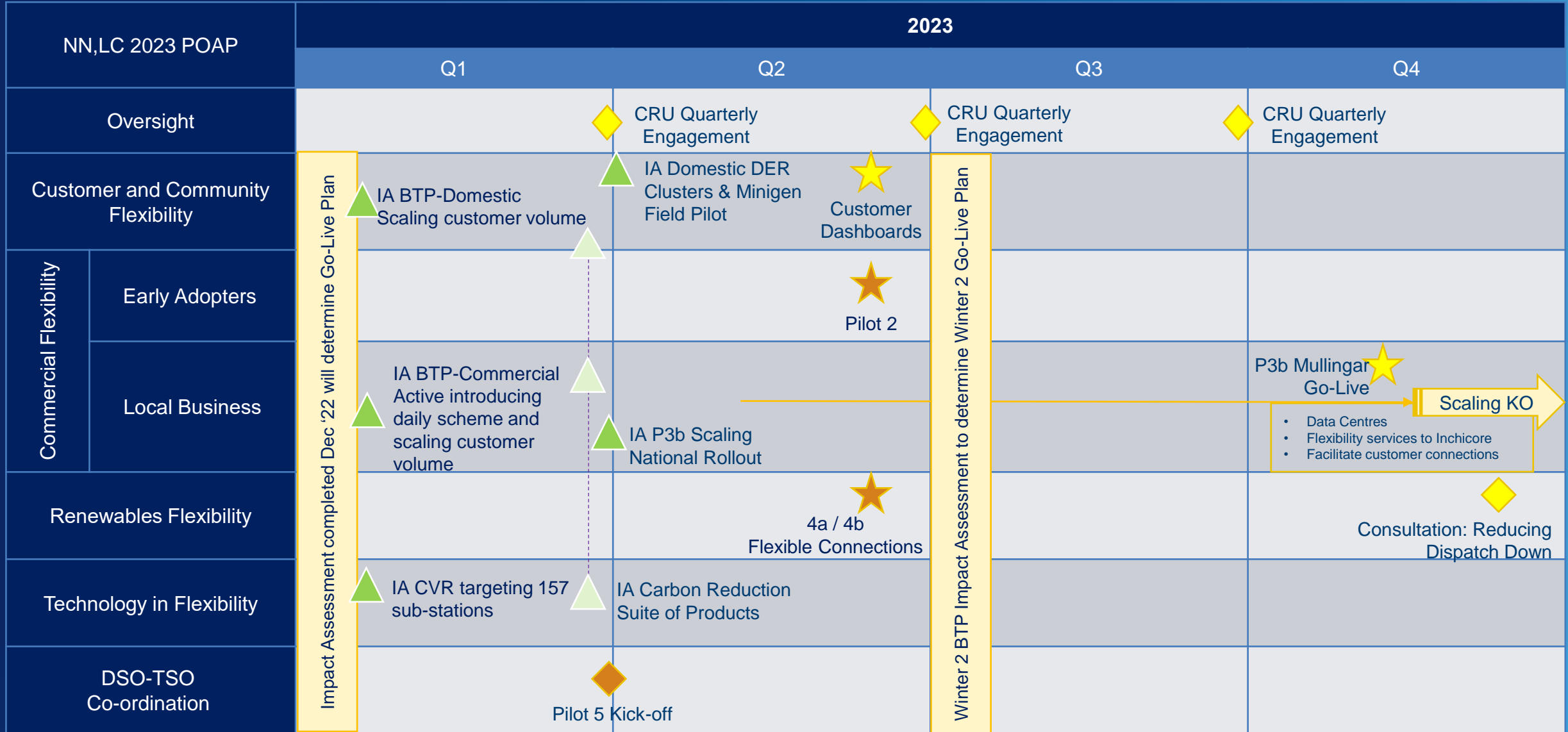
NN,LC Programme | 2023 Flexibility POAP - CRU

Proposed timelines will be validated through impact assessment process

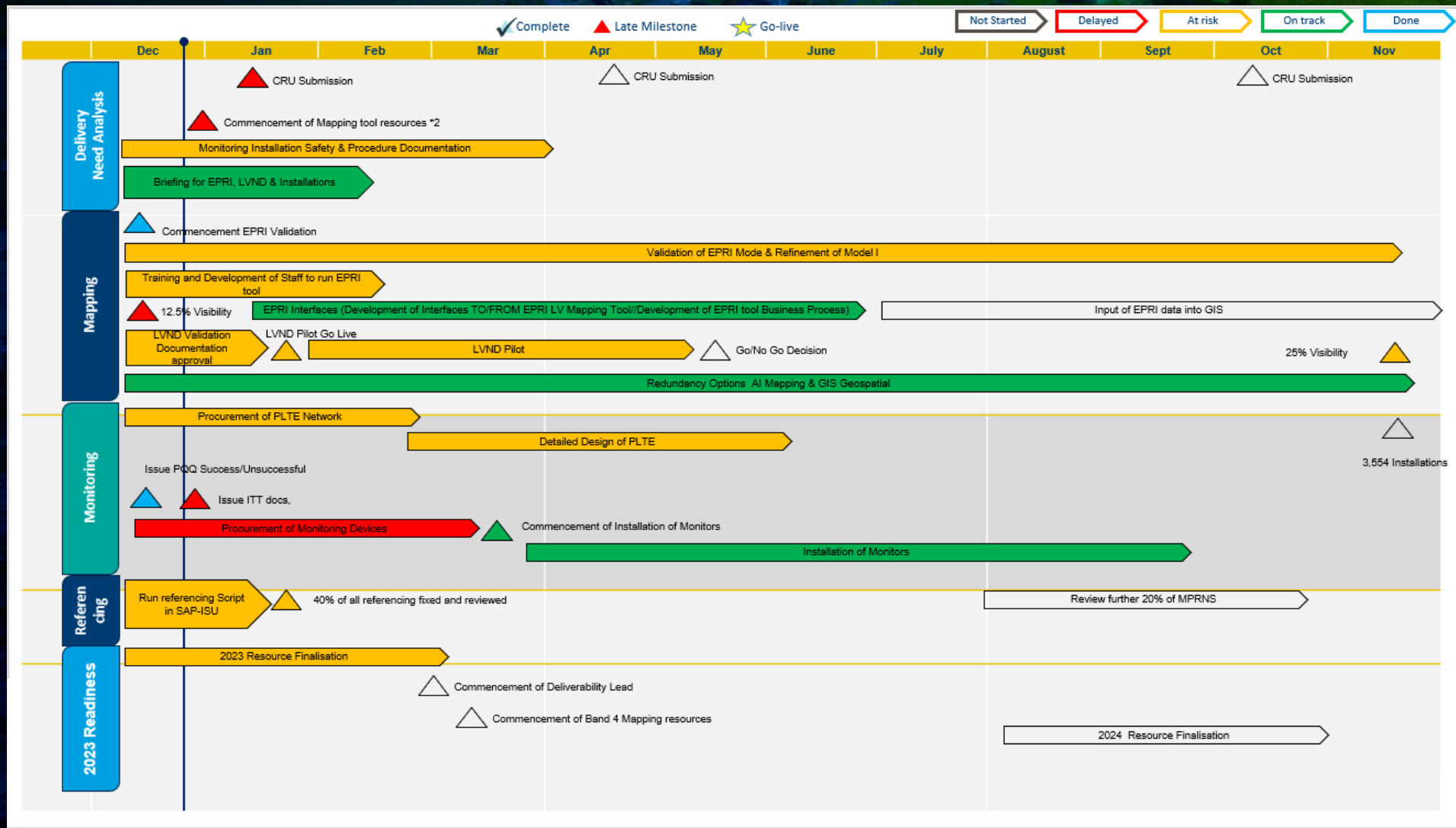
Legend

-  Timelines may change following impact assessments
-  Proposed Timeline

-  Impact Assessment (IA)
-  Milestone
-  Go-Live



Local Visibility Multi – Year Plan 2023

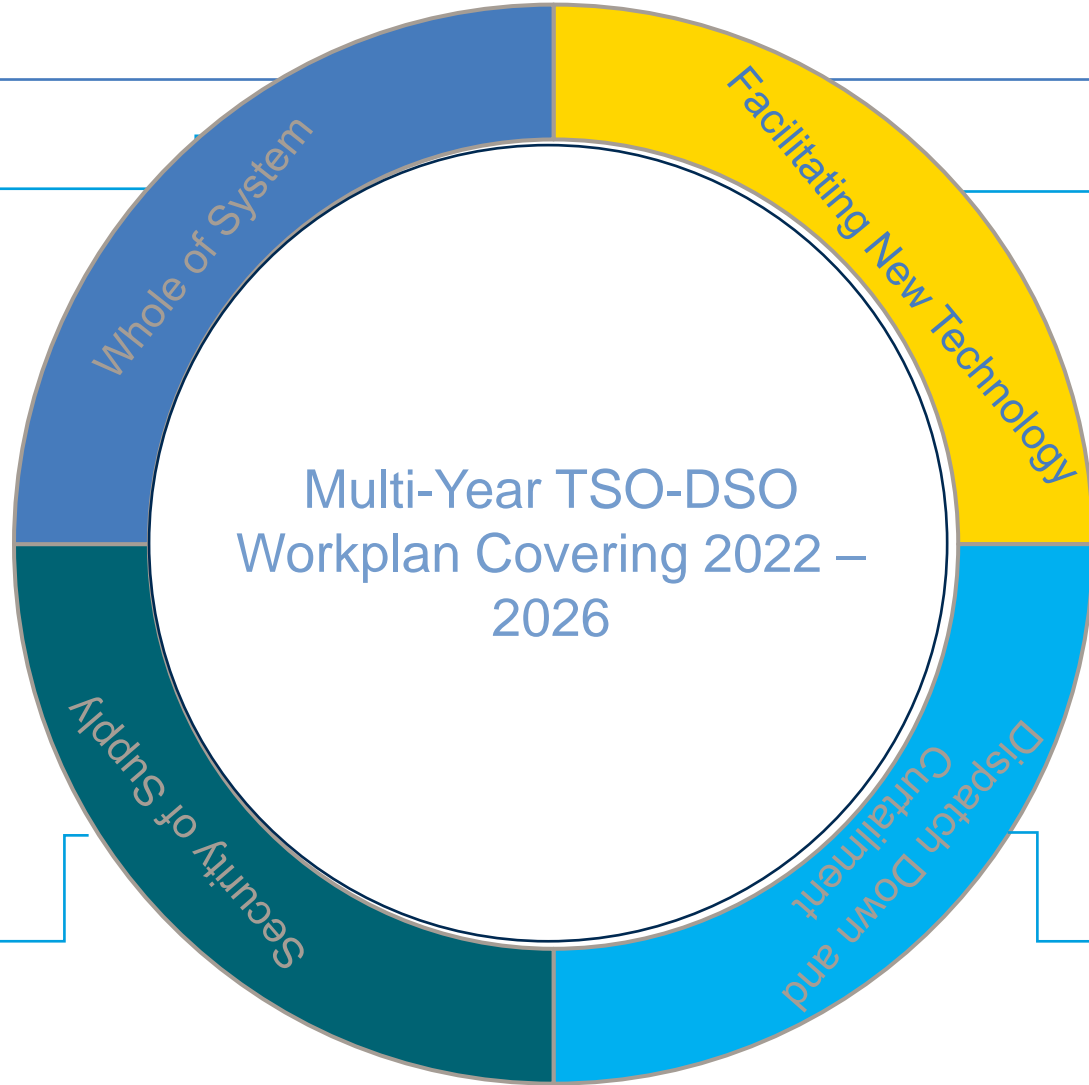


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TSO-DSO Joint System Operator Programme

- High Level Design on Operating Model
- Aggregation Structures – issue preliminary proposals to regulator



- Go-live of Pilot 3B with TSO-DSO Operating Model process in line with TSO-DSO High Level Design
- New QTP process established in line with SEM Committee decision and new QTP launched.

- Technical assessment of distributed energy resources on system performance during faults and recommendations on next steps
- Review protection settings of respective TSO/DSO data centres and, as required, pilot revised settings with customers

- Complete assessment of TSO-DSO practices to identify optimised resource management approaches to alleviate constraints/curtailments on the transmission and distribution system.

Beat the Peak

Beating the Peak

Reference gap: c. 500MW peak shortfall

250MW - 530MW estimated peak reduction: long list

150MW - 250MW estimated peak reduction: short list

2022 MVP

Piloting:



30k domestic customers

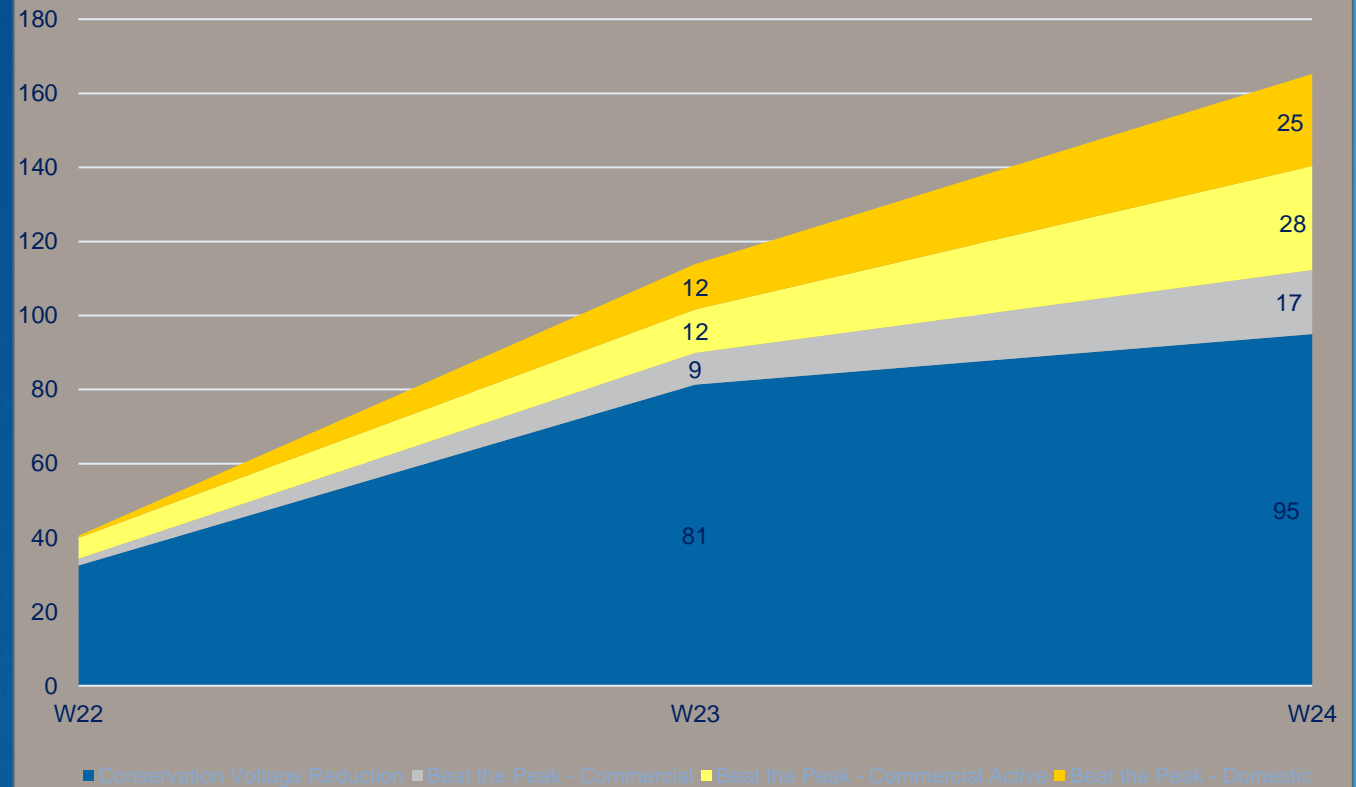


~ 80 business customers

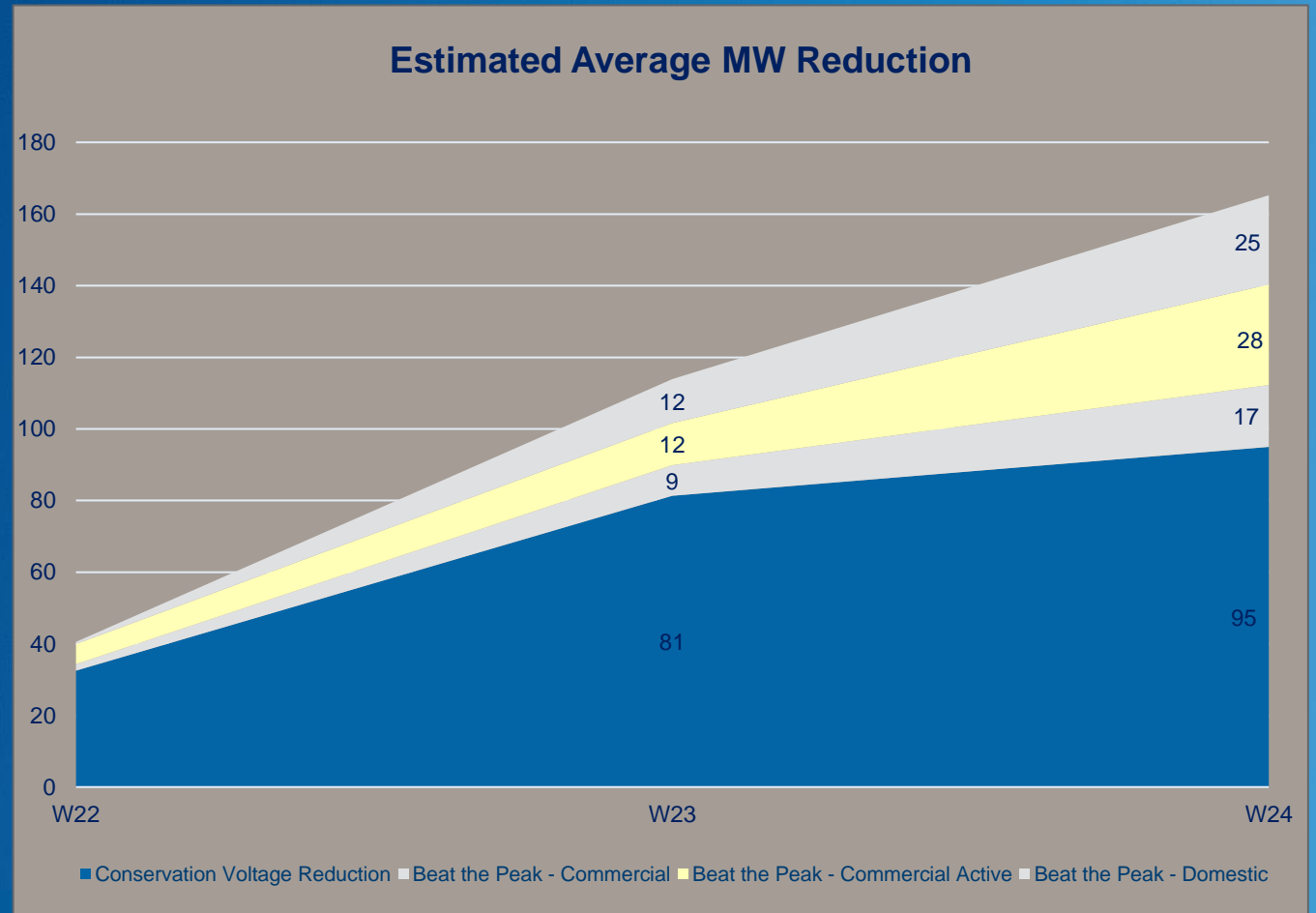


~ 60 distribution substations

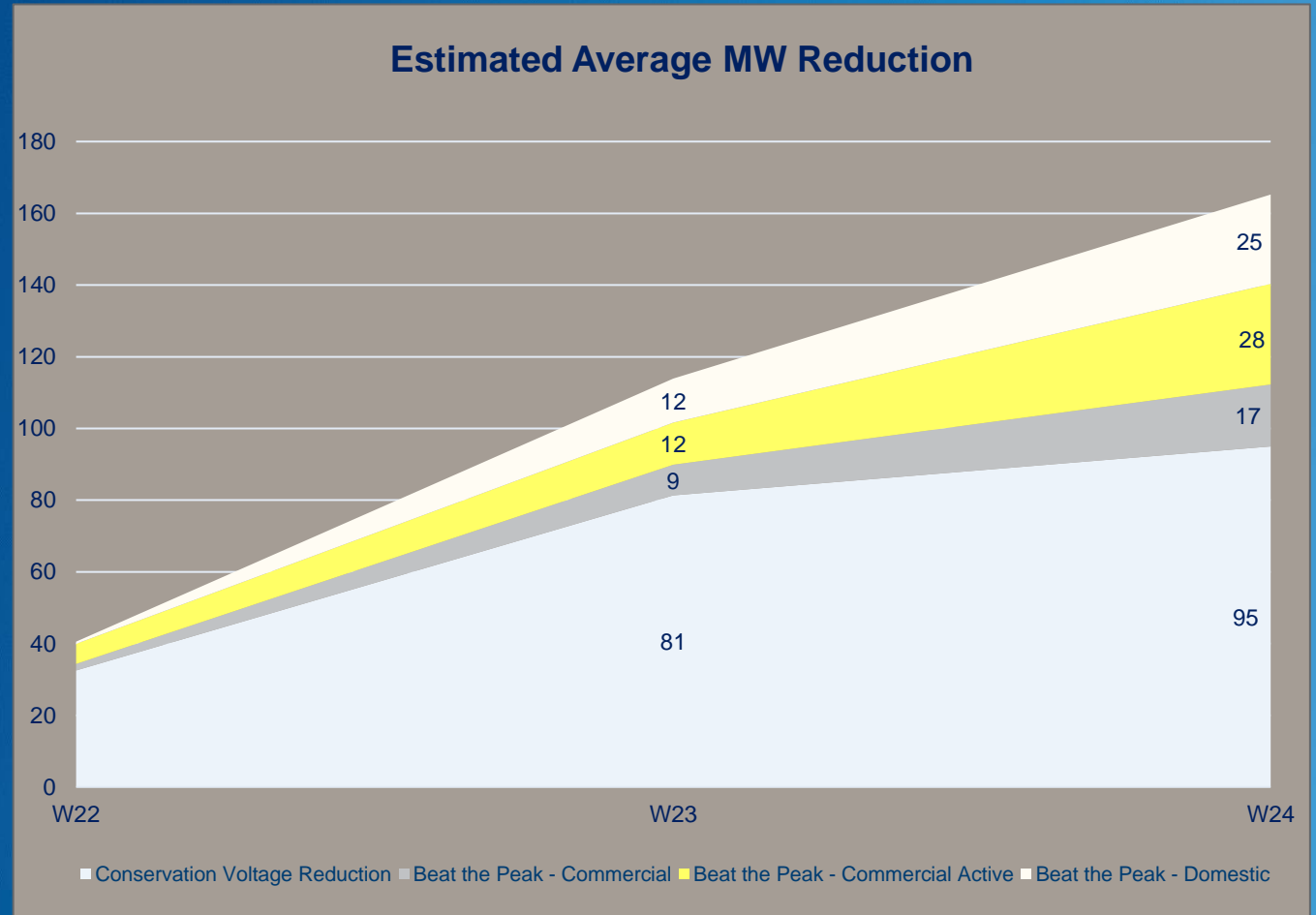
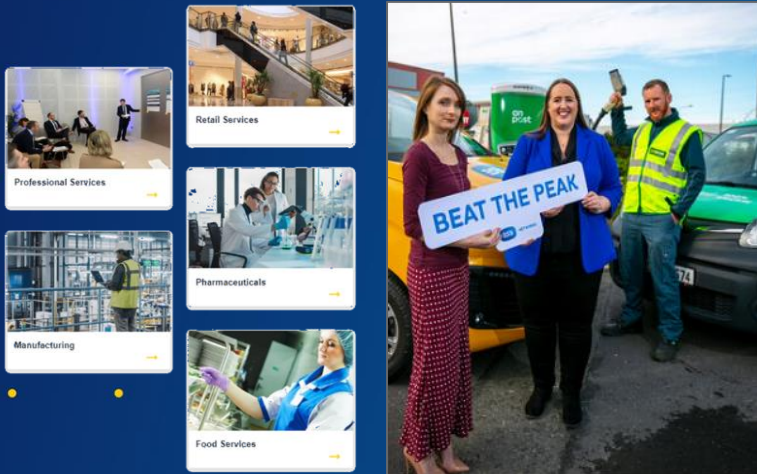
Estimated Average MW Reduction



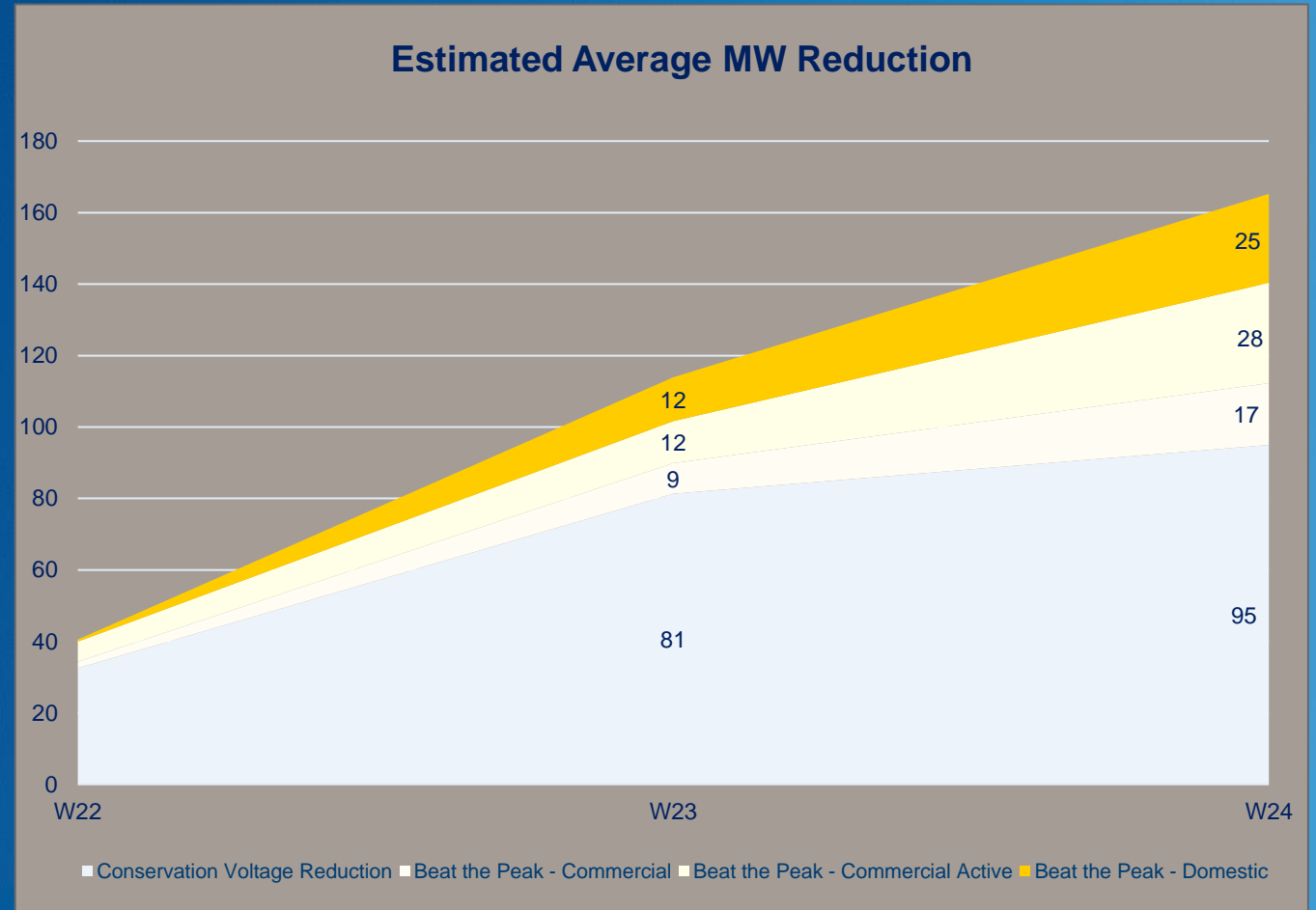
Conservation Voltage Reduction



Commercial Schemes



“Is this a good time?”



What can we do? Make it personal!

01

Sign Up to the 'Is This a Good Time' pilot

This pilot is open to all domestic customers regardless of their electricity supplier. Upon registration you will be given the information and useful tips on how to take control of your electricity usage at home, and will have the option to opt-in to support in times of peak events (amber alerts).



> Sign up at esbnetworks.ie/pilot and encourage others to sign up too.

02

Have your organisation sign up to the Commercial Pledge pilot



Open to small, medium and large commercial, semi-state & public sector entities, that if sign up, will be asked to commit to a number of 'pledged' actions that they can implement in their organisation to reduce their electricity demand at peak times 5-7pm.

> Learn more about the Commercial Pledge pilot at esbnetworks.ie

03

Have your organisation sign up to the Commercial Active pilot

Open to organisations that use high energy consumption, that meet certain criteria. A financial incentive will be available for organisations that participate in this pilot.



> Learn more about the Commercial Active pilot at esbnetworks.ie

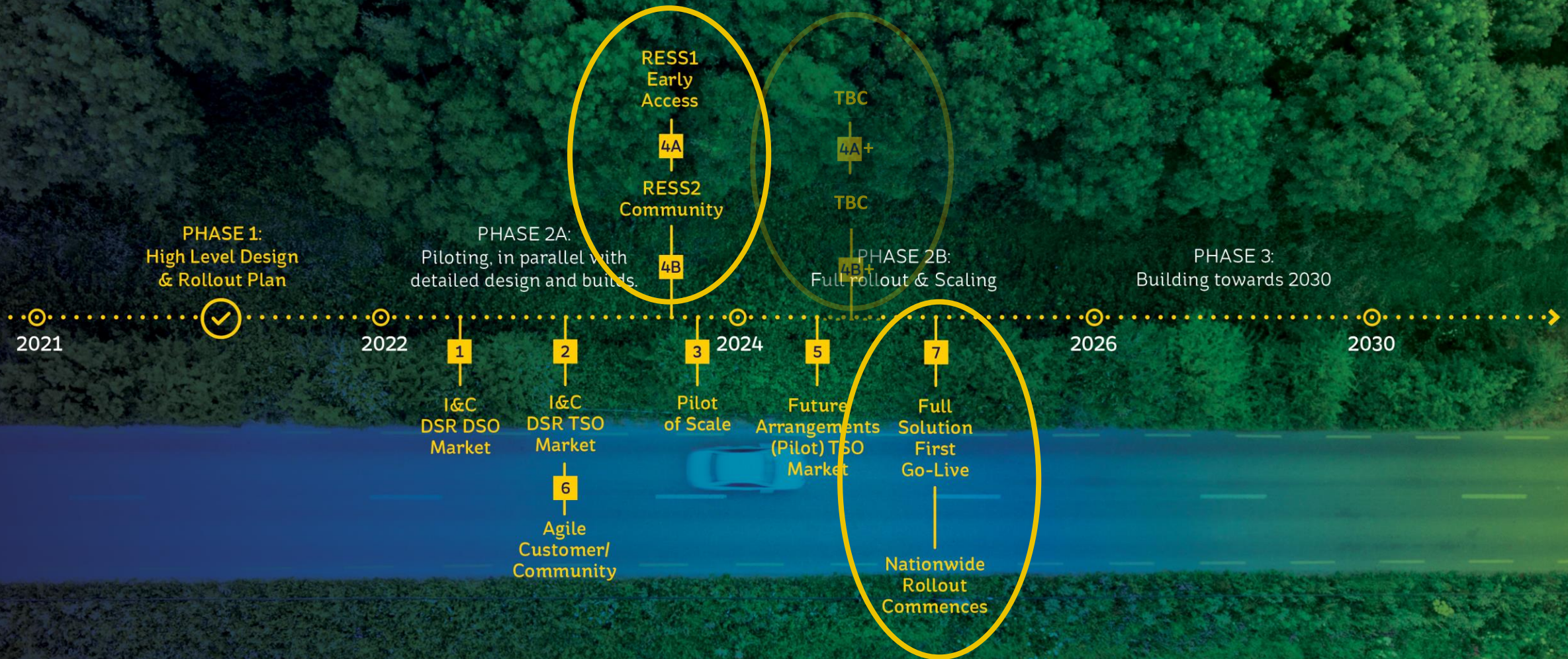
Connecting Renewables Managed Access



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Renewable Journey Pilot 4



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Process we will go through

Step 1

Discussion with possible candidates (Dec 22)

Step 2

More detailed assessment of eligibility
5 weeks
Early 2023

Step 3

Successful candidates to submit modification request and fee
Early 2023

Step 4

Modification Studies commence and modified offer executed

Step 5

Scope; build; connection

Step 6

Pilot commences!



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Pilot 4 Inclusion Criteria and key learnings

- RESS-1, RESS-2, Community Projects
- Deep works
 - Transformer uprate
- Significant Shallow Works
 - Dedicated transformer
 - 38kV Tee
- Geographic - not nearest Station
 - Large km of network required to connect to not nearest station
- Estimated Connection Date
 - At least 6 months away
- Expanding on current non-firm guidelines by offering flexible access
- Introducing flexible capacity at higher voltage levels
- Allowing both firm and flexible capacity at a site
- **Implementation** - Generators will be contacted in the event of an outage (planned or fault) and will be required to reduce flexible capacity to 0MW
- Response time (for fault outages) to be 15 mins

Industry Involvement

- Managed access will lead to cheaper and faster connections in some cases
- Potential to have significant impact on both future and existing connections
- We want to :
 - Involve industry in the development of our plans for Flexible Access
 - Get industry views on blockers to flexible access
 - Get industry input on the types of projects for whom flexible access may be of most benefit
 - Advise the industry group of any proposed policy changes on flexible access

Round Table Discussion

Pilot of Scale: Mullingar and surrounding areas

Market Consultation (PIN) closed 25 Nov

Flexibility website due to go live and includes a map of locations (Piclo)

Flexible Service Providers can engage with any customer (SMEs, industrial and commercial, domestic)

Pre Qualifying Questionnaire expected mid-late December

Flexibility required from Oct 2023.



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AOB and Close Out