



NETWORKS

# NATIONAL NETWORK LOCAL CONNECTIONS PROGRAMME

ADVISORY COUNCIL  
MEETING 1 | JUNE 29TH 2022



# AGENDA

Chair: Ellen Diskin

Welcome & Introductions

10 mins

Gerry Noone / All

Role of the Advisory Council & Programme Overview

15 mins

Gerry Noone / Ellen Diskin

Piloting Roadmap

- Residential
- Industrial/Commercial
- Pilot 2 "Statement of Intent"
- Renewable

45 mins

Ellen Diskin & Members of Programme Team

Setting our Advisory Council up for Success

15 mins

Gerry Noone / All

Update on joint TSO/DSO workplan, AOB and close

5 mins

Gerry Noone

# 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.**

# WELCOME

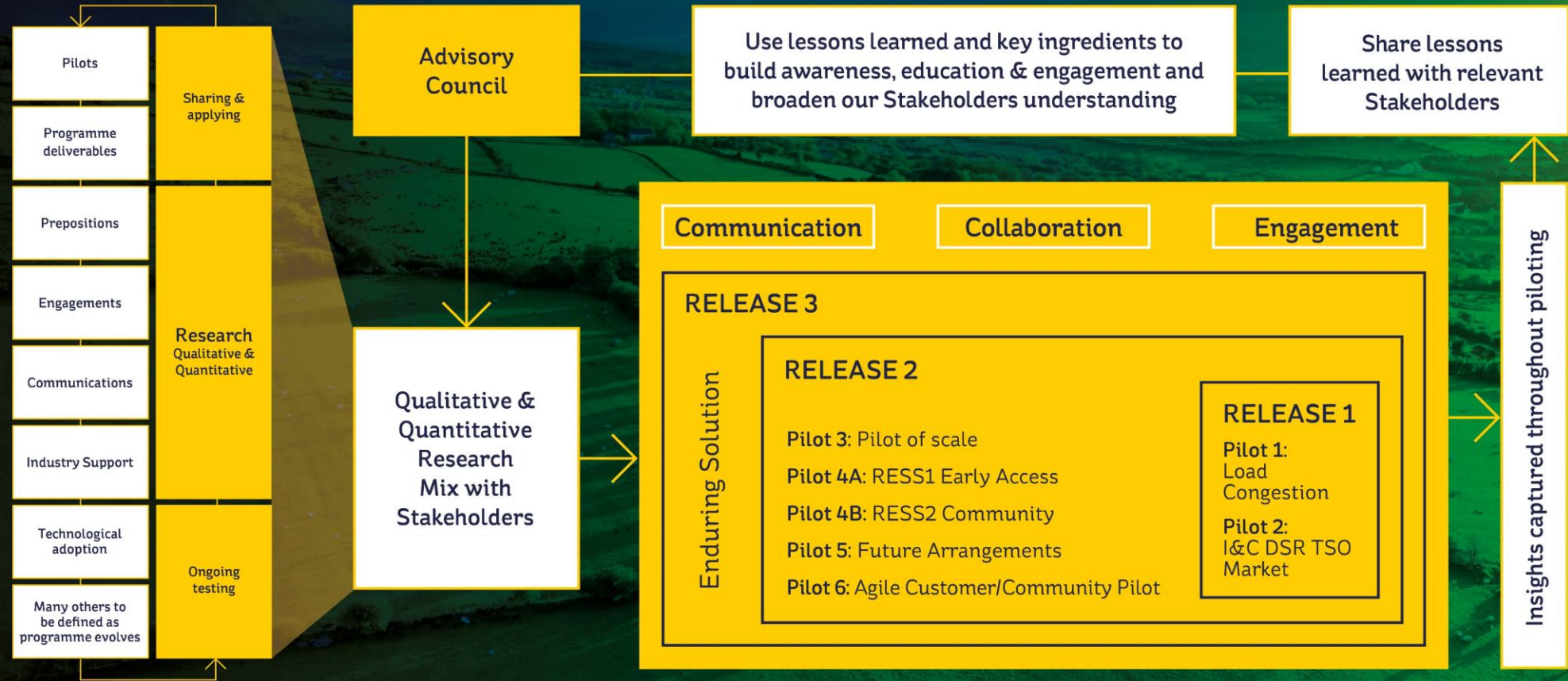


# INTRODUCTIONS

- 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



# DELIVERING IN PARTNERSHIP



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Mandate  
& Vision

2020

Setting up  
to deliver

2021

Roadmap  
to deliver  
- journey  
begins

2022

Enduring  
solution

2025+

A Network  
for Net  
Zero &  
empowered  
customers

2030

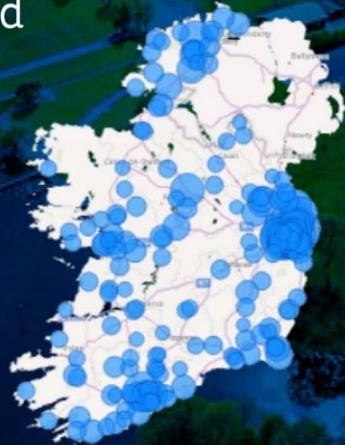
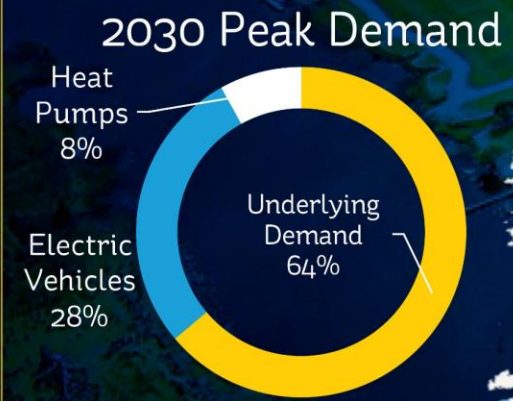
Working in collaboration with customers,  
communities and industry



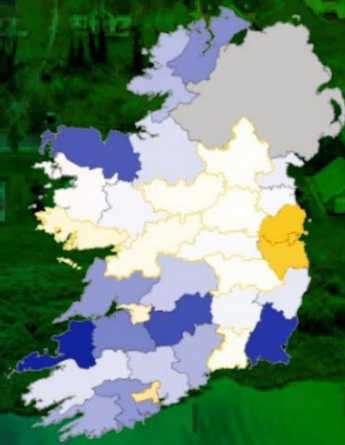
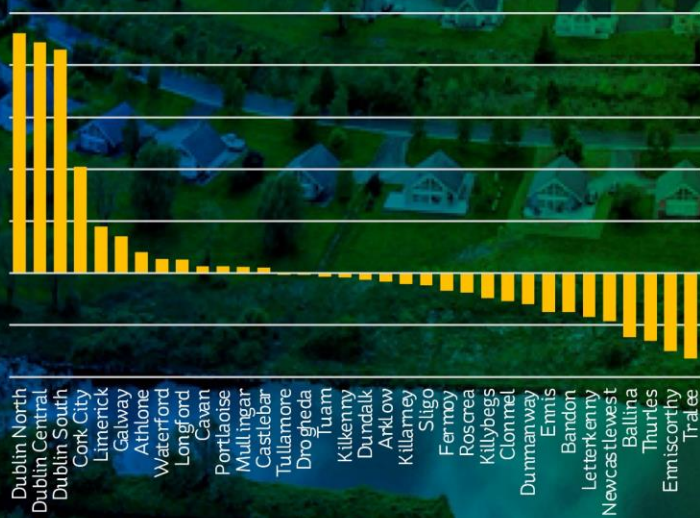
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# MANDATE & VISION



## Importing or Exporting?



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# SETTING UP TO DELIVER EXTERNAL FOCUS

10 Internal Review Groups

12 Knowledge transfer sessions with International Utility Companies

33 Research documents reviewed

20 Meetings with international Energy Industry Representatives

14 Knowledge transfer sessions with Technology Experts

12 Meetings with Irish Energy Industry Experts

25 Responses to the consultation survey on the pace and scale of the programme

9 Stakeholders featured in the stakeholder video

9 Week Consultation Process

26 Thought leadership speaking opportunities across targeted industry segments

296 Stakeholder Questions Answered

15 Focus groups across industry, homes, farms and businesses, 20-70 age group, cross sections of background / locations.

10 Consultation Documents & a Consultation Overview Document

321 Registered stakeholders. Increase of 136 stakeholders within 5 days of official launch.

5 Pre-consultation roundtables. To ensure stakeholder perspectives framed the documents from their design.

7 Stakeholders featured in a Sunday Business Post article.

24 Consultation Responses

10 Stakeholders featured on a Newstalk Podcast.

135 Stakeholders joined the roundtable discussions

5 Roundtables during consultation. To provide stakeholders with an opportunity to speak with the team and to field queries.

# EVOLUTION - NATIONAL NETWORK, LOCAL CONNECTIONS PROGRAMME

	2022	2023	2024	2025
<b>Commercial Flex</b> <i>(inc. for EirGrid)</i>	★ 1 <sup>st</sup> go-live	★ T/D 1 <sup>st</sup> go-live	★ Expanded geography & products	★ T/D Future Arrangements
<b>Renewables Flex</b>		★ 1 <sup>st</sup> go-live (RESS 1)	★ 2 <sup>nd</sup> go-live (RESS 2)	★ Dispatch down reduction - expanded geography
<b>Domestic Flex</b>	★ Energy Smart this Winter V1.0	★ Domestic Flexibility KO	★ Local Energy Dashboards V2.0	★ Domestic Flexibility 2 <sup>nd</sup> Go-live
<b>Enduring</b>				★ 1 <sup>st</sup> go-live & hypercare

Roadmap to deliver - journey begins

2022



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24

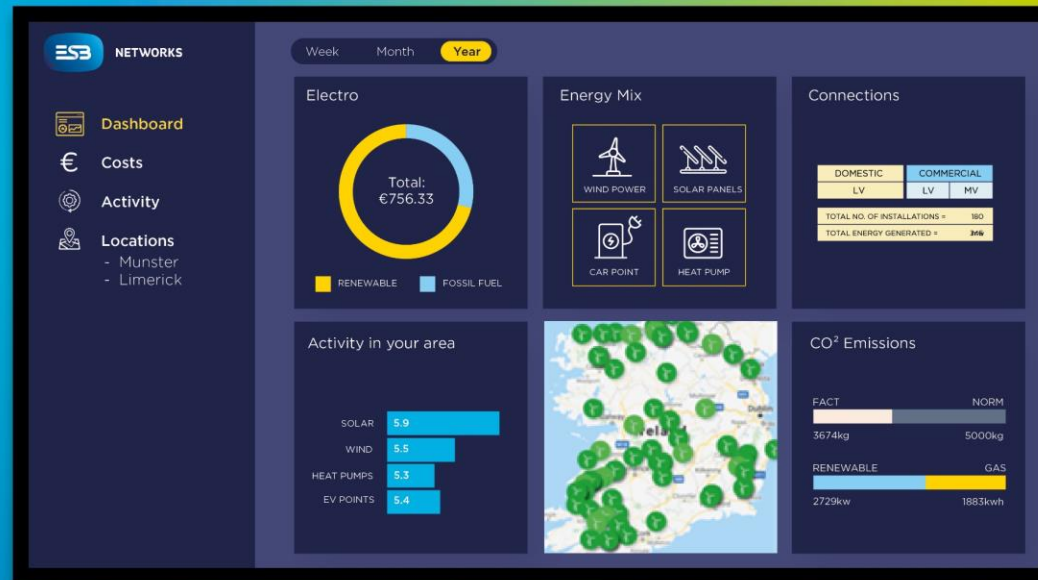


# RE-ENERGISE YOUR LOCAL COMMUNITY TODAY

Great news for Galway, your neighbours are now helping create a new energy landscape, which you can be part of too.

Energy generated, stored and consumed within our local communities is good for us, and great for our future.

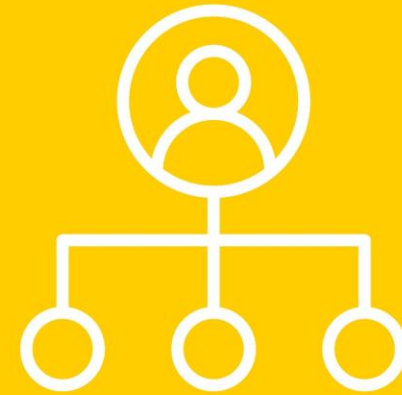
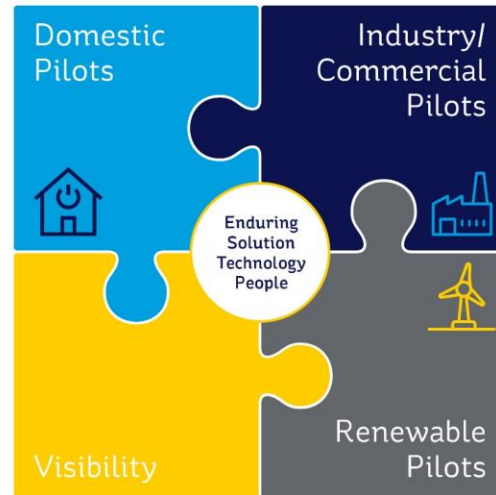
[esbnetworks.ie](http://esbnetworks.ie)



# PILOT OVERVIEW



*For illustration purposes only*





## Renewable Pilots

### WHAT WILL BE DIFFERENT AND WHAT NEXT?

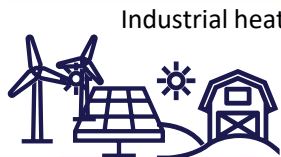
#### Reducing Dispatch Down H1 2023



Number of locations  
TBC



Number of candidates  
TBC(!)



Industrial heating & CHP

#### Flexible Connections H1 2023



Up to 5 locations  
currently identified



Up to 5 developer led  
projects



RESS1 qualified wind &  
solar farms

#### Flexible Connections H2 2023



Candidates under review,  
15 slots available



Candidates under review,  
15 slots available



RESS2 community  
candidate wind & solar



*For illustration purposes only*

# Q&A












Please raise your hand or drop questions into the chat function



## Industry/ Commercial Pilots

### WHAT WILL BE DIFFERENT AND WHAT NEXT?

Local Demand Flexibility H2 2022	TSO Demand Flexibility H1 2023	Local Demand Flexibility H2 2023
 Up to 5 locations	 Up to 50 locations	 Up to 60 locations, kicking off in Mullingar
 Up to 17 customers & up to 4 aggregators	 Up to 50 customers across all active aggregators	 As many as possible.
 Factories, industrial facilities, hotels, shops...	 Factories, industrial facilities, hotels, shops...	 Factories, industrial facilities, hotels, shops...



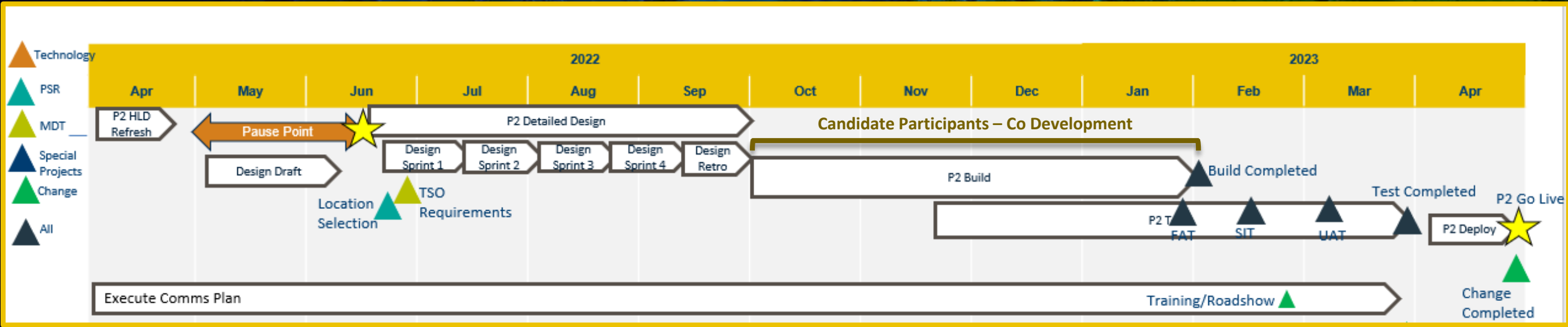
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# STATEMENT OF INTENT. PILOT 2





# STATEMENT OF INTENT. PILOT 2












# (Recap!)



Industry/  
Commercial  
Pilots

WHAT WILL BE DIFFERENT AND WHAT NEXT?

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*For illustration purposes only*



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# Q&A












Please raise your hand or drop questions into the chat function



## Domestic Pilots

### WHAT WILL BE DIFFERENT AND WHAT NEXT?

<b>"Beat the Peak" Winter 2022/2023</b>	<b>In the Community H1 2023</b>	<b>Domestic Tech Trials H1 2023</b>
 Nationwide	 Up to 5 locations initially	 TBC locations
 '000s	 Full SEC population	 TBC customers
 Community, Individual, Local business	 Existing SECs or LCZs	 Domestic premises which have already adopted EV / HP

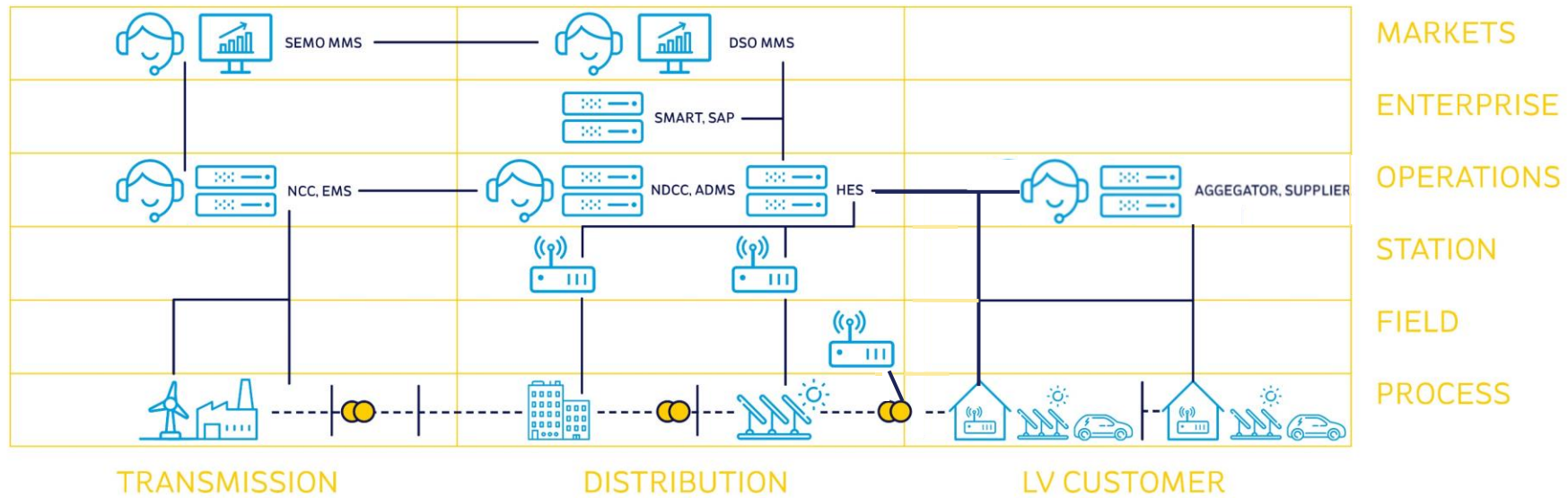


# Q&A

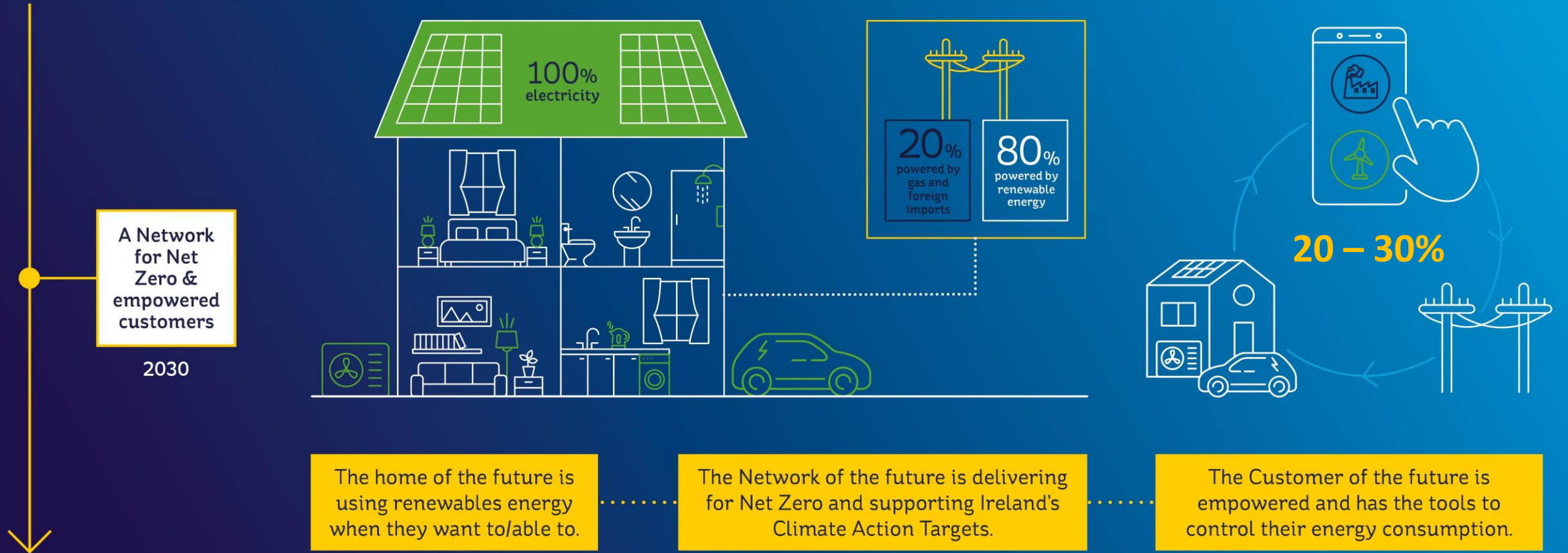


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# ENDURING SOLUTION



# EVOLUTION - NATIONAL NETWORK, LOCAL CONNECTIONS PROGRAMME



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# SETTING OUR ADVISORY COUNCIL UP FOR SUCCESS

ITEMS BELOW AS DISCUSSION POINTS

National  
Research  
Panel Set Up  
& Nomination

Logistics –  
Virtual,  
Physical,

What would  
you like to see  
/hear at these  
meetings ?

Discussion on  
the advisory  
council  
agenda (  
power and  
influence) !

Any other  
discussion  
points to  
ensure a  
meaningful  
use of your  
time ?



# Q&A



Please raise your hand or drop questions into the chat function

# Supporting Ireland's ambition of delivering a low carbon Network by 2030

Powered by TSO & DSO



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# UPDATE

Following **extensive engagement throughout 2021** – and in line with the published multi-year programme of work – the system operators **proposed a timeline to deliver the future DSO-TSO** operating model vision and principles by the **end of H1 2022**.

On April 14th, the SEM Committee published SEM-22-012 System Services Future Arrangements High Level Design Decision Paper, which sets out the need for interaction between the DSO and TSO in the context of transmission system services arrangements (and some preliminary high-level design direction in this regard).

In light of SEM-22-012, the DSO and TSO agreed a revised timeline, reflecting the need to fully consider the implications of the decision paper in the context of the future DSO-TSO operating model.

Joint workshops to develop vision and principles will take place in H2 2022 to support meaningful stakeholder engagement.



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AOB and Close Out

Next Meeting to be held October 2022



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