

# Energy Networks Association

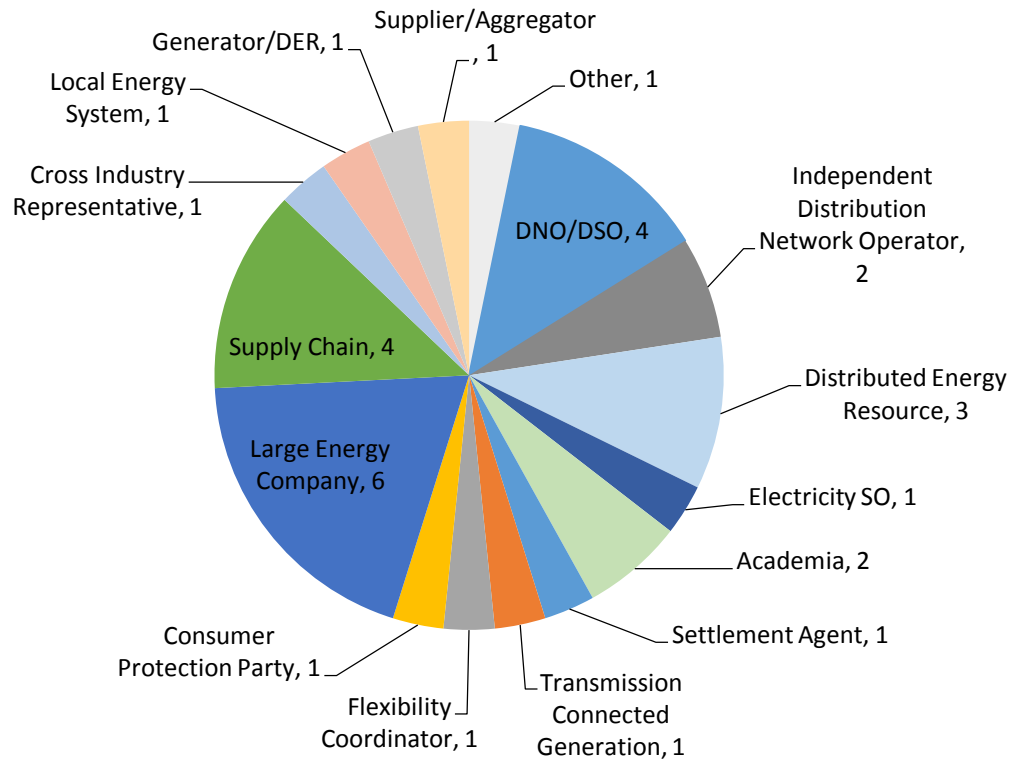
## Annex 1: Consultation Analysis Results

# Analysing your responses

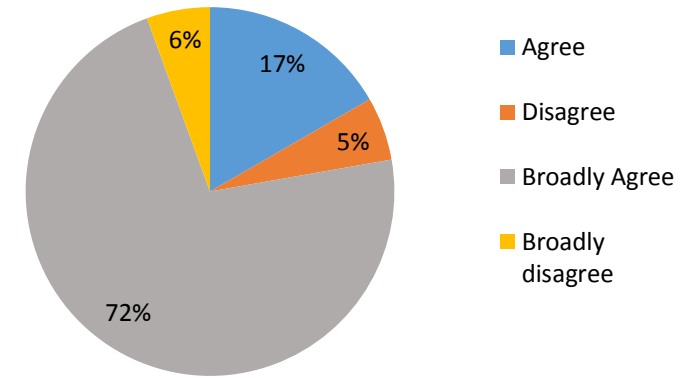
- Product group graded each question response into 'broadly agree', 'agree', 'broadly disagree', 'disagree' and 'no comment' categories and produced a pie chart for each question
- The response to consultation questions that relate to a particular theme have been shown in the relevant section in this presentation. The response to all 20 questions is set out below
- Pie charts presented exclude DNO/IDNO and ESO responses and 'no comment' category to concentrate on external stakeholder input. However, network companies are important stakeholders in ourselves, therefore any future steps must take into account these views and preferences
- Product group analysed each response and pulled out the key messages, grouped under the six themes of: Value of Impact Assessment; Transition Paths; Assessment of Worlds; Comments on specific Worlds; Further work for consideration by WS3; and Policy & decision making
- Key messages from each responder were distilled into a set of common stakeholder views
- Developed a referral flag for highlighting stakeholders' relevant comments to 2019 WS3 Product Leads for consideration in their delivery plans

# Quantitative responses analysis

## Q1 – Category of responder



## Q3 – Do you agree with the conclusions and insights within the executive summary?

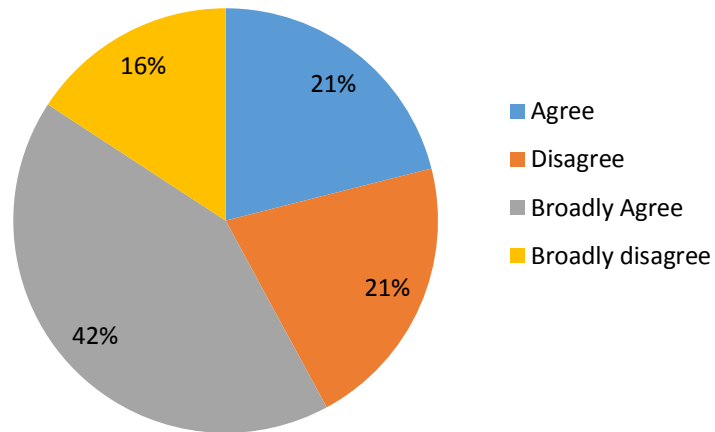


Answer	Count of response
Agree	3
Disagree	1
Broadly Agree	13
Broadly Disagree	1
<b>Total</b>	<b>18</b>

Note, analysis excludes IDNO, DNO and ESO responses to remove potential for bias

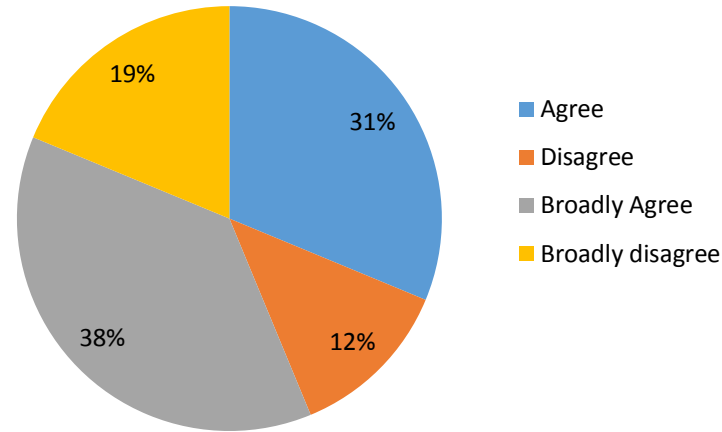
# Quantitative responses analysis

**Q4 – Do you agree with the options set out as potential transition paths?**



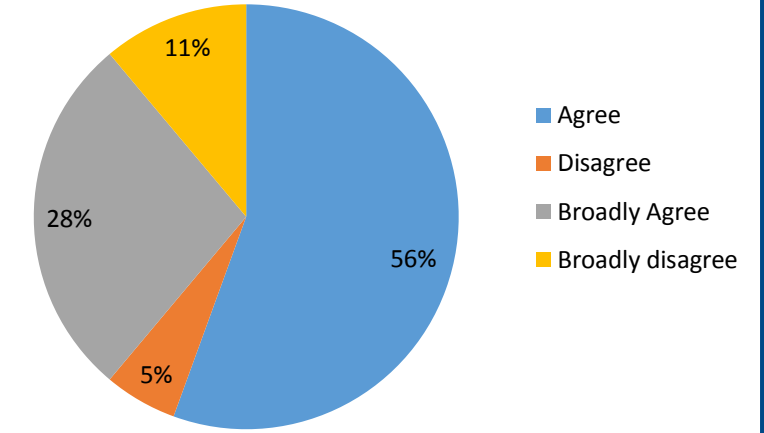
Answer	Count of response
Agree	4
Disagree	4
Broadly Agree	8
Broadly Disagree	3
<b>Total</b>	<b>19</b>

**Q5 – Do you believe there are any other viable transition paths?**



Answer	Count of response
Agree	5
Disagree	2
Broadly Agree	6
Broadly Disagree	3
<b>Total</b>	<b>16</b>

**Q6 – Do you agree with the assumption that all transitions path start in Stage 1 of World B?**

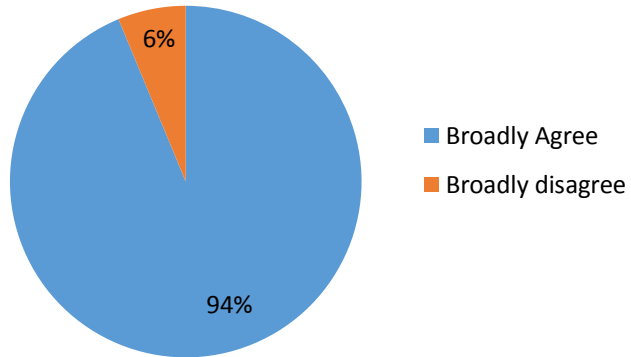


Answer	Count of response
Agree	10
Disagree	1
Broadly Agree	5
Broadly Disagree	2
<b>Total</b>	<b>18</b>

Note, analysis excludes IDNO, DNO and ESO responses to remove potential for bias

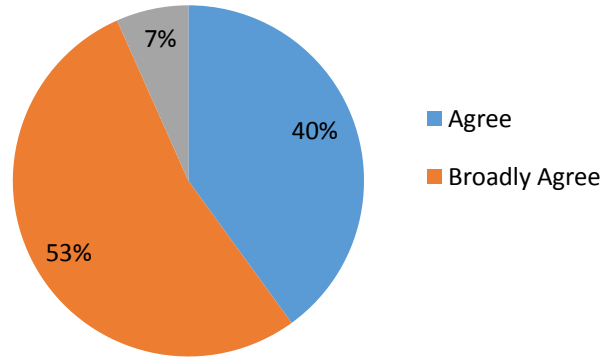
# Quantitative responses analysis

**Q7 - Do you agree with the areas identified for further work in the 2019 workplan and the further work ideas in the impact assessment or do you feel there are other areas of work that should be prioritised to progress in this area?**



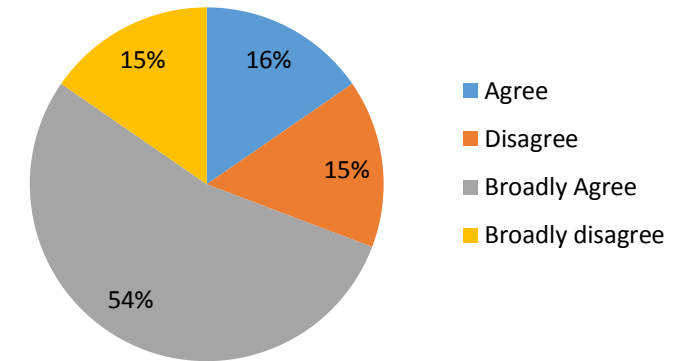
Answer	Count of response
Broadly Agree	15
Broadly Disagree	1
<b>Total</b>	<b>16</b>

**Q9- Do you agree with the areas identified for further work in the 2019 workplan and the further work ideas in the impact assessment or do you feel there are other areas of work that should be prioritised to progress in this area?**



Answer	Count of response
Agree	6
Broadly Agree	8
Broadly Disagree	1
<b>Total</b>	<b>15</b>

**Q10 – Do you agree, disagree on the key benefits assumptions contained within Appendix B (e.g. all Worlds, apart from World C, achieve the same benefits by 2050 etc) and used in the impact assessment?**

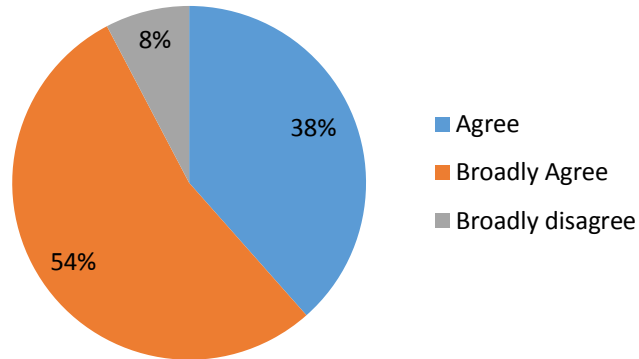


Answer	Count of response
Agree	2
Disagree	2
Broadly Agree	7
Broadly Disagree	2
<b>Total</b>	<b>13</b>

Note, analysis excludes IDNO, DNO and ESO responses to remove potential for bias

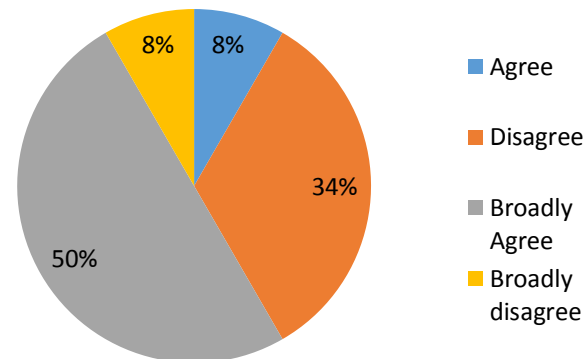
# Quantitative responses analysis

**Q11 – Do you agree or disagree on the approach used to assess the overall potential benefits of improved system operation?**



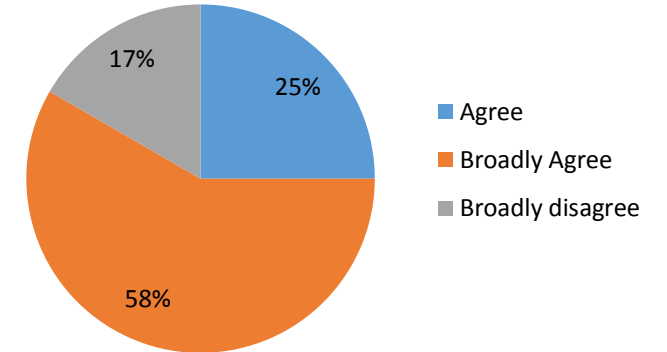
Answer	Count of response
Agree	5
Broadly Agree	7
Broadly Disagree	1
<b>Total</b>	<b>13</b>

**Q12 – Do you agree with the assessment of the proportion of benefits which each Future World is capable of delivering in Stage 1 and Stage 2?**



Answer	Count of response
Agree	1
Disagree	4
Broadly Agree	6
Broadly Disagree	1
<b>Total</b>	<b>12</b>

**Q13 – Do you agree or disagree on the approach taken to deal with the uncertainty/range of benefits?**

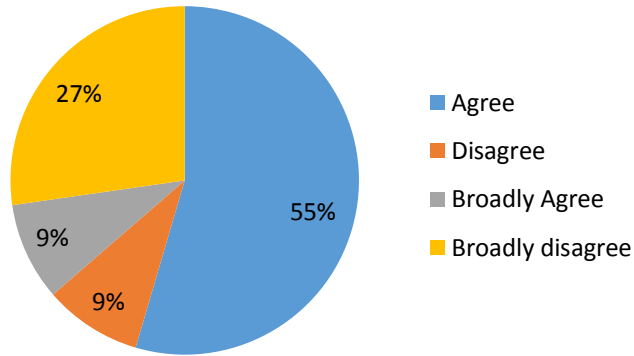


Answer	Count of response
Agree	3
Broadly Agree	7
Broadly Disagree	2
<b>Total</b>	<b>12</b>

Note, analysis excludes IDNO, DNO and ESO responses to remove potential for bias

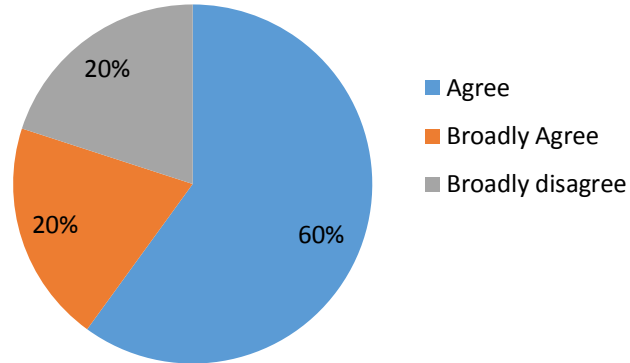
# Quantitative responses analysis

Q14 – Do you agree or disagree with the areas identified for quantification of the implementation costs that will be faces by DSOs and ESO in Appendix C?



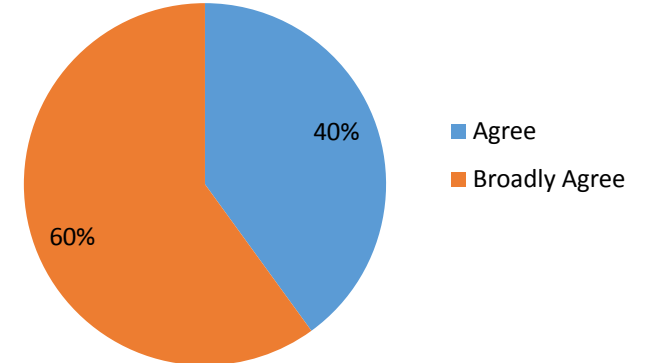
Answer	Count of response
Agree	6
Disagree	1
Broadly Agree	1
Broadly Disagree	3
<b>Total</b>	<b>11</b>

Q15 – Do you agree or disagree with the approach used to assess the costs of each world?



Answer	Count of response
Agree	6
Broadly Agree	2
Broadly Disagree	2
<b>Total</b>	<b>10</b>

Q16 – Do you agree or disagree with the approach to dealing with the uncertainty/range of costs?

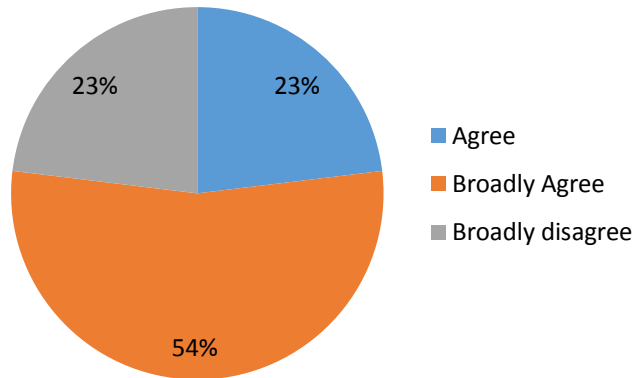


Answer	Count of response
Agree	4
Broadly Agree	6
<b>Total</b>	<b>10</b>

Note, analysis excludes IDNO, DNO and ESO responses to remove potential for bias

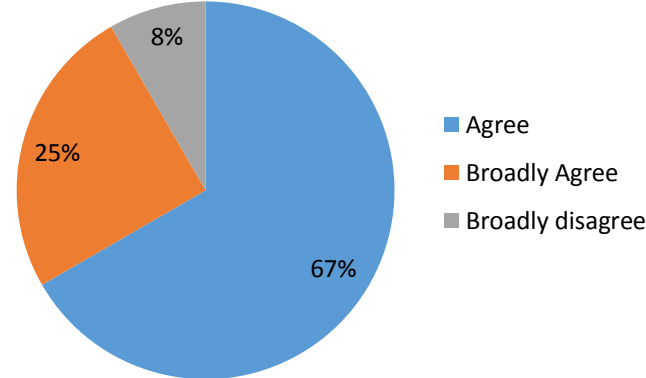
# Quantitative responses analysis

**Q17 – Do you agree with the trade-offs of each of the Future Worlds identified against each of the high-level criteria in Table 1 of the Executive summary?**



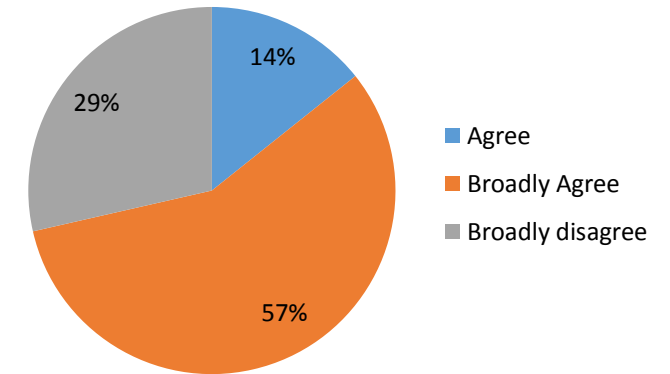
Answer	Count of response
Agree	3
Broadly Agree	7
Broadly Disagree	3
<b>Total</b>	<b>13</b>

**Q18 – Do you agree or disagree with the Appendix A approach of ranking of worlds to identify the strengths and weaknesses of each World against each criteria?**



Answer	Count of response
Agree	8
Broadly Agree	3
Broadly Disagree	1
<b>Total</b>	<b>12</b>

**Q19 – Do you agree or disagree with the rankings and whether they are suitable justified?**



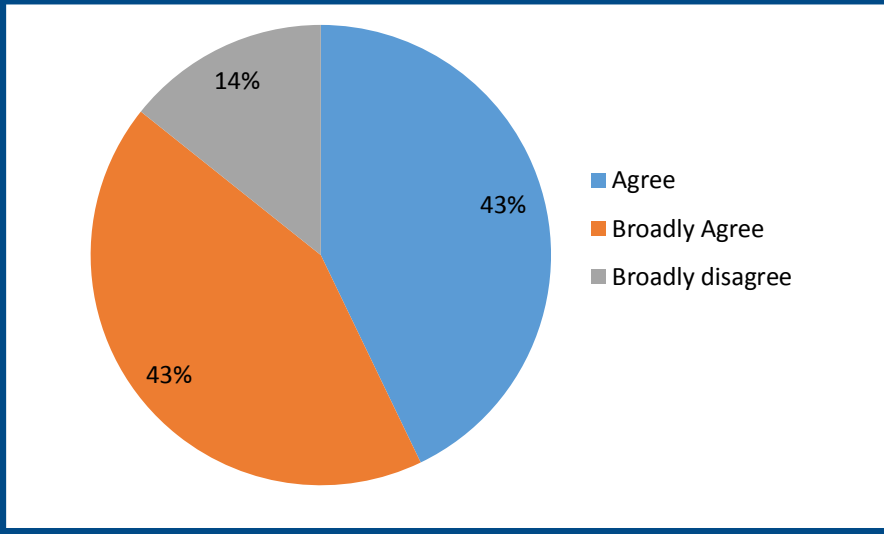
Answer	Count of response
Agree	1
Broadly Agree	4
Broadly Disagree	2
<b>Total</b>	<b>7</b>

Note, analysis excludes IDNO, DNO and ESO responses to remove potential for bias



# Quantitative responses analysis

Q20 – Do you agree or disagree with the list of potential unintended consequences identified in Section 4.5, and their prioritisation and potential mitigation as charted in Figure 20?



Answer	Count of response
Agree	6
Broadly Agree	6
Broadly Disagree	2
<b>Total</b>	<b>14</b>

## Questions 2 & 8

- These questions were not of the agree/disagree format and so the answers to these questions were included in stakeholders' comments section, starting overleaf.
- For completeness these questions were:

Q2: Please provide your views on Baringa's interpretation of the Future Worlds, detailed in Section 2, for the purpose of this impact assessment and the overall approach, highlighting any key strengths or weaknesses, or areas which should be explored in more detail?

Q8: What future work do you believe would enhance the debate and body of evidence around transitioning to the potential Future Worlds?

# Stakeholders' key messages 1

Theme	Key message
Further work for consideration by WS3	Further work in the cost assessment of the Impact Assessment in a range of areas 1) total system costs, 2) control and monitoring costs, 3) third parties' costs, 4) future system balancing costs, 5) NO and SO separation, 6) co-ordination at LV and across NO boundaries.
Further work for consideration by WS3	Further work in the market interactions for the Impact Assessment across the following 1) flexibility and settlements markets, 2) flexibility and ancillary services markets, 3) local and national markets.
Further work for consideration by WS3	Update Future Worlds with Access & Forward Looking Charges reform work
Comments on specific Worlds	World A should be removed from further analysis as it is not a viable option, with questions over incompatibility with EU framework and likelihood of DOS not being a market facilitator.
Comments on specific Worlds	Certain preferences for a World or sequence of Worlds eg 1) World B, 2) World D, 3) World E (addresses conflict of interest, but so could a truly independent) , 4) World B, then World D,
Comments on specific Worlds	Questioned validity and usefulness of World C, with suggestion to remove from IA as it is not an standalone model
Comments on specific Worlds	Clearer definition of World E needed to understand how it compares relatively to other Worlds
Comments on specific Worlds	Certain preference for hybrids eg 1) Worlds C & E, 2) Worlds A or D combined with World E.

# Stakeholders' key messages 2

Theme	Key message
Assessment of Worlds	Enhancements to the CBA to indicate which market player(s) bear the cost and those that benefit
Assessment of Worlds	Follow on analysis to understand whether system operation and network reliability is optimal if driven at the local level or national level
Assessment of Worlds	Challenge to the assumption that all worlds achieve full benefits
Value of Impact Assessment	Impact Assessment places focus on network organisations and consideration to be given to widening focus
Value of Impact Assessment	Future World pathways is useful whilst gaps, uncertainties and unknowns remain. There is a need to continue to review pathways as information becomes available to refine assumptions and close gaps to lead to an end World state
Value of Impact Assessment	Broad agreement with the Impact Assessment approach
Value of Impact Assessment	Uncertainty of values in the assessment suggests this assessment is not robust enough for decision making at this stage

# Stakeholders' key messages 3

Theme	Key message
Policy and decision making	Need for clear and co-ordinated policy and regulatory direction
Policy and decision making	Need for clear delineation of roles between DSO and DNO
Policy and decision making	Regulated monopolies should not participate in competitive markets
Policy and decision making	Need to maintain optionality between transition paths at this early stage
Policy and decision making	Need for compliance with EU legislation
Transition pathways	Many views on the transitional paths shown with alternatives offered
Transition pathways	Whilst most stakeholders agree with World B stage 1 start some suggest current arrangements are closer to World D stage 1
Transition pathways	Timescales suggested are too long; action needs to be taken now for earlier delivery of benefits and to give DER providers more assurance on the way forward.
Transition pathways	Pushback on Baringa assumption that World A is optimum for high DER penetration with some citing World B as credible alternative
Transition pathways	Potential for regional differences in timescales