# DS3 Advisory Council Risk Workshop

## Report from Risk Workshop 22nd September 2015

## Contents

1. Introduction & Aims ..... 3
2. Heatmap ..... 4
3. Risk Movement ..... 5
4. Interpreting the Results ..... 7
5. Risk Movement ..... 8
6. Next Steps ..... 8

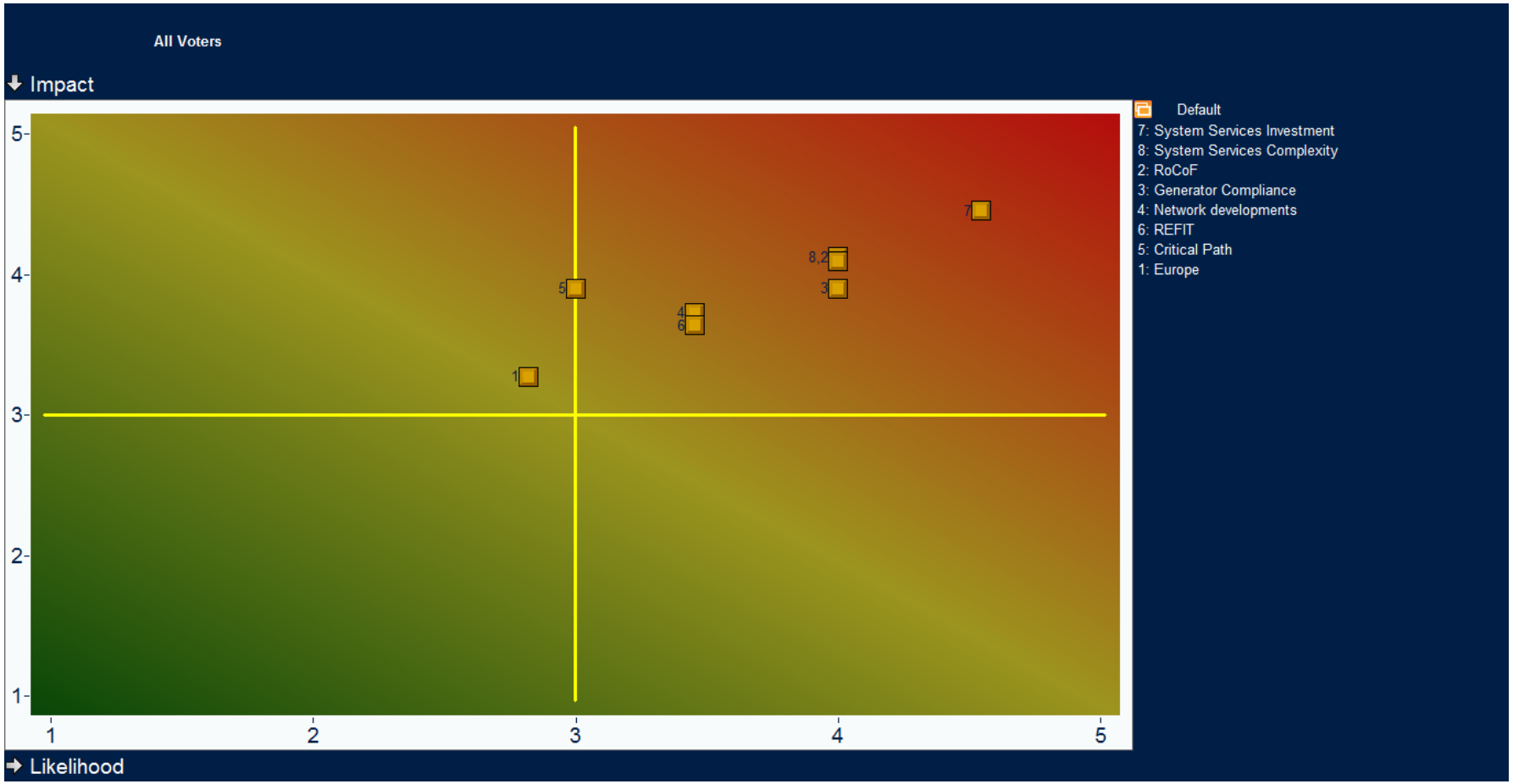
## 1. Introduction & Aims

A workshop was held on 22nd September 2015 to capture the risks that may impact on the ability of the DS3 Programme to deliver its objectives, namely developing solutions to the challenges of operating the electricity system in a secure manner while facilitating 2020 renewable electricity targets. The workshop was attended by:

- Rodney Ballentine;
- Kevin Chan;
- Michael Conlon;
- Joe Duddy;
- Paddy Finn;
- Vandad Hamidi;
- Carsten Junge;
- Grainne O'Shea;
- Donal Smith;
- Mark McGranaghan;
- Patrick Mohr;
- Peter Thomas;
- Robert O'Rourke, (did not vote);
- Ruth Buggie; (did not vote);
- Bernie Comey; (did not vote);
- Andrew McCorriston (did not vote);
- Louis Fisher; (did not vote); and
- Robbie Aherne (did not vote).

The risks were reviewed and assessed before the workshop and any significant divergences in scoring were discussed.

## 2. Heatmap


All Voters
Impact
Likelihood
5
4
3
2
1
1
2
3
4
5
7
8,2
3
5
4
6
1
Default
7: System Services Investment
8: System Services Complexity
2: RoCoF
3: Generator Compliance
4: Network developments
6: REFIT
5: Critical Path
1: Europe

## 3. Risk Movement

The following table shows the ranking of the risks assessed in the workshop and their movement since last assessed:

| No. | Risk Name | Description | Previous Overall Score | Risk Movement | Overall Score |
|---|---|---|---|---|---|
| 7 | **System Services Investment** | Risk that there will be insufficient time to facilitate System Service investment. | 19.35 | 0.9 | **20.25** |
| 8 | **System Services Complexity** | Risk that System Services is too complex for participants to choose to participate. | New Risk | | **16.4** |
| 2 | **RoCoF** | There is a risk that a large number of generators are incapable of moving their RoCoF settings to 1 Hz/s over 500ms. | 15.96 | 0.44 | **16.4** |
| 3 | **Generator Compliance** | There is a risk that a large number of older generators' equipment is non-compliant with Ireland/Northern Ireland Grid Codes. | 12.21 | 3.39 | **15.6** |
| 4 | **Network developments** | There is a risk that delays to network development will affect impact on DS3 Delivery. | 11.9 | 1.05 | **12.95** |
| 6 | **REFIT** | There is a risk that the lack of clarity on the future of REFIT contracts will impact on DS3 delivery. | 8.64 | 3.96 | **12.6** |

| No. | Risk Name | Description | Previous Overall Score | Risk Movement | Overall Score |
|---|---|---|---|---|---|
| 5 | **Critical Path** | There is a risk that the critical path for DS3 is not clearly outlined. | 13.68 | -1.98 | **11.7** |
| 1 | **Europe** | There is a risk that the implementation of Network Codes and other EU interventions could impact on DS3 delivery | 11.22 | -1.98 | **9.24** |

## 4. Interpreting the Results

There were 8 risks assessed by the Workshop participants with 4 of the risks ranking as high to very high impact and over 75% likely to occur:

- **7 – System Service Investment;** *the risk that there will be insufficient time to facilitate System Service Investment;*
- ***8 – System Services Complexity****: Risk that System Services is too complex for participants to choose to participate*
- **2 – RoCoF;** *the risk that a large number of generators are incapable of moving their RoCoF settings to 1 Hz/s over 500ms; and*
- **3 –** ***Generator Compliance****: risk that older generators equipment is non-complaint with Grid Codes*

A further 3 risks scored high impact and over 50% likely to occur:

- **4 – Network Development;** *Risk of that delays to the network development will affect impact on DS3 delivery*.
- **6 – REFIT;** *Risk that a lack of clarity on the future of REFIT contracts will impact on DS3 delivery.*
- **5 – Critical Path*****:** *Risk that the critical path for DS3 is not clearly outlined.*

## 5. Risk Movement

Since they were last assessed in September 2014, the following risks have increased in their overall score:

- **3 – Generator Compliance; and**
- **6 – REFIT.**

The bigger decreases were:

- **5 – Critical path; and**
- **1- Europe.**

## 6. Next Steps

In terms of next steps:

- Review the risk ranking for reasonableness (**by next Advisory Council Meeting**); and
- Ongoing review of progress of actions/controls (**Advisory Council**).