

POWER OF CHOICE – SYSTEMS WORKING GROUP (POC-SWG) MEETING PACK

October 2016

PRESENTED BY AEMO



AGENDA SLIDE

Morning Session

1. Introductions
2. Background
3. Program Structure
 - a) Work streams
 - b) Program overview
 - c) Risk, Issues & processes
4. SWG membership
5. Context, Boundaries & Outcomes
6. Forward Meeting plan

Afternoon Session

1. Review of high priority questions
2. FTP e-Hub walkthroughs
3. Other Business
4. Next steps

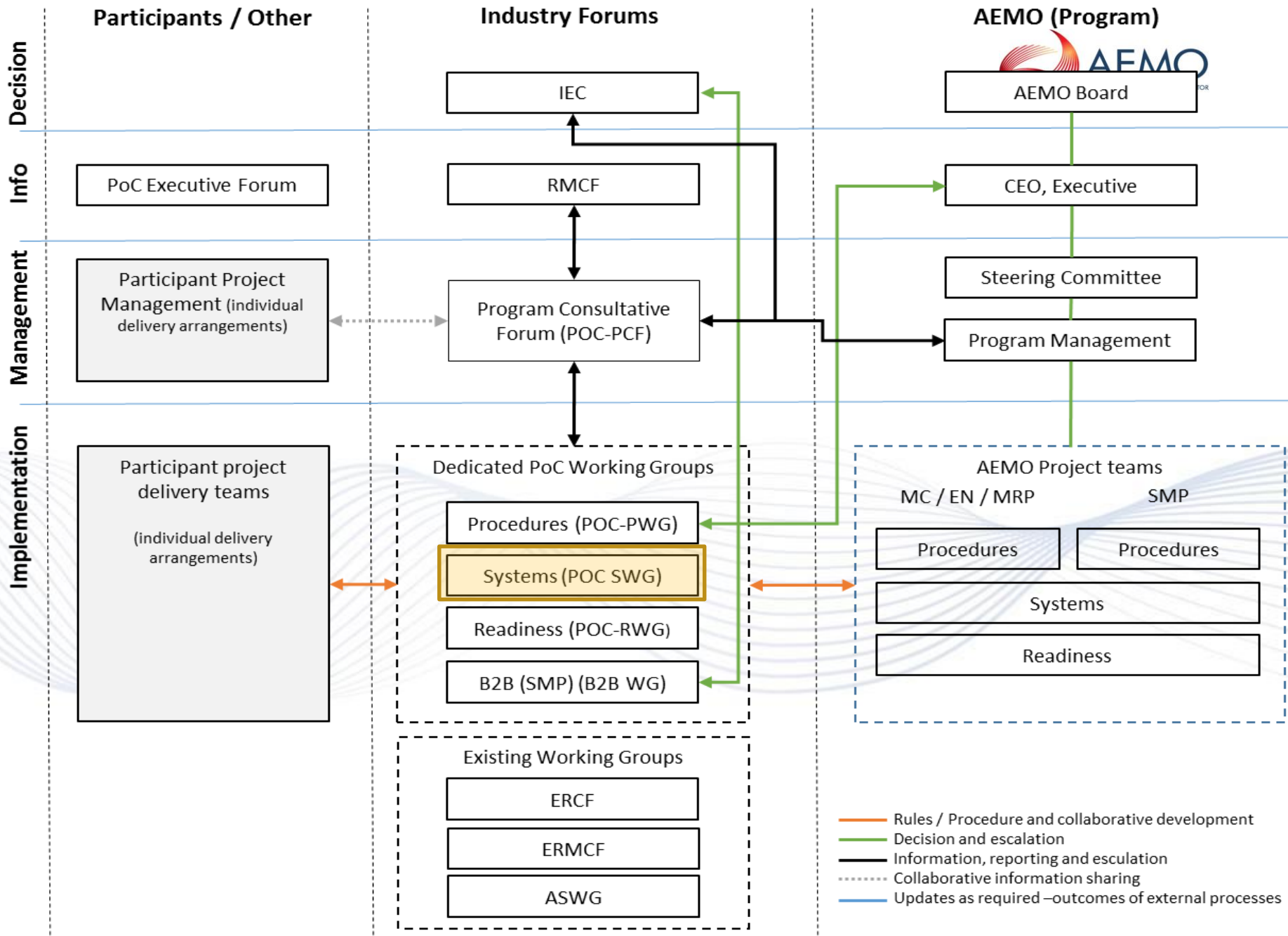
AEMO Team

- Wayne Lee (Chair)
- James Kevil (Internal IT Stream Lead)
- Matt Stuchbury (Business Analysis B2B SME)
- Michael Ryan (PoC Project Manager)
- Ben Healy (PoC Program Manager)
- Satheesh Kumar (Lead Architect)

- On 26 November 2015, the AEMC made its final rule determination for Competition in Metering and Related Services.
- On 17 December 2015, the AEMC made its final rule determination for Embedded Networks
- On 17 March 2016, the AEMC made its final rule determination for Meter Replacement Processes
- The new arrangements, which will commence on 1 December 2017, have required changes to the National Electricity Rules (NER) and the National Electricity Retail Rules (NERR)
- The changes to the NER require that AEMO and the IEC amend existing procedures and that AEMO create new procedures
- AEMO will be required to change its systems to facilitate Procedure amendments

- Currently in an ‘implementation phase’
 - Expectation that all participants are currently undertaking implementation programs
- Rule consultations have concluded
- Procedure consultations are in progress (separate WG’s)
- Prescribed timeframes
 - ‘Go live’ date: Rules effective date is a law.

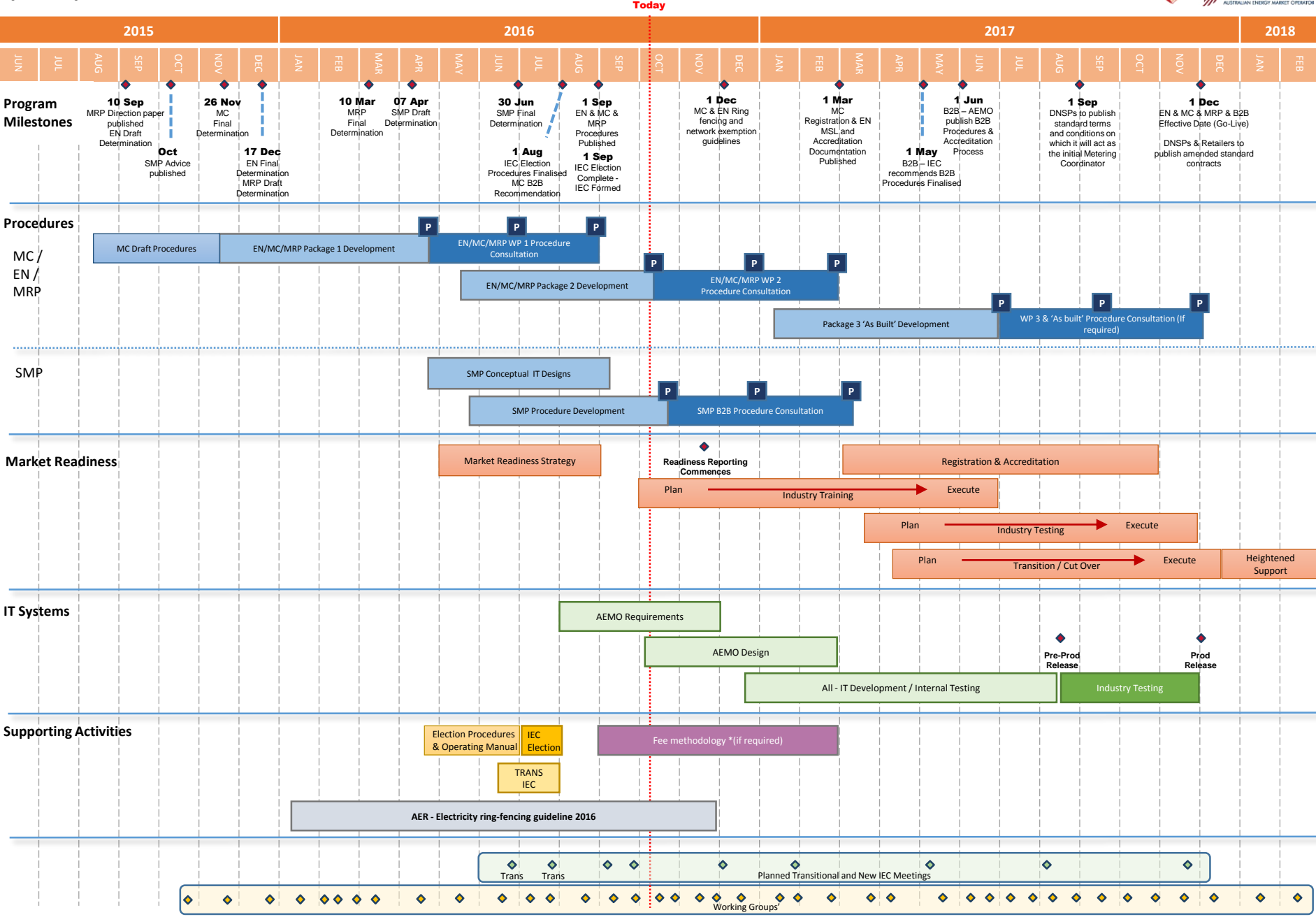
PROGRAM STRUCTURE: WORK STREAMS



- Each work stream has a dedicated working group
- Work streams and working groups have been formed with respect to both deliverables and critical skill requirements.
- Currently planning on utilising the ASWG as amendments to schemas are required
- Decisions in relation to the POC deliverables developed in these work streams are with either the IEC or AEMO

Power of Choice (PoC) Program Overview

High Level Program V4.4 – 10 October 16



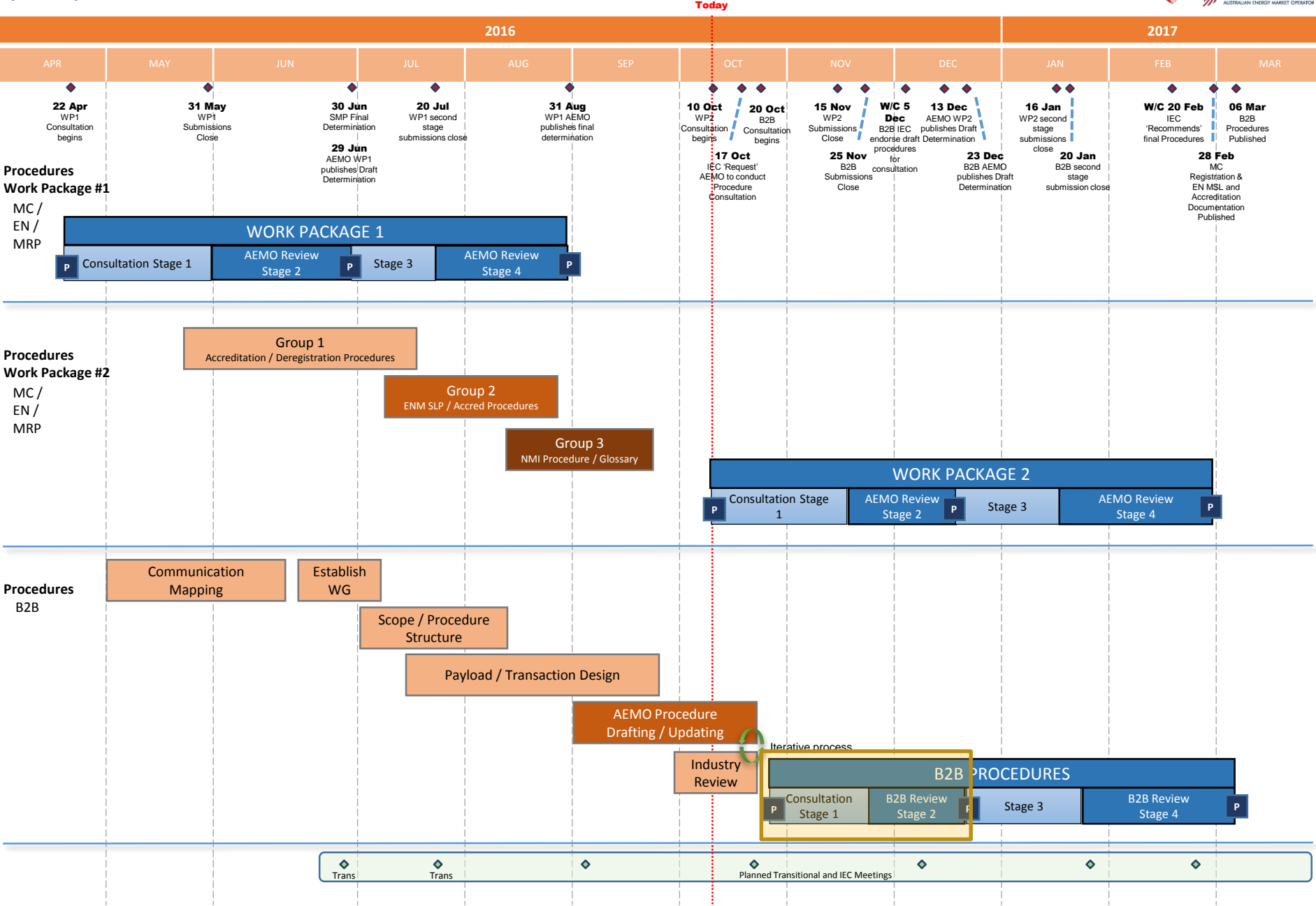
For Information: poc@aemo.com.au

EN = Embedded Network, MRP = Meter Replacement Processes MC = Metering Competition, SMP = Shared Market Protocols

P Publish
 Milestone
 Working group meeting
 Proposed IEC Meetings (Trans & New)
 For detailed meeting schedule and agendas, see the [2016 industry meeting schedule](#).

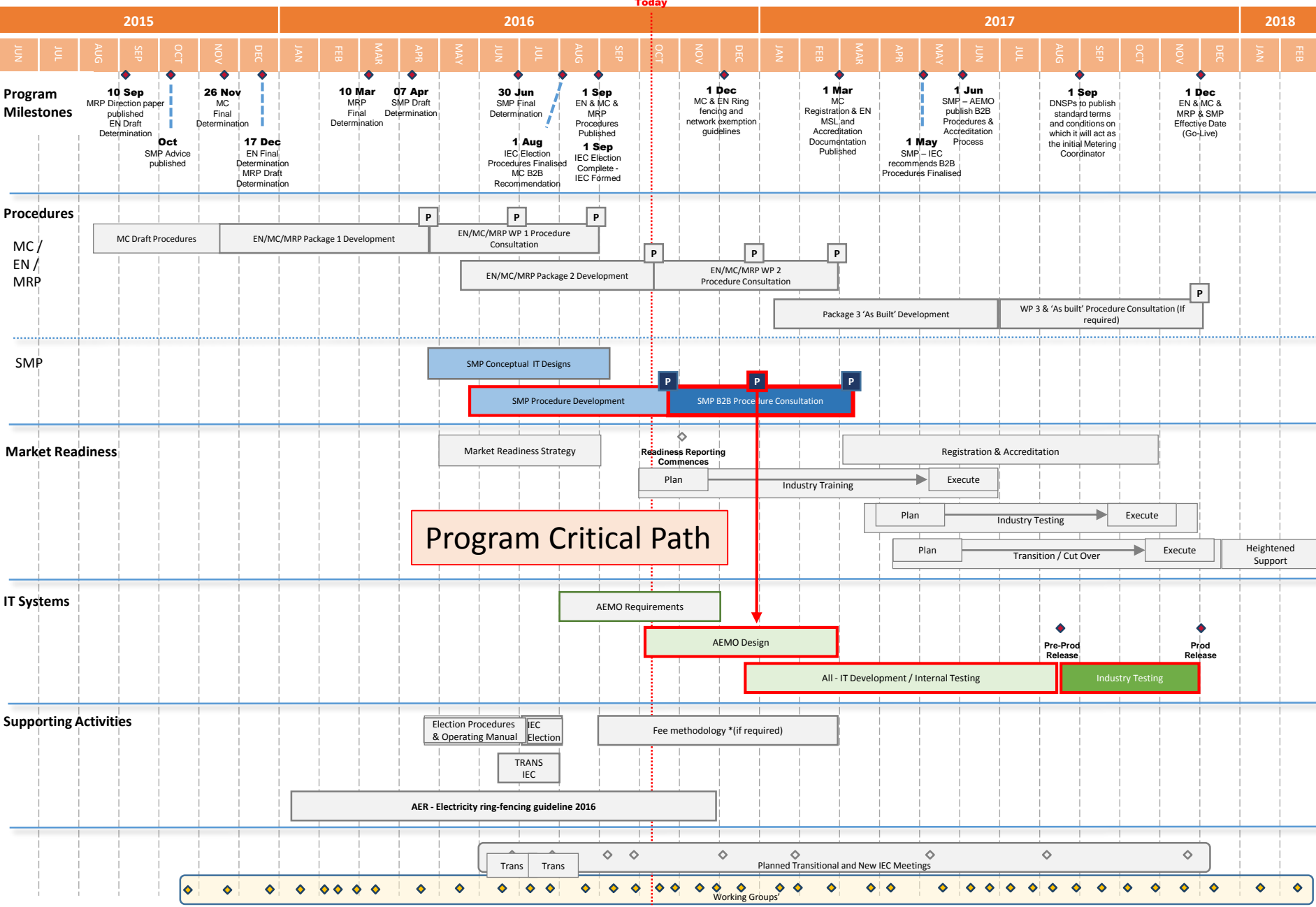
Power of Choice (PoC) Program Overview – Procedure Workstreams (6 month outlook)

High Level Program V4.4 – 10 October 16



Power of Choice (PoC) Program Overview

High Level Program V4.3 – 02 September16



Critical Path:

- B2B Procedure development
- B2B Procedure consultation
- AEMO / participant system development
- AEMO / participant system testing
- Effective date



Current focus of
the POC-SWG

- Dates that the POC-SWG must adhere to:
 - Rules consultation process has defined dates that activities must occur within
 - ‘Draft determination’ must be made no later than 04 January 2017 – IEC and B2B-WG currently targeting **23 December 2016**
 - B2B-WG must have sufficient time to review TDS and ‘recommend’ this to the IEC – likely to be early December 2016
 - Therefore; POC-SWG and Technical Delivery Specification must be prepared by late November 2016

- Risk & Issues – management plan
 - Raised by participants / working groups / PCF / AEMO
 - Reviewed, collated and published by AEMO
 - Reviewed and monitored by PCF
- Raising discussion points / PCF agenda items
 - Paper > one week prior to PCF
 - AEMO circulate with meeting pack, make agenda item
 - Paper should:
 - Purpose
 - Background: brief overview
 - Body: issues/problem/discussion points, identify affected parties
 - Provide recommendation(s)
 - Keep it succinct and to a few pages

Process:

- AEMO to present papers/slides that may including:
 - Technical options for discussion
 - Strawman solutions / options
 - Workflow, transactional or other diagrams and process flows
- AEMO will collect any feedback provided during SWG meetings, or via email correspondence
- AEMO will make updates to TDS
- AEMO will provide regular updates to the B2B-WG directly to that WG

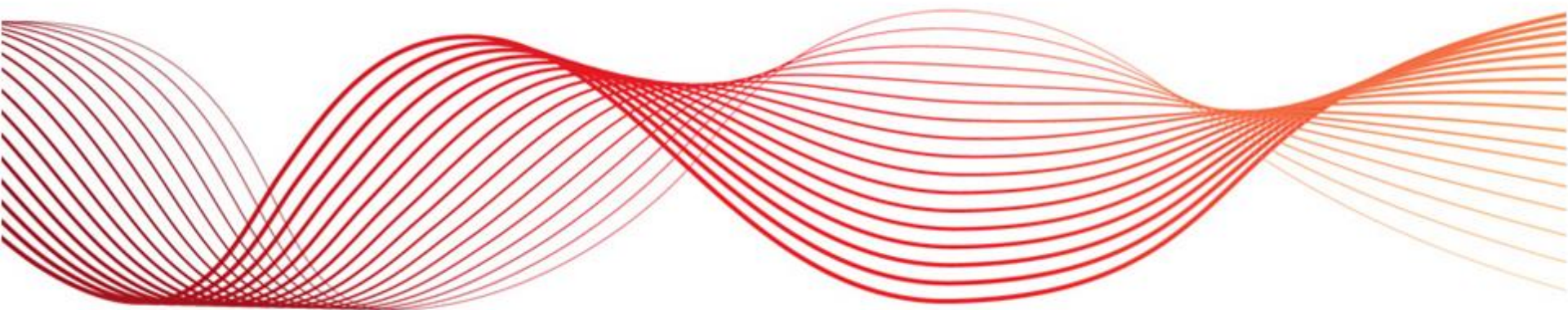
SWG MEMBERSHIP: KEY POINTS



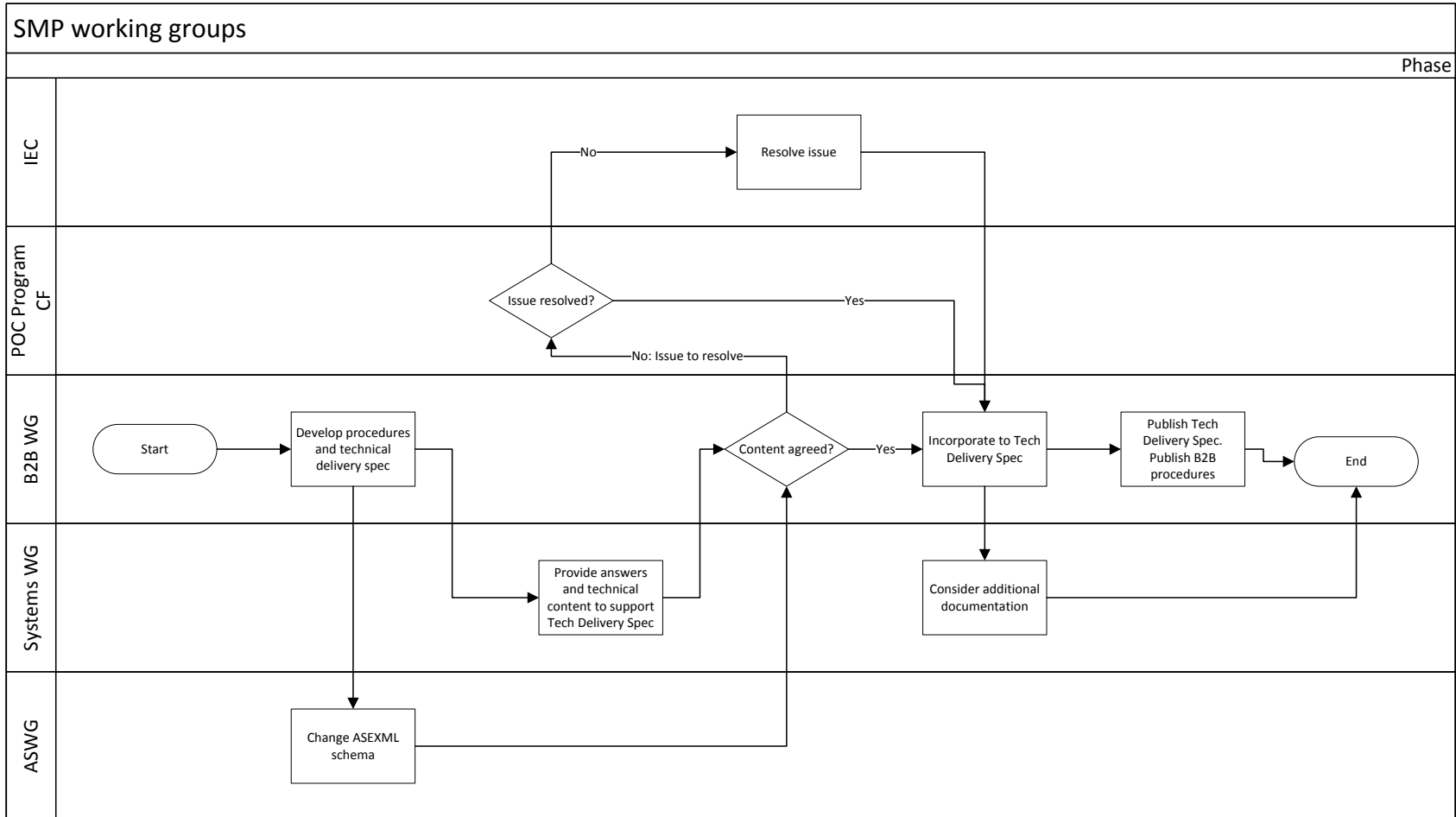
POC-SWG key points:

- Large groups require that:
 - Members are familiar with content of rule changes
 - Members are familiar with content of completed Procedure Consultations and in-flight B2B Procedures
 - Members raise 'other business' prior to SWG meetings for discussion
 - Members are familiar with the 'typical' industry processes
 - Members have in-depth knowledge of their systems, business processes a
 - Members are 'briefed-in' by their organisational departments
- Intentionally separated from the working groups
- Meeting Frequency
 - Monthly
 - As required around milestones
- It is envisaged that members of the B2B-WG may attend the POC-SWG regularly during the TDS development.

5. SCOPE, APPROACH AND BOUNDARIES



TECHNICAL DELIVERY SPEC



Context - Until December 2016

- B2B-WG owns and creates Tech Delivery Spec (TDS), Procedures and B2B Guide.
- SWG provides direction and content to TDS for B2B.
- IEC 'Recommends' TDS for consultation and the AEMO will facilitate the consultation with the B2B-WG
- AEMO will publish the Procedures and supporting material.
- Program Consultative Forum (POC-PCF) serves as an escalation group if blocker, risk or issue appears.
- ASWG will develop and publish new aseXML version to support Tech Delivery Spec, B2B and AEMO Procedures (Early 23rd December.)
- **23rd Dec 2016** - first draft Tech dev spec published.

Boundary conditions

- AEMO defines the e-Hub platforms minimum requirements (as per rules, and to support the B2B procedures which “*may include minimum performance standards for the B2B e-Hub*”.)
- Enabling Web services and FTP (other protocols may be considered.)
- POC-SWG Only considering technical implementation of E-Hub.
- Day 1: **everyone on new schema.**
- Going forward AEMO will continue to offer N-1 transformation on subsequent schemas.
- AEMO will prioritise activities and detail milestones to meet B2B group deliverables.

SWG outcomes:

- i. Direction for some schema changes
- ii. Provide content for TDS (B2B doc). *Anything related to transactional messaging between participants and e-Hub; to SUPPORT business processes.*
- iii. Consider tech solutions that could help facilitate the market. For example Web GUI or user interface items. This will feeds into additional documents, eg user guides).

B2B PROCEDURES DELIVERABLES AND MILESTONES



- Four key Procedures updates:
 - Service Order Process
 - Customer Site Details Notification
 - Meter Data Process
 - One Way Notification
- Other documents
 - **Technical Design Specification**
 - Business Rules Guide
 - Glossary update for B2B terminology
 - ROLR Procedure Part B
- Consultation process (subject to IEC approval)
 - Procedure Consultation on Initial Draft procedures set to start on October 27
 - Draft procedures published on 23 December
 - Final procedures published on 6 March 2017

6 March 2017 Final B2B Procedures are set to be published

The B2B procedure stream will also assist in System testing and Market Readiness stream activities

POC-SWG FORWARD PLAN



FORWARD MEETING PLAN



SWG Meeting	Date	Topic	Proposed topic / discussion points
1	24-Oct-16	PoC Overview & FTP E-hub Walkthrough	<ul style="list-style-type: none"> • FTP Acknowledgement Patterns
2	04-Nov-16	Ack Patterns & Notified parties	<ul style="list-style-type: none"> • FTP Acknowledgement Patterns cont.. • Notified Parties
3	18-Nov-16	New E-hub Functionality	<ul style="list-style-type: none"> • New delivery protocols • New E-hub acknowledgement patterns • New E-hub interoperability • New E-hub Validations
4	06-Dec-16	New E-hub Functionality cont.	<ul style="list-style-type: none"> • New delivery protocols • New E-hub acknowledgement patterns • New E-hub interoperability • New E-hub Validations
5	18-Dec-16	Schema Impacts	<ul style="list-style-type: none"> • How the schema will support notified parties • Review B2B & B2M schema changes for EN,MC & B2B

- Ad-hoc meetings can be arranged

APPENDIX



QUESTIONS & CONTACTS



Program:

- Antara Mascarenhas
- Ben Healy
- Mike Ryan

Email: poc@aemo.com.au

Procedures:

- Tim Sheridan

B2B Procedures:

- Chris Cormack

Readiness:

- Slavko Jovanoski
- Kerry Galloway

Systems:

- James Kevil
- Wayne Lee
- Matt Stuchbury

7.17.1 B2B e-Hub

- a) AEMO must provide and operate a B2B e-Hub.
- b) The B2B e-Hub must:
 - 1) have the capability to facilitate the B2B Communications in accordance with the B2B Procedures;
 - 2) have the capability to Parties; and
 - 3) meet support a free-form method of communication between B2B any minimum standards of performance specified in the B2B Procedures.
- c) ...