



Network Code on Interoperability and Data Exchange Rules

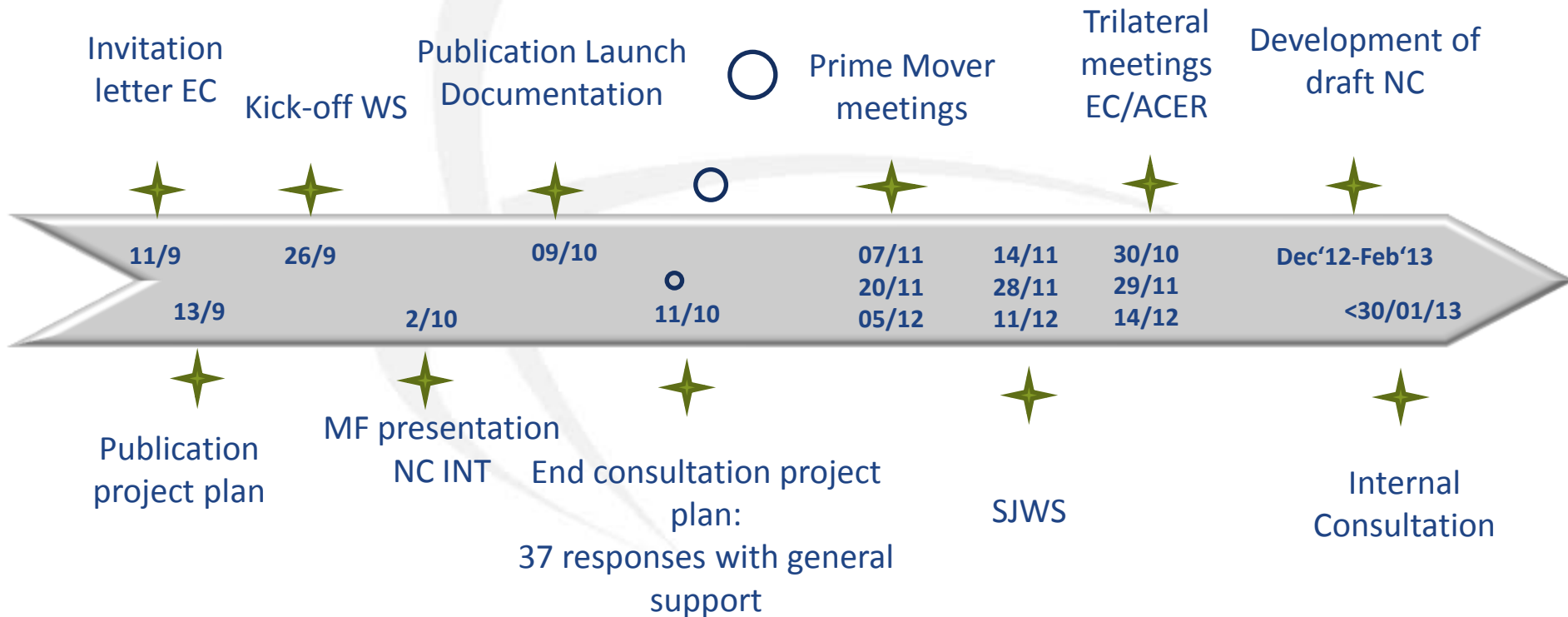
Gas Advisory Council - 2nd meeting of WS3

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NC development process: actual state + next steps

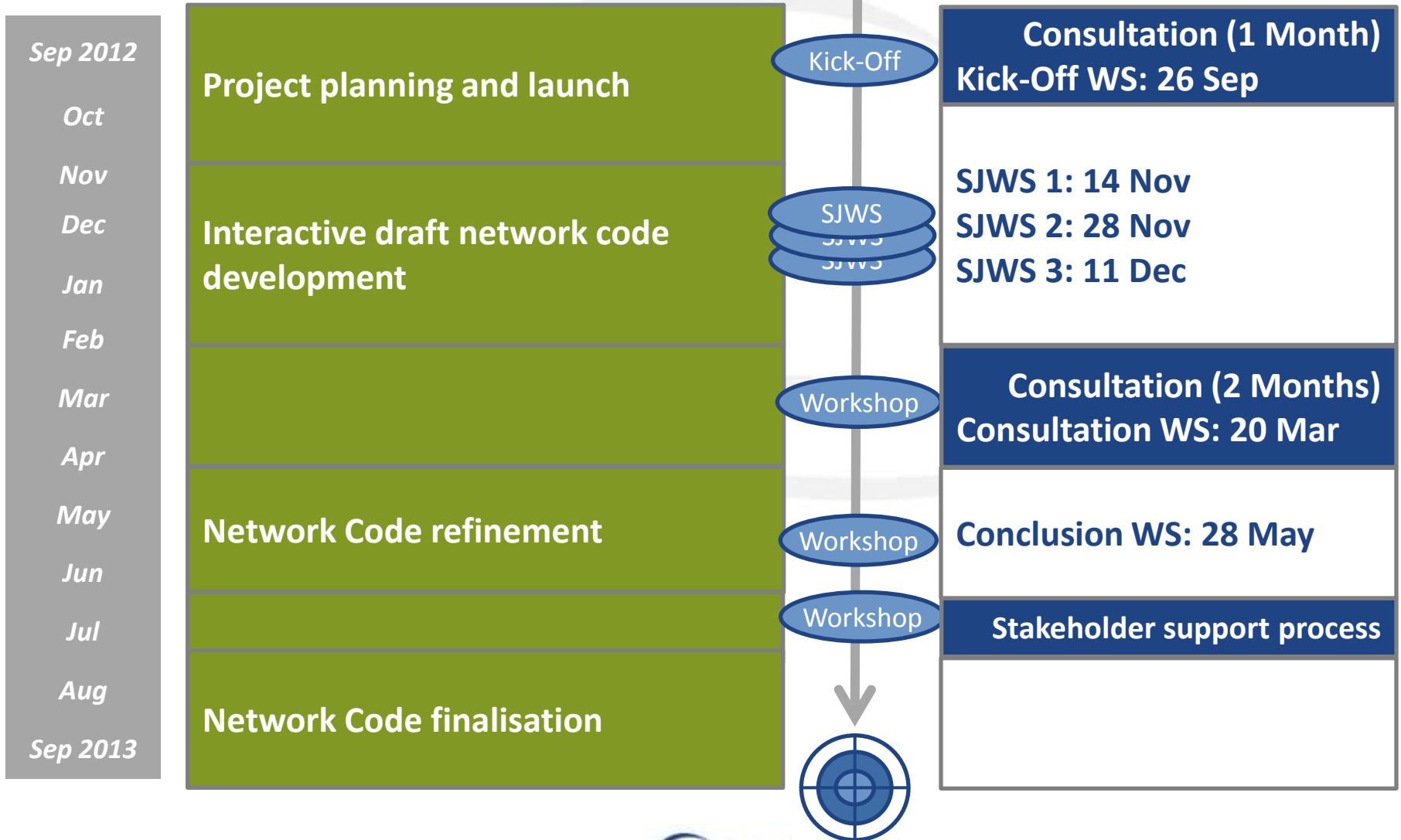
Stakeholder involvement
 Prime Mover: 5 (OGP, EFET, GIE, CEDEC)
 Active SJWS participant: 19
 Consultation Respondent: 8 + Observers: 5)



NC development process: actual state + next steps

ENTSOG Member work

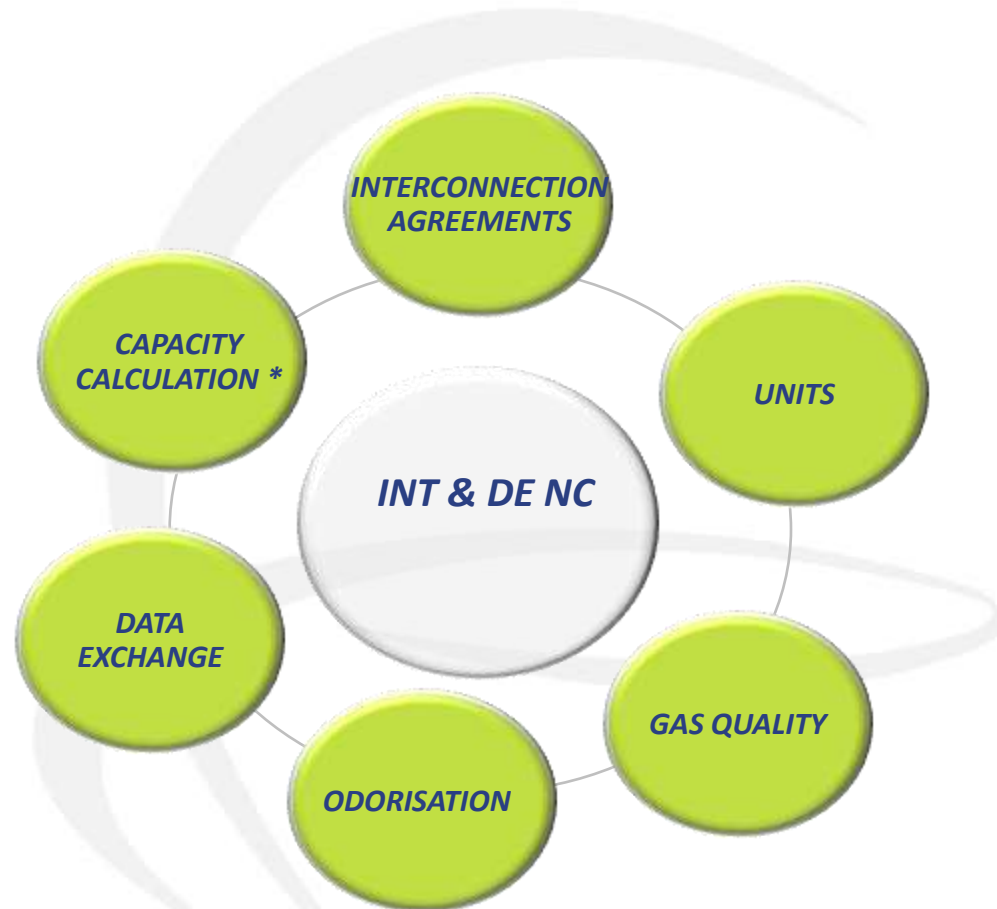
Stakeholder engagement



NC development process: actual state + next steps

- > All expected deliverables on time
- > Significant input ENTSOG Members at KG and WG level
- > Important Stakeholder involvement
 - > Kick-off WS: 67 participants (all gas market segments)
 - > Public Consultation Project Plan: 37 responses
 - > SJWS1: 79 participants
 - > SJWS2: 62 participants
 - > SJWS3: 56 participants
- > Very active contribution Prime Movers
- > Constructive and transparent cooperation process with EC and ACER
- > Constructive bilateral meetings on specific issues

NC INT: Content issues



* EC is making use of its right of proposal to put forward a text for comitology in NC CAM.

Rules applicable to TSOs + implementation within 12 months after entry into force

Interconnection Agreements

- > Mandatory for each IP (12 month after entry into force of NC)
- > New or amended IAs to be communicated to NRAs
- > Mandatory terms for following issues:
 - Modification of IAs
 - Rules for flow control: who steers the flow and how
 - Measurement principles for quantity and quality: procedures/methods/corrections
 - Matching for bundled and unbundled products:
 - TSO-TSO data exchange to align flows
 - Lesser rule
 - Rules for allocation of gas quantities: OBA preferred allocation rule
 - Exceptional events
 - TSO-TSO coordination
 - TSO-NU communication
 - Dispute resolution
- > Default rules for each mandatory term in case adjacent TSOs don't reach bilateral agreement
- > Transparent process towards NUs about rules affecting them (3)

Gas Quality

> Gas Quality

- TSO ↔ TSO cooperation to handle gas quality differences
- Provision of gas quality information:
 - Short term monitoring: information exchange gas quality variations
 - Transparency: near real time data publication WI/GCV at IP
 - GQ variations data exchange to eligible users (WI/GCV): selection process at national level
 - Long term monitoring – 10 year outlook

Odourisation

- > Odourisation: TSO ⇔ TSO cooperation if physical flows are hampered because of a difference in odourisation practises.
 - TSOs should reach bilateral agreement – 6 months (submit to NRAs)
 - Assess potential flow of odourised gas into non-odourised network
 - Assess the acceptable level of odorant for the receiving non-odorised network
 - Assess conversion towards non-odourised gas in the odourised transmission network or part of it
 - If TSOs fail to reach agreement, TSOs should propose options to remove barrier by producing (cooperation with relevant Member State Authorities):
 - Cost estimation of different options
 - Report about implementation timing of solutions
 - Detailed plan, how to reach such solution (12 months)

Data Exchange

> Data Exchange

- Harmonization of a common Data Exchange solution („HOW“ to communicate):
network (Internet), exchange protocol (AS/4), format (Edig@s)
- Implementation Schedule (TSOs: 12 months, existing solutions can stay in place if compatible with Business Processes)
- Description of procedure for managing Business Process and Data Content
Fomats for other network codes („WHAT“ to communicate)

Units

> Common set of Units (to be used when TSOs communicate to counterparties or publish data):

- Pressure: bar
- Temp: °C
- Volume: m³(n) (at 0°C and 1.01325 bar(a))
- GCV: kWh/m³(n)
- Energy: kWh (based on GCV)
- Wobbe Index: kWh/m³(n)(based on GCV)
- Combustion reference temperature for GCV, Energy and Wobbe Index 25°C.

Other units can be used **in addition**

Thank You for Your Attention

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