

# Load Frequency Control and Reserves Network Code: Initial feedback from Public Consultation



Joint European Standing Group

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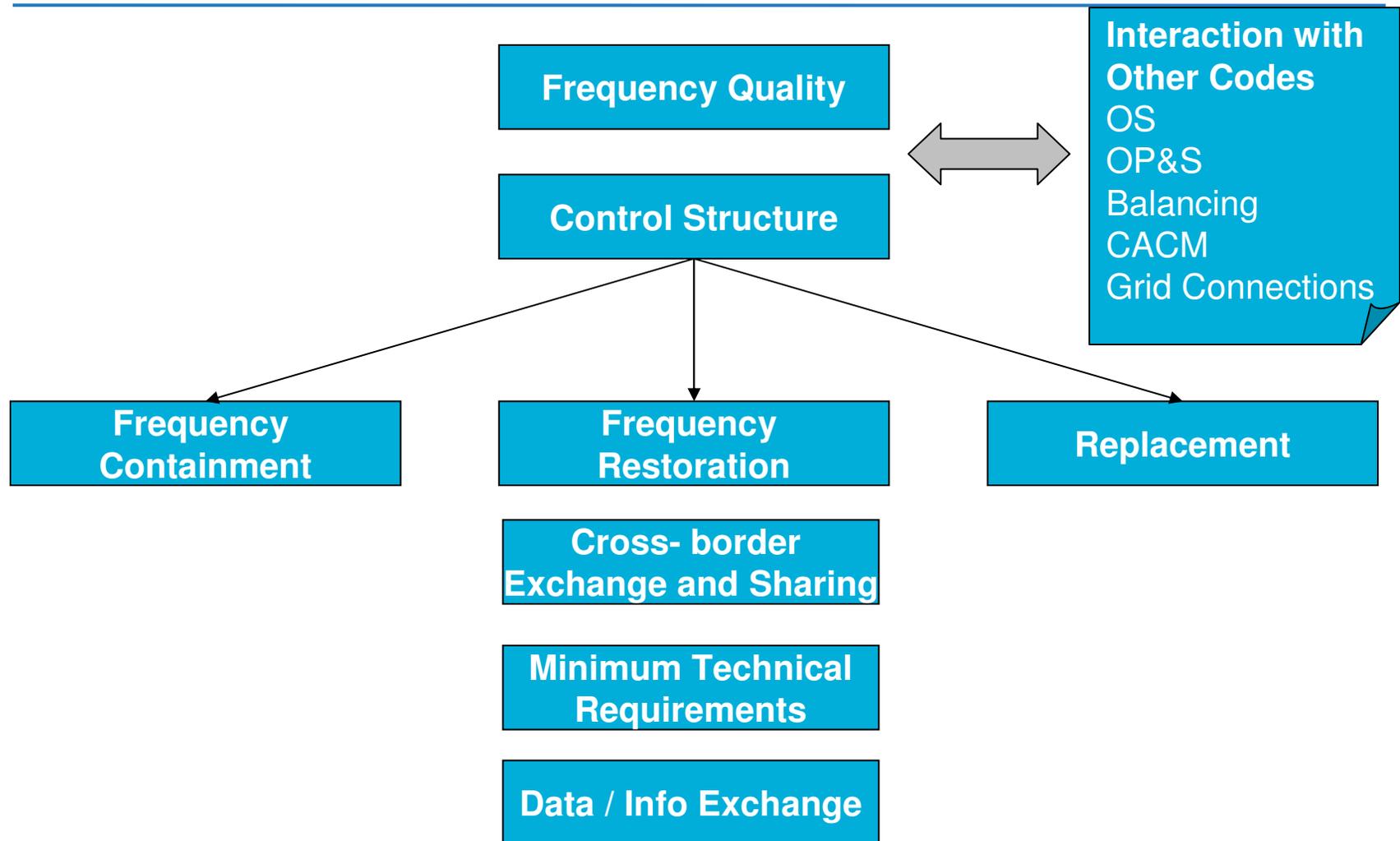
17 April 2013

## What is it

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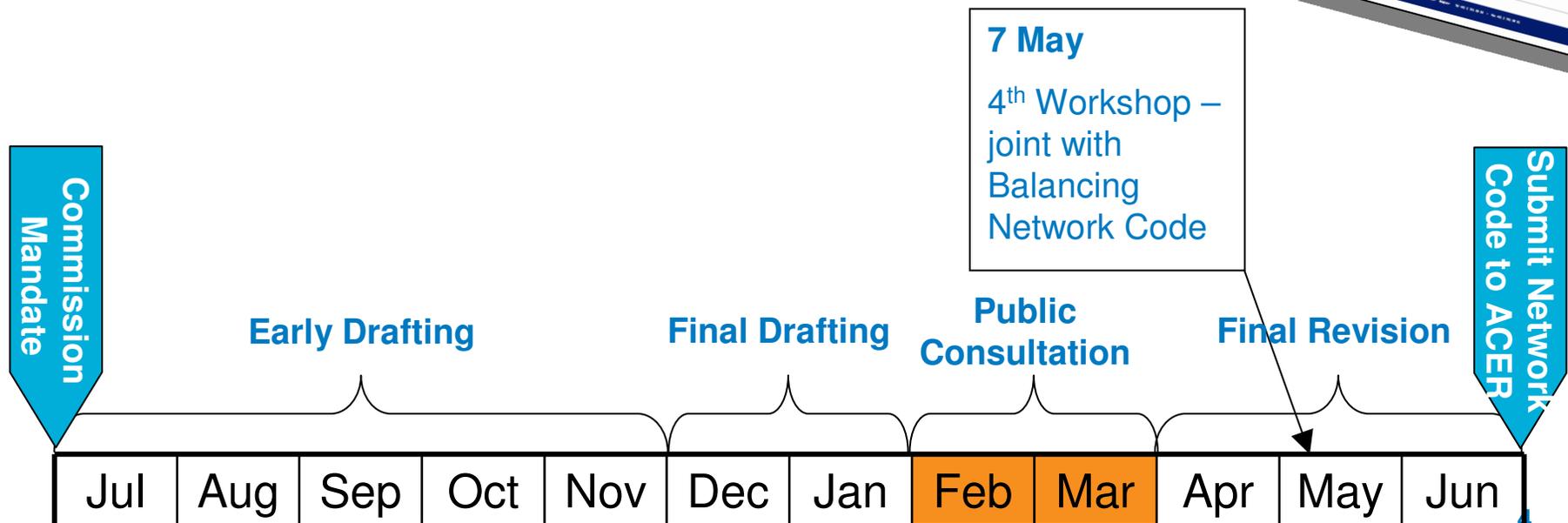
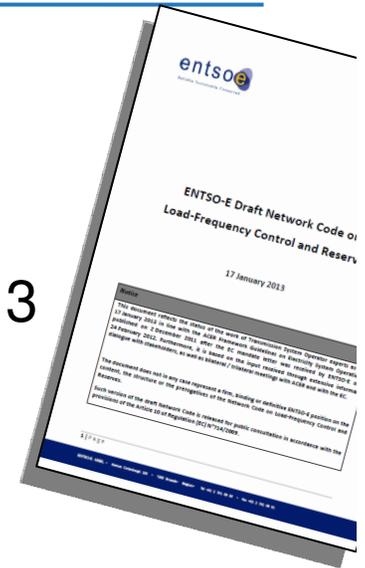
- The third NC to be developed under the '**System Operation**' Framework Guidelines.
- This code will help ensure coherent and coordinated operation of transmission networks to achieve a satisfactory level of frequency quality. It will do this by focusing on frequency quality criteria, frequency control structure, frequency containment reserves, frequency restoration reserves, replacement reserves, exchange of reserves and synchronous time control. These LFCR provisions will also help to ensure efficient utilization of infrastructure and resources
- Very closely related to the Balancing Network Code.

# LFC&R Framework



## Where are we now

- LFCR Network Code started drafting July 2012
- Public Consultation 1 February to 2 April 2013
  - Stakeholder Workshop (Brussels): 12 March 2013
  - JESG Technical Workshop: 19/20 March 2013

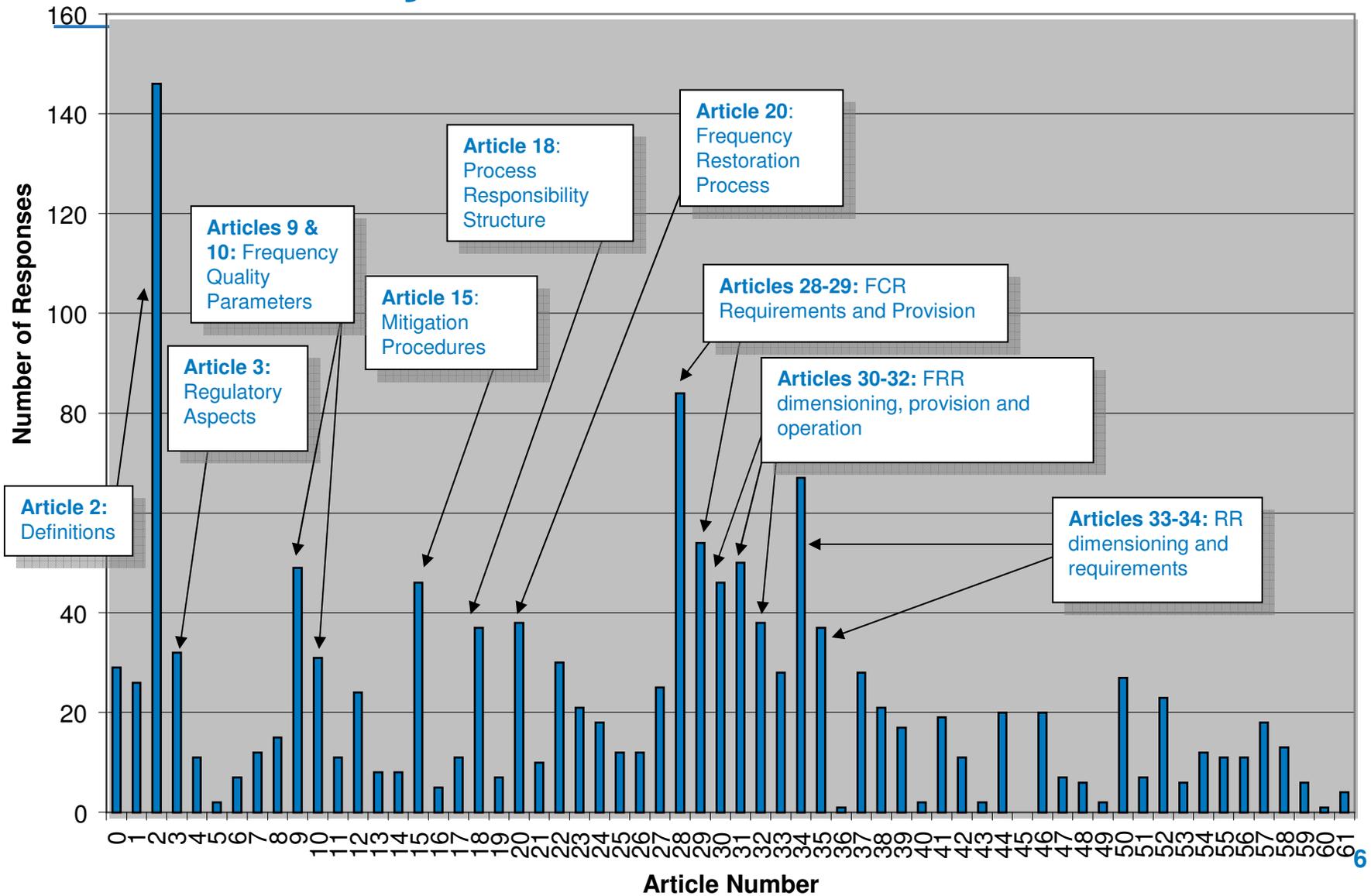


## Consultation Responses

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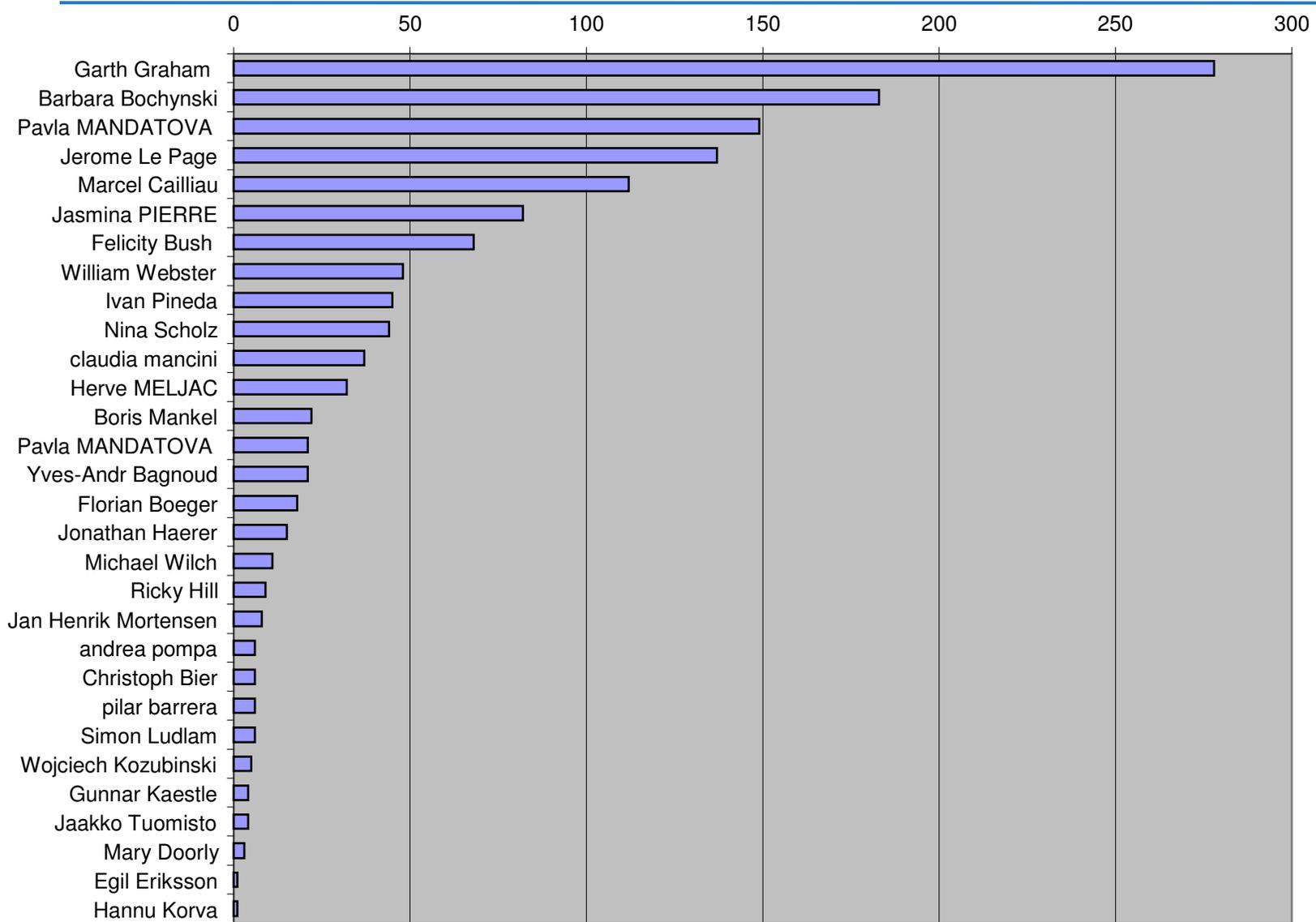
- 1382 Comments in total
- From 29 respondents from across Europe
- Stakeholder identified the comments as:
  - 93% fundamental, 4% editorial, 3% unspecified;
  - 28% general, 23% specific, 49% unspecified.

# Comments by Article Number



# Comments by Respondent

Number of Comments

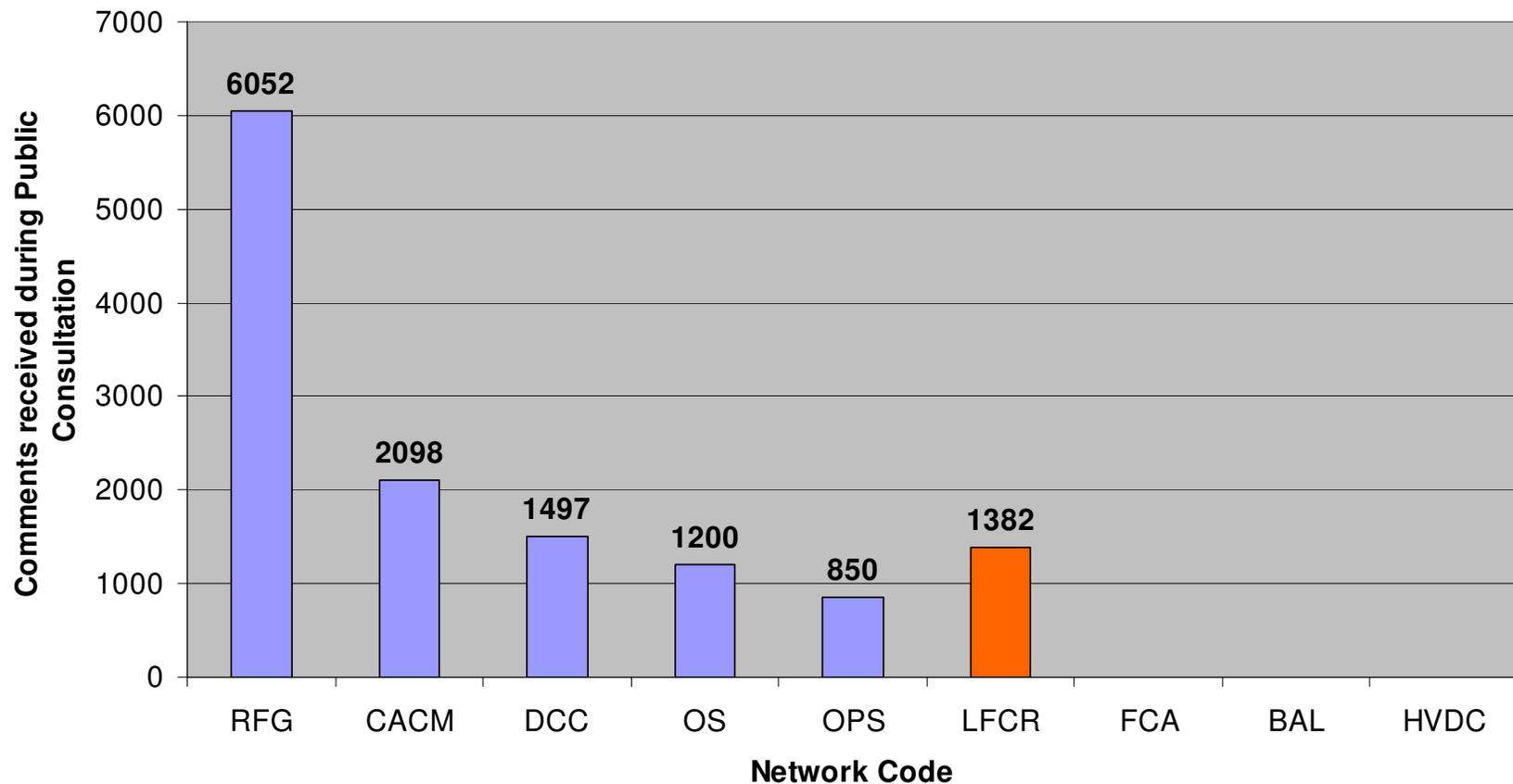


# 1/3 of LFCR comments from GB Stakeholders



**N.B.** GB Stakeholders may also have responded on a European basis (e.g. for parent companies), or may have responded via a trade association

## Compared to other Network Codes



## ENTSO-E's Approach

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- In common with the approach taken with other Network Codes:
  - ENTSO-E will revise aspects of the Network Code, based on Stakeholder comments and ACER's views.
  - Justification for either changing or retaining the Network Code based on the stakeholder comments will be provided in the final *Supporting Document*.
  - High intensity of drafting team meetings at present to discuss comments and decide changes.

## Next Steps for ENTSO-E

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- Several key areas will be redrafted:
  - Frequency Quality
  - Rights of TSOs to restrict Ramping
  - Information Provision
- NG representatives on Drafting Team continue to lobby for changes to Network Code to ensure it is appropriate for the GB Synchronous Area (discussed at JESG Technical Workshop).
- Rights and obligations on TSOs is being considered, as part of the broader ENTSO-E workstream (e.g. impact on GB Interconnectors).

## Next Steps for Stakeholders

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- ENTSO-E continues to **revise** the Network Code based on public consultation and ACER comments
- Joint workshop with Balancing on **7 May 2013** in **Brussels:**
  - Draft of revised Network Code will be published in advance
  - Discussion of the changes made by ENTSO-E and links with Balancing Network Code
- Aiming for drafting team member to present to future **JESG on proposed changes.**

# Development Process

