



European Network of  
Transmission System Operators  
for Electricity

---

# CACM ROLE MODEL ANNEX

---

2020-12-15

---

APPROVED DOCUMENT  
VERSION 1.0

1 Copyright notice:

2 **Copyright © ENTSO-E. All Rights Reserved.**

3 This document and its whole translations may be copied and furnished to others, and derivative  
4 works that comment on or otherwise explain it or assist in its implementation may be prepared,  
5 copied, published and distributed, in whole or in part, without restriction of any kind, provided  
6 that the above copyright notice and this paragraph are included on all such copies and  
7 derivative works. However, this document itself may not be modified in any way, except for  
8 literal and whole translation into languages other than English and under all circumstances, the  
9 copyright notice or references to ENTSO-E may not be removed.

10 This document and the information contained herein is provided on an "as is" basis.

11 **ENTSO-E DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT**  
12 **LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT**  
13 **INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR**  
14 **FITNESS FOR A PARTICULAR PURPOSE.**

15 **This document is maintained by the ENTSO-E CIM EG. Comments or remarks are to be**  
16 **provided at [cim@entsoe.eu](mailto:cim@entsoe.eu)**

17 **NOTE CONCERNING WORDING USED IN THIS DOCUMENT**

18 The force of the following words is modified by the requirement level of the document in which  
19 they are used.

- 20 • SHALL: This word, or the terms "REQUIRED" or "MUST", means that the definition is an  
21 absolute requirement of the specification.
- 22 • SHALL NOT: This phrase, or the phrase "MUST NOT", means that the definition is an  
23 absolute prohibition of the specification.
- 24 • SHOULD: This word, or the adjective "RECOMMENDED", means that there may exist valid  
25 reasons in particular circumstances to ignore a particular item, but the full implications must  
26 be understood and carefully weighed before choosing a different course.
- 27 • SHOULD NOT: This phrase, or the phrase "NOT RECOMMENDED", means that there may  
28 exist valid reasons in particular circumstances when the particular behaviour is acceptable  
29 or even useful, but the full implications should be understood and the case carefully weighed  
30 before implementing any behaviour described with this label.
- 31 • MAY: This word, or the adjective "OPTIONAL", means that an item is truly optional.

32

### Revision History

Version	Release	Date	Paragraph	Comments
0	1	2020-05-04		First draft of the CACM role mode annex.
0	2	2020-09-30		Comments from RMSG members were considered.
1	0	2020-12-15		Approved by MC.

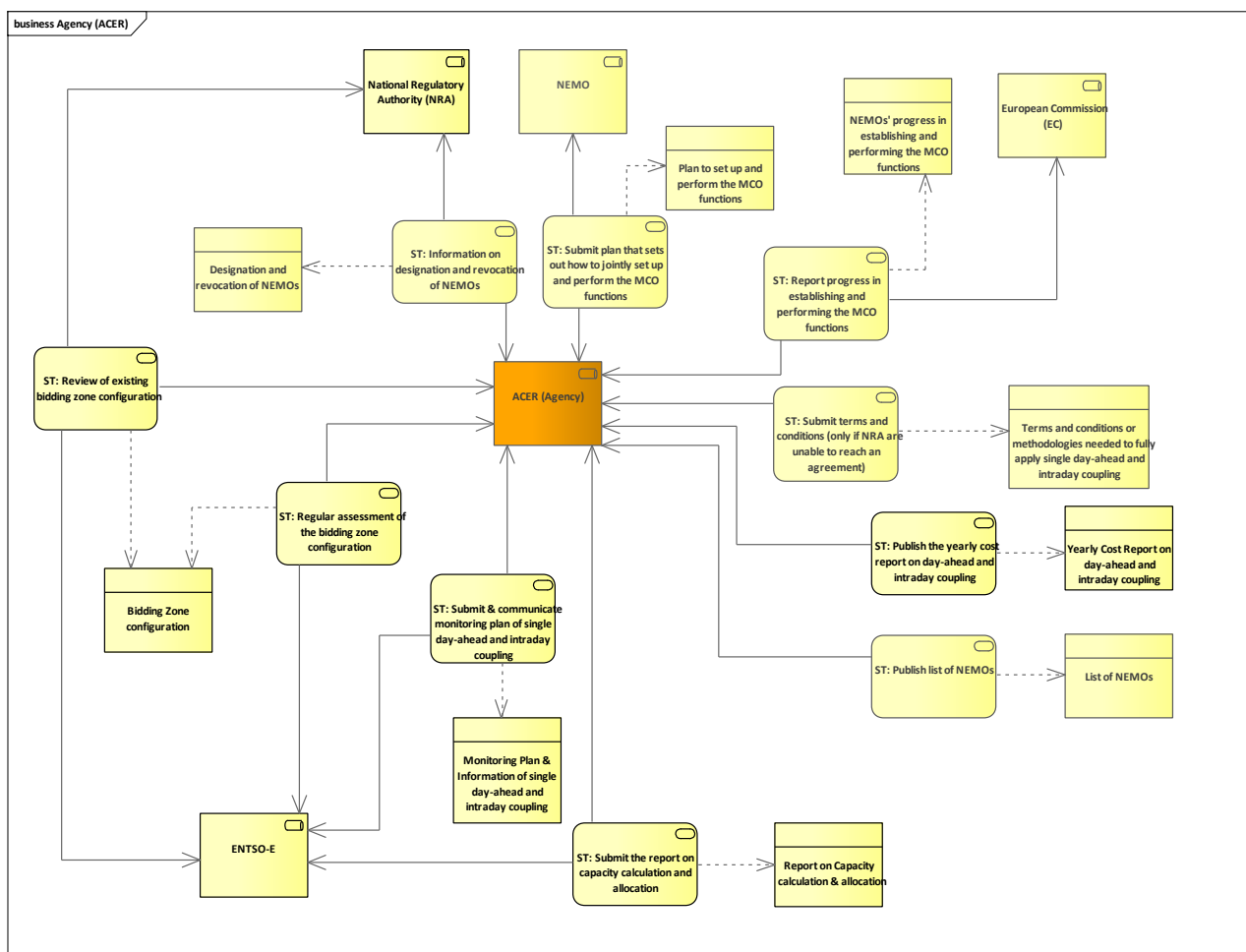
34	<b>CONTENTS</b>		
35	Copyright notice:.....		2
36	Revision History.....		3
37	CONTENTS .....		4
38	1 Scope.....		5
39	2 Individual views .....		5
40	2.1 Agency .....		5
41	2.2 Coordinated Capacity Calculator .....		6
42	2.3 ENTSO-E.....		7
43	2.4 Market Coupling Operator .....		8
44	2.5 Market Participant.....		9
45	2.6 NEMO.....		10
46	2.7 Shipping Agent .....		11
47	2.8 TSO.....		12
48	2.9 National Regulatory Authority .....		13
49			
50	<b>List of figures</b>		
51	Figure 1 - Agency view .....		5
52	Figure 2 - Coordinated Capacity Calculator view .....		6
53	Figure 3 - ENTSO-E view.....		7
54	Figure 4 - Market Coupling Operator view .....		8
55	Figure 5 - Market Participant view .....		9
56	Figure 6 - NEMO view.....		10
57	Figure 7 - Shipping Agent view .....		11
58	Figure 8 - TSO view .....		12
59	Figure 9 – National Regulatory Authority view.....		13
60			
61	<b>List of tables</b>		
62	<b>No table of figures entries found.</b>		

63 **1 Scope**

64 The purpose of this document is to show the individual views of all the Roles involved in the  
65 CACM network code. In order not to overload the CACM role model document with many views,  
66 it was decided to create this Annex and put all the individual views in this document. All the  
67 individual views showed in this document were used to build the merged views displayed in the  
68 CACM role model document. All these individual views can help the reader to have a better  
69 understanding of the whole CACM and know how the process of extracting all the roles from  
70 the network code was carried out.

71 **2 Individual views**

72 **2.1 Agency**

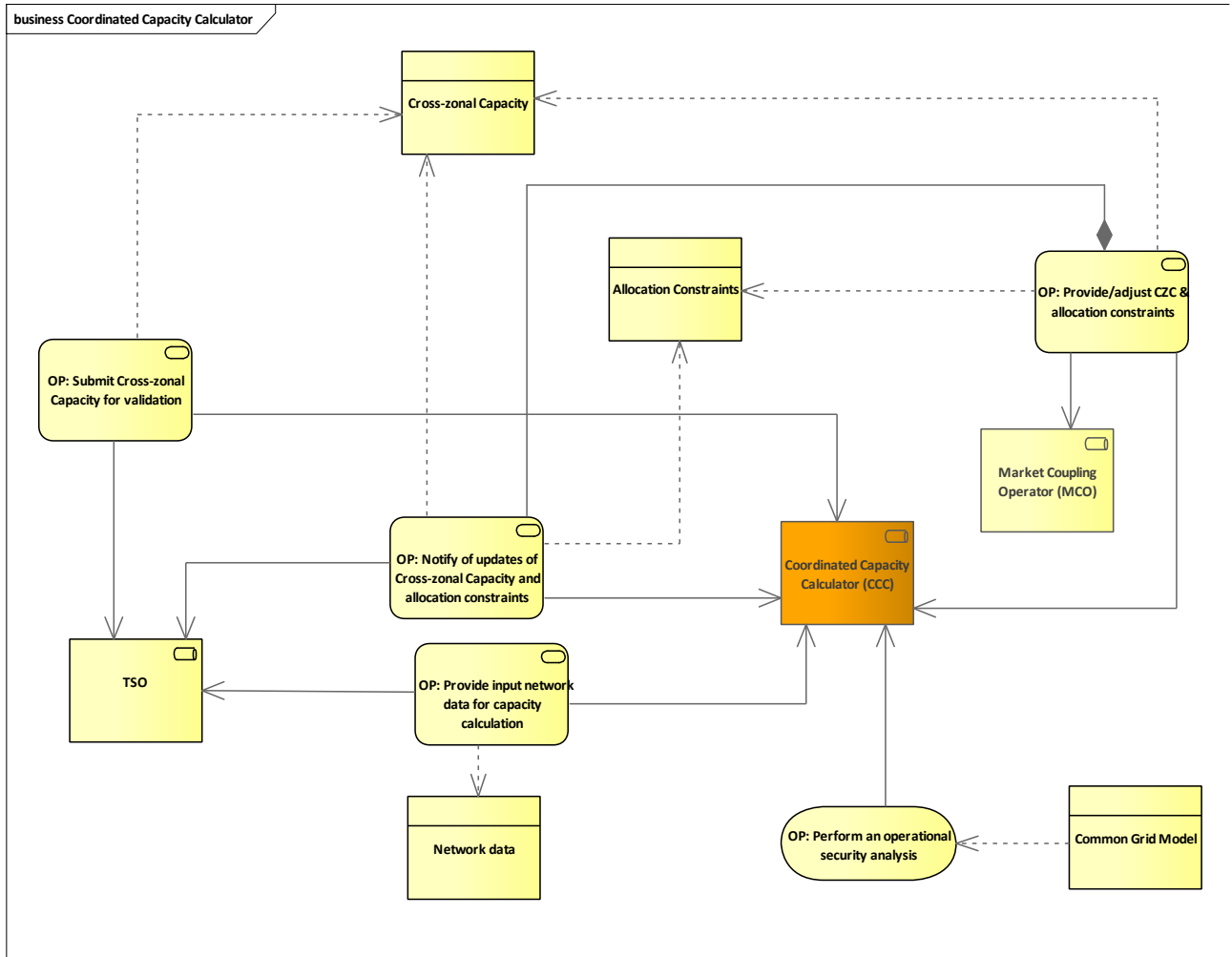


73

74

**Figure 1 - Agency view**

75 2.2 Coordinated Capacity Calculator

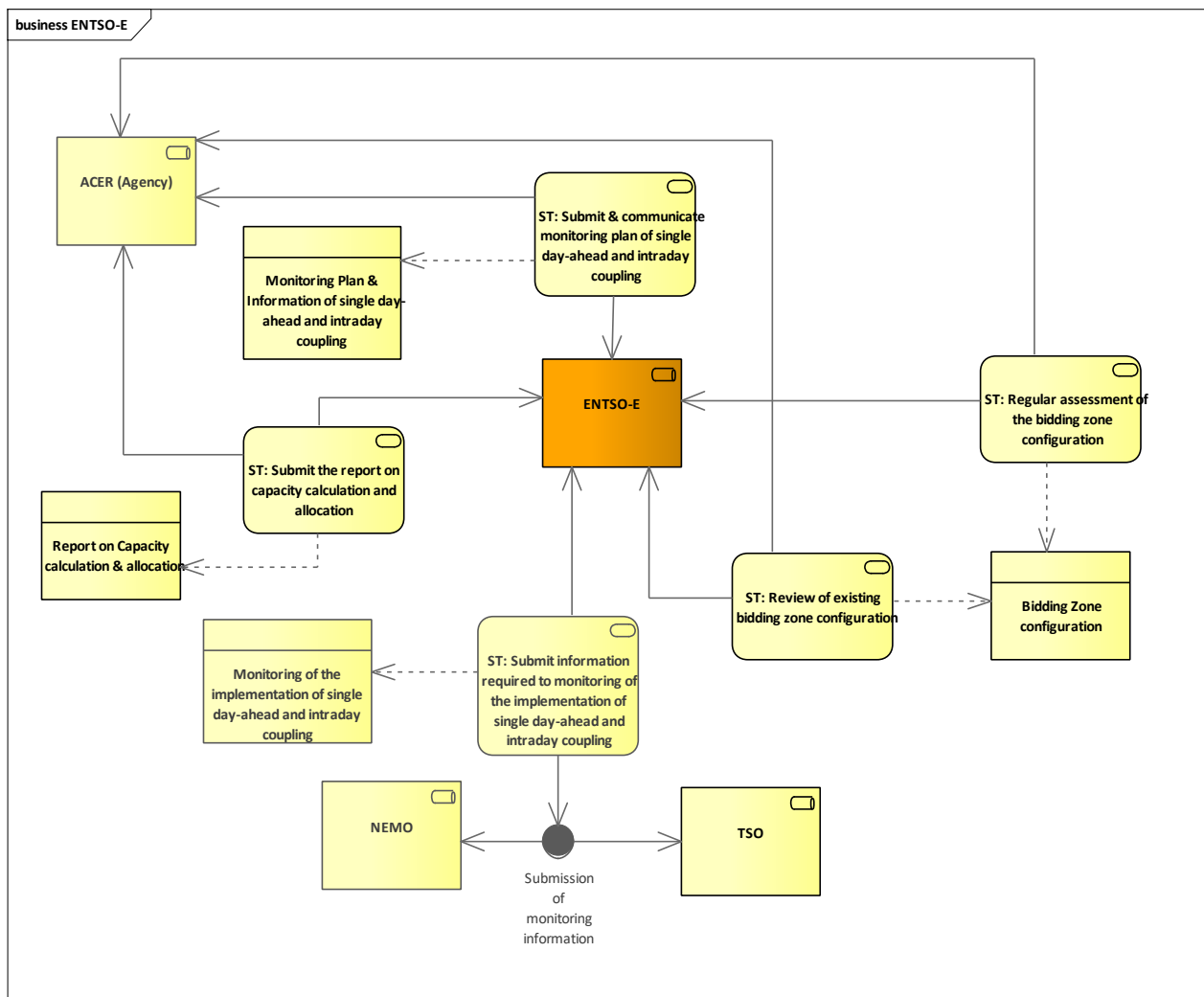


76

77

Figure 2 - Coordinated Capacity Calculator view

78 2.3 ENTSO-E

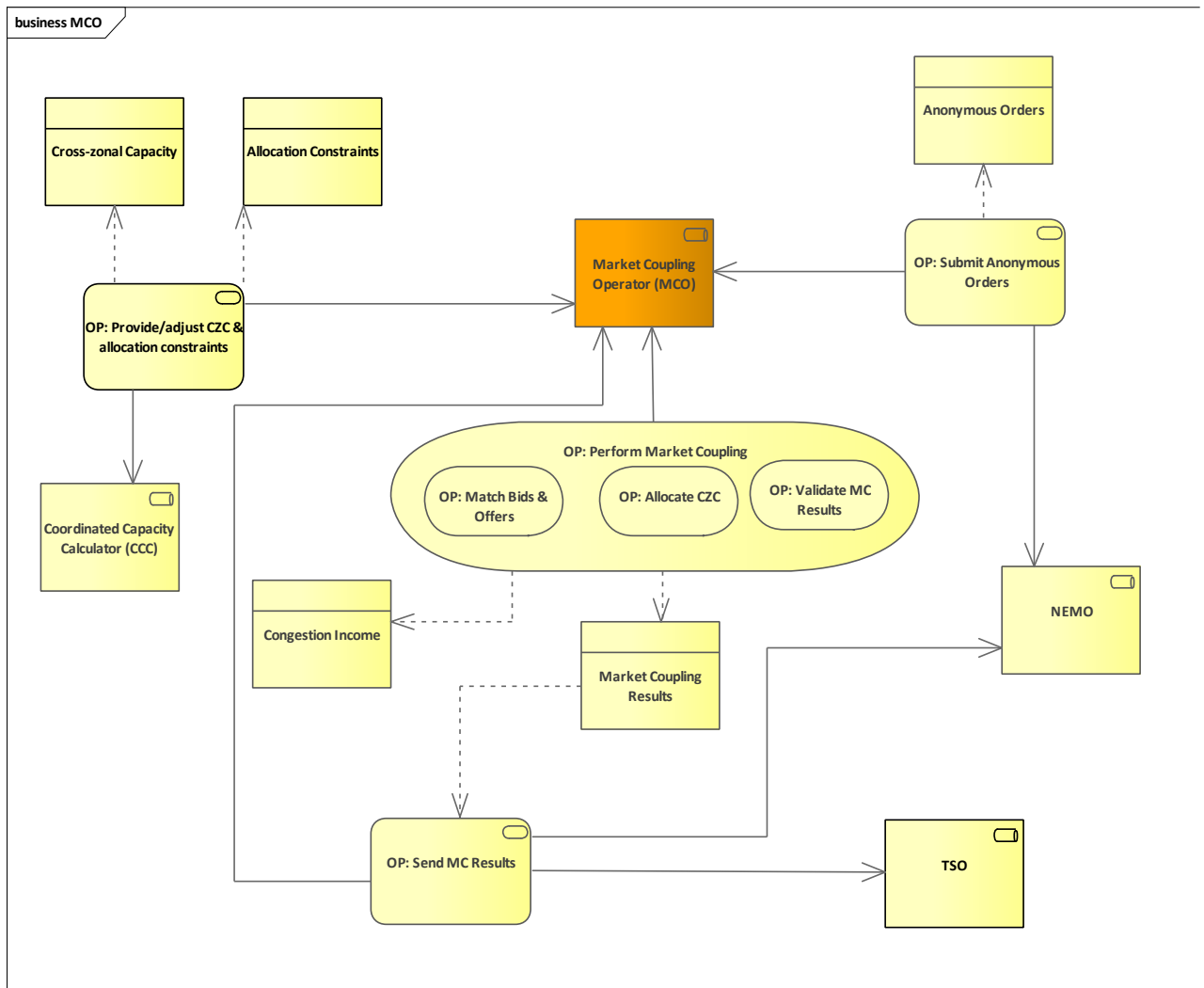


79

80

Figure 3 - ENTSO-E view

81 2.4 Market Coupling Operator



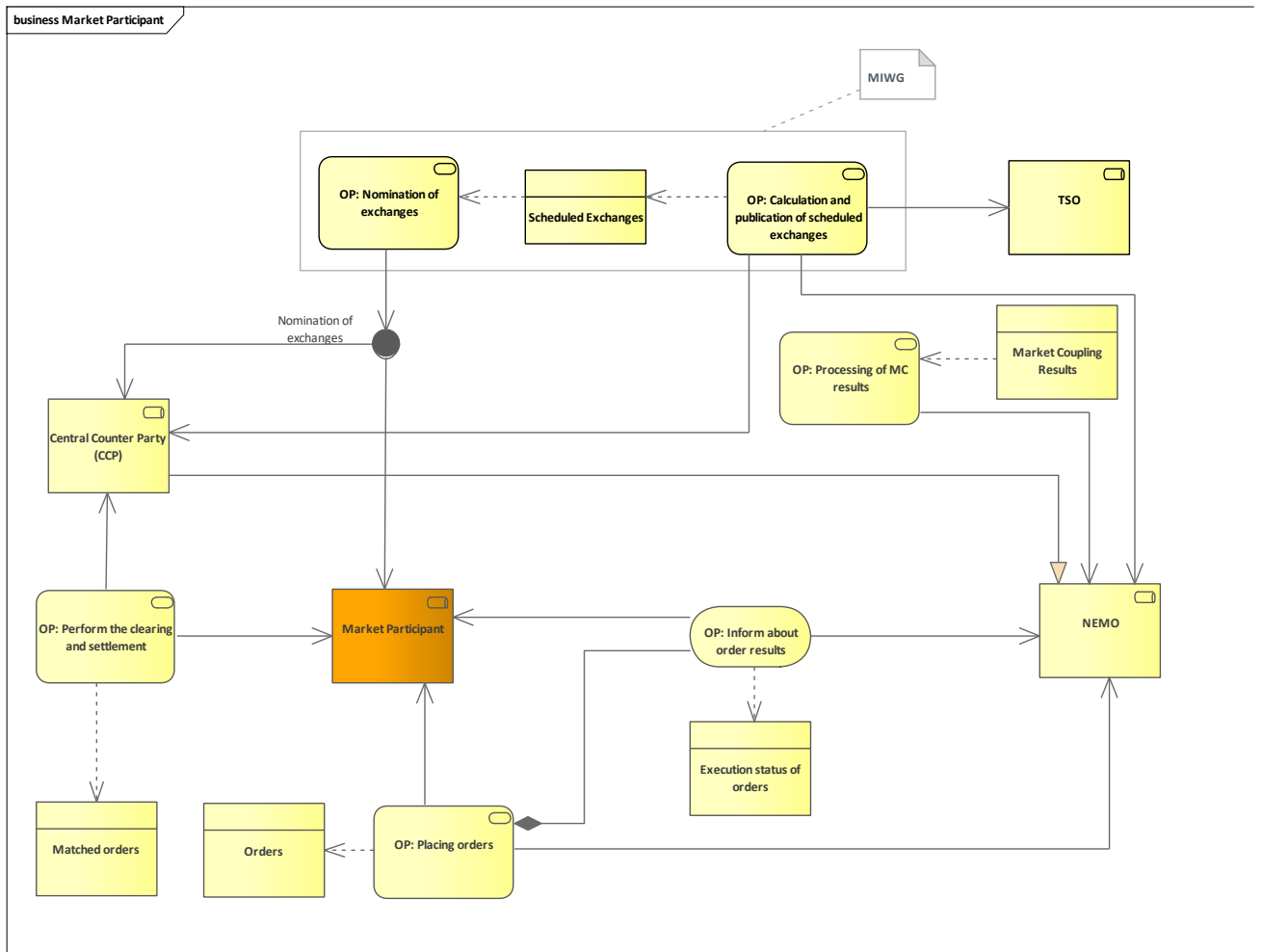
82

83

Figure 4 - Market Coupling Operator view



84 2.5 Market Participant

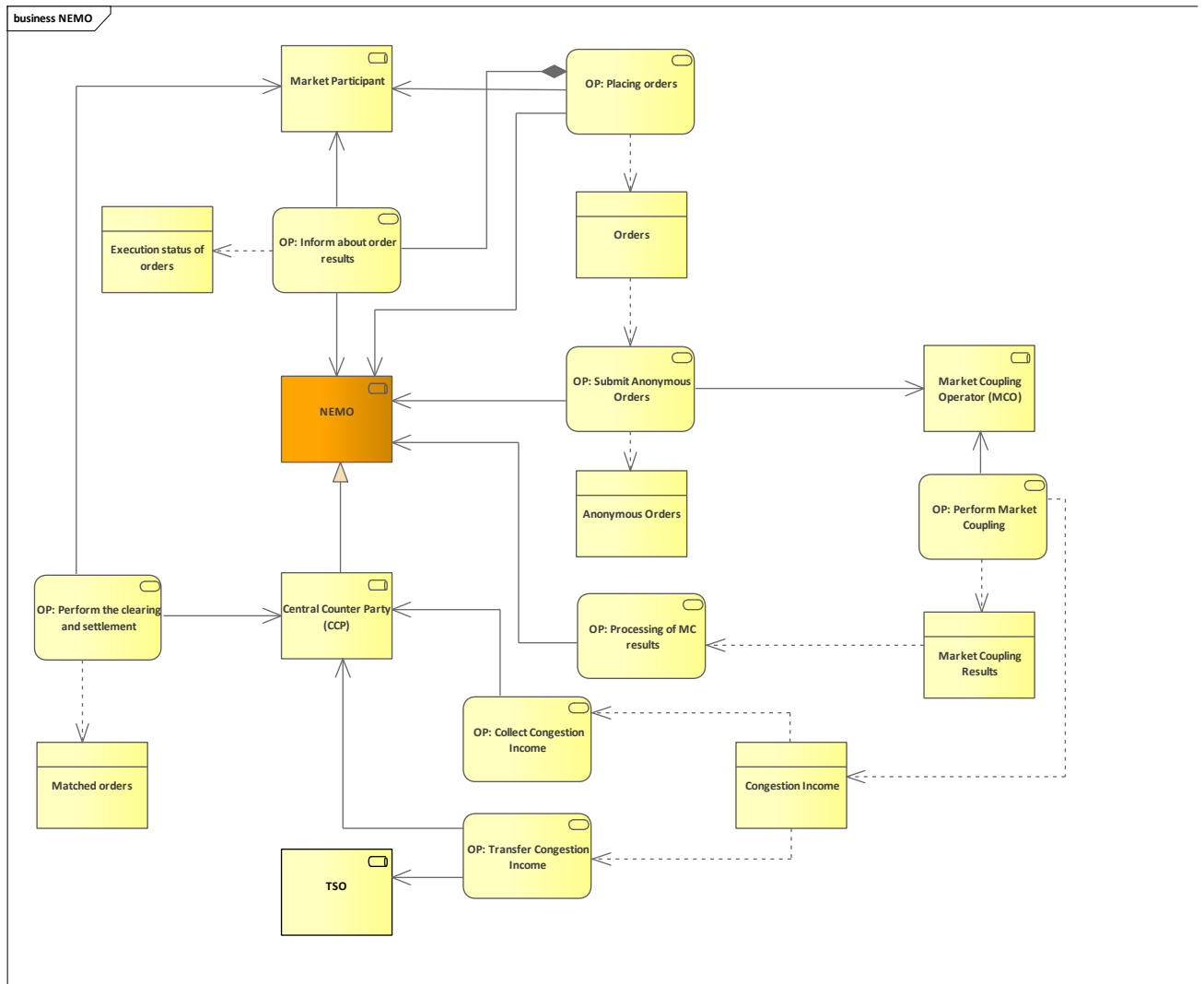


85

86

Figure 5 - Market Participant view

87 2.6 NEMO

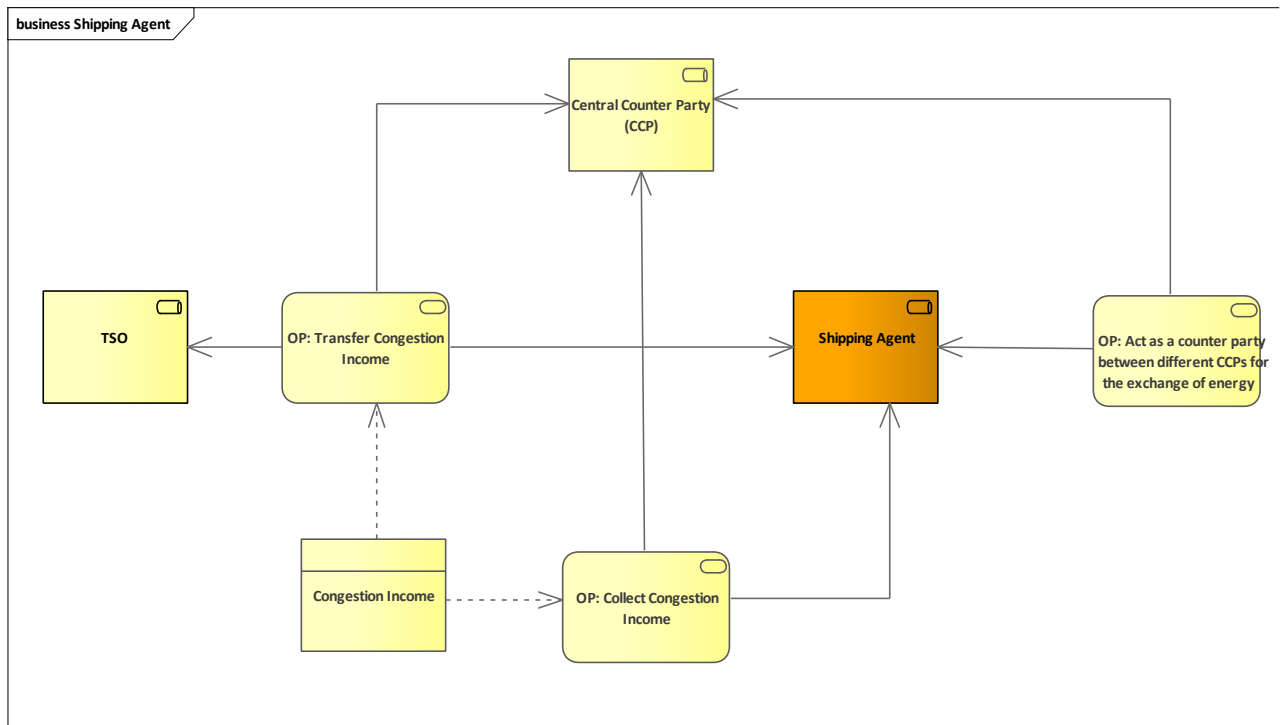


88

89

Figure 6 - NEMO view

90 2.7 Shipping Agent

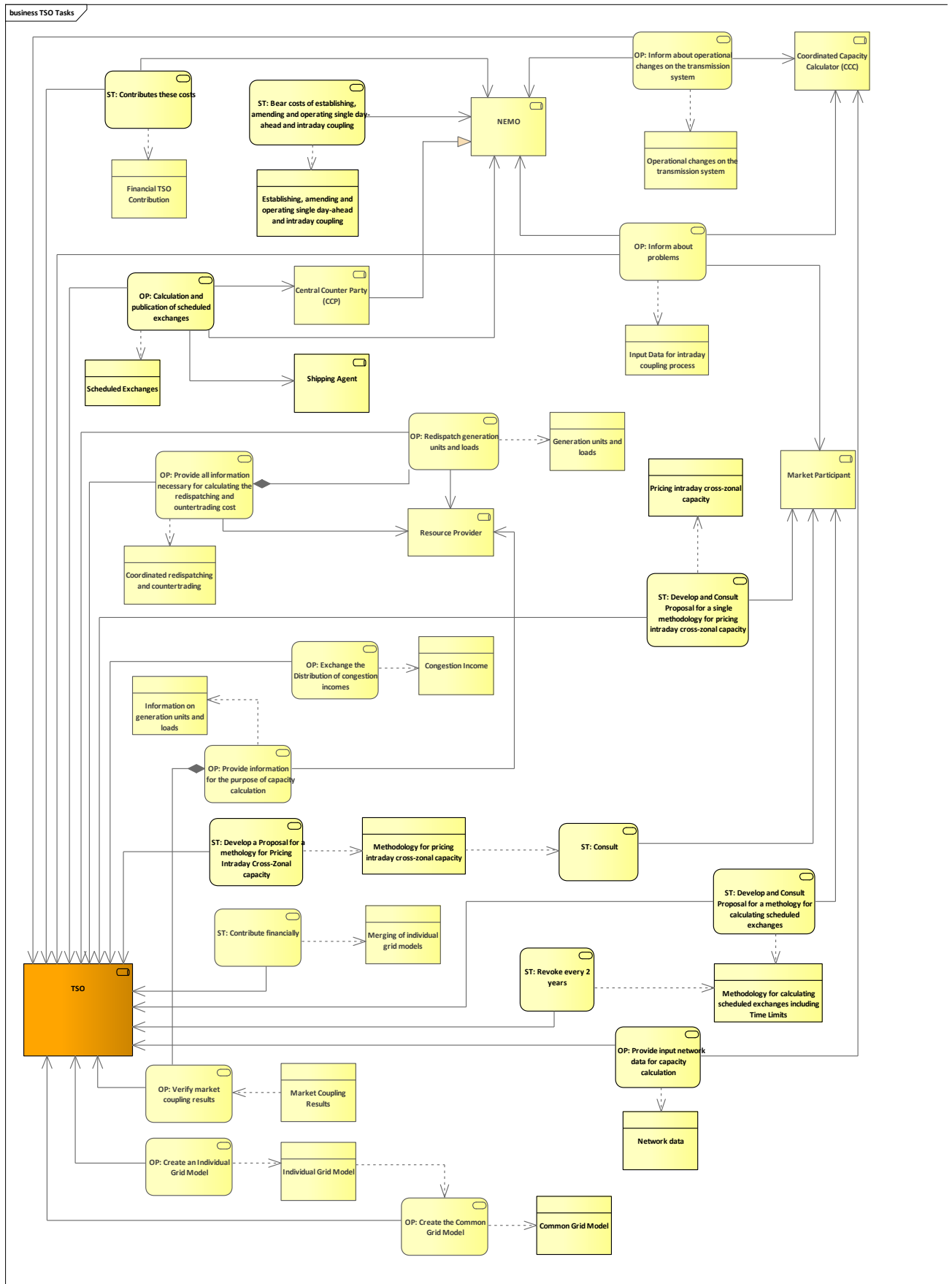


91

92

Figure 7 - Shipping Agent view

93 2.8 TSO

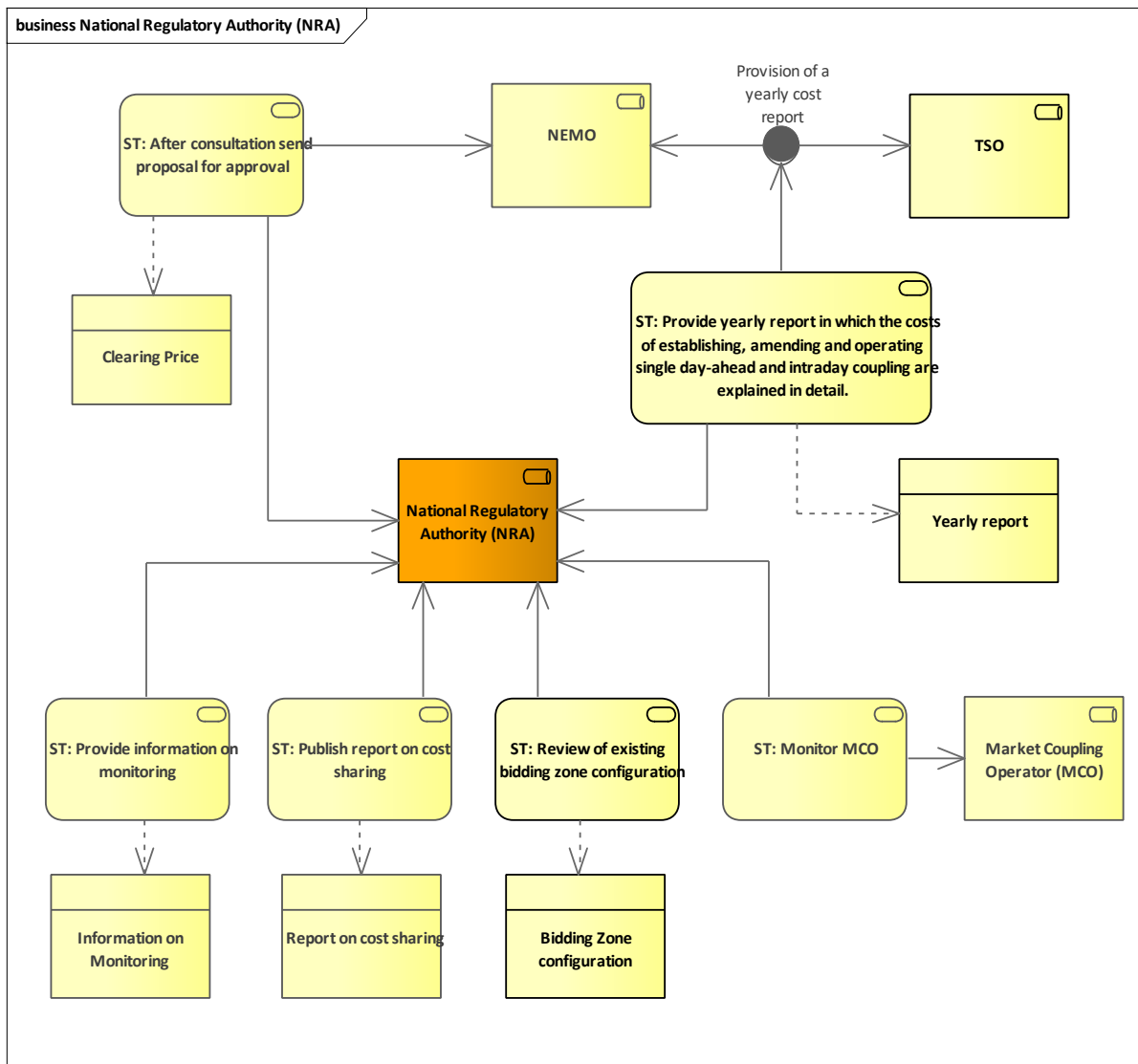


94

95

Figure 8 - TSO view

96 2.9 National Regulatory Authority



97

98

Figure 9 – National Regulatory Authority view