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# EASEE-gas

European Association for the Streamlining of Energy Exchange – gas

## Common Business Practice

Number:	2018-001/03
Subject:	Harmonised Gas Role Model– Business Process perspective
Approved:	2022-08-22

Summary

This Common Business Practise identifies and defines the different roles carried out within the gas market and viewed from business process perspectives.

**2018-001-03**24 **About EASEE-gas**25 <https://easee-gas.eu/about-easee-gas>

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27 **Version List**

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Number / Version	Approved	Implementation date
2018-001 / 01	2018-09-12	Tbd
2018-001 / 02	2020-01-31	Tbd
2018-001 / 03	2022-08-22	Tbd

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30 **Reference List**

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Reference	Document name	Version
<b>Edigas 5 MIGs</b>	Version 5 – Official <a href="https://www.edigas.org/version-5/">https://www.edigas.org/version-5/</a>	Edigas V 5.1
<b>Edigas 6 MIGs</b>	Version 6 – Recommended <a href="https://www.edigas.org/version-6/">https://www.edigas.org/version-6/</a>	Edigas V 6.1
<b>ENTSOG Glossary</b>	Glossary of existing definitions <a href="https://www.entsog.eu/public/uploads/files/publications/Tariffs/2017/170421_ENTSOG_Glossary%20of%20definitions.pdf">https://www.entsog.eu/public/uploads/files/publications/Tariffs/2017/170421_ENTSOG_Glossary%20of%20definitions.pdf</a>	2017-04-21
<b>BRS NOM &amp; Matching</b>	Business Requirements Specification for the Nomination and Matching Procedures In Gas Transmission Systems (NOM BRS) <a href="https://www.entsog.eu/public/uploads/files/publications/CMP/BAL0453_160622_BRS%20on%20nominations_V17.pdf">https://www.entsog.eu/public/uploads/files/publications/CMP/BAL0453_160622_BRS%20on%20nominations_V17.pdf</a>	2016-11-07
<b>BRS CAM/CMP</b>	Business Requirements Specification for the Capacity Allocation Mechanism (CAM) Network Code and the Congestion Management Procedures (CMP) Guidelines <a href="https://www.entsog.eu/public/uploads/files/publications/INT%20Network%20Code/2016/CAP0554_160412_BRS_CAM+CMP_V16.pdf">https://www.entsog.eu/public/uploads/files/publications/INT%20Network%20Code/2016/CAP0554_160412_BRS_CAM+CMP_V16.pdf</a>	2016-04-12
<b>EC Directive 2009/73</b>	DIRECTIVE 2009/73/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL <a href="https://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:211:0094:0136:en:PDF">https://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:211:0094:0136:en:PDF</a>	2009-07-13
<b>REMIT</b>	ACER REMIT Implementation Regulation <a href="https://documents.acer-remit.eu/wp-content/uploads/Implementing_Regulation.pdf">https://documents.acer-remit.eu/wp-content/uploads/Implementing_Regulation.pdf</a>	2014-12-17

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33 **Common Business Practice 2018-007/03 "Harmonised Gas Role**  
34 **Model - Business Process perspective"**

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36 **1.1 APPLICATION AREA**

37 The Role Model has been developed to represent actions between different market  
38 participants in the gas industry. The main focus of the document is on information  
39 exchange between market participants (excluding legal matters). The aim of the  
40 document, however, is to provide a common terminology for the roles that are used  
41 among most European countries.

42

43 The Model is only applicable for the Gas Market and not for other Energy segments.  
44 It has been developed by EASEE-gas with input from other associations.

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46 **1.2 EXPLANATORY NOTES**

47 The following information can be found in an explanatory note:

- 48 - The explanation of roles and parties
- 49 - How to read the role model
- 50 - Where to find former Shipper, Network User and TSO

51

52 **1.3 CHANGE AND RELEASE MANAGEMENT**

53 Comments can be given anytime to EASEE-gas directly, email [easee-](mailto:easee-gas@kellencompany.com)  
54 [gas@kellencompany.com](mailto:easee-gas@kellencompany.com). In the CBP section of the EASEE-gas website there is a  
55 link to the excel template for comments. EASEE-gas will collect the input and review  
56 it on regular basis. Depending on the numbers of comments, a new version will be  
57 initiated. A document change log is given in the end of the role model document.

58

## 59 2 HARMONISED ROLE DESCRIPTIONS

<b>Role Name</b>	<b>Description</b>
Allocation Responsible	A party allocating energy to portfolios based on agreed procedures.
Area Coordinator	<p>A party with coordinating functions in the transmission and/or distribution system and responsibilities for the management of balancing groups, system balancing activities and/or the provision of data (for example settlement and balancing information). Other duties and responsibilities might be stipulated in the respective national laws.</p> <p>Additional information: In some countries some additional duties might be assumed by the area coordinator, for instance: Coordination of infrastructure planning and maintenance activities, congestion management,...</p>
Balance Responsible Party	<p>A Balance Responsible Party is responsible for its imbalances, meaning the difference between the energy volume physically injected to or withdrawn from the system and the final nominated energy volume, including any imbalance adjustment within a given imbalance settlement period.</p> <p>Additional information: Its actions are based on a legally binding agreement, being a transport contract or another contract. May be a Network User following the definition in the ENTSOG glossary.</p>
Capacity Platform Responsible	The Capacity Platform Responsible manages, on behalf of the System Operators, the offering and allocation of all available transmission capacity products. He offers the available transmission capacity to the market, allocates the available transmission capacity to individual Capacity Responsible Parties and calculates the billing amount of already allocated capacities to the Capacity Responsible Parties.
Capacity Responsible Party	<p>A party that has a contract to participate in the Capacity Market to acquire capacity through a Capacity Platform Responsible.</p> <p>Additional information: Its actions are based on a legally binding agreement, being a contract with the capacity platform or with the Transmission System Operator or another contract. May be a Network User following the definition in the ENTSOG glossary.</p>

Role Name	Description
Clearing Responsible	<p>A party being a Clearing House to settle trades concluded on the Energy Trading platform or trades registered directly at the Clearing House for clearing by means of special rights as single sided or on-behalf nominations.</p> <p>Additional information: A Clearing Responsible nominates energy based on concluded transactions on the Energy Trading Platform for the relevant Traders to the relevant Area Coordinator via the Trader's chosen Balance Responsible Party.</p>
Distribution System Operator	<p>A party who carries out the function of distribution and is responsible for operating, ensuring the maintenance of, and, if necessary, developing the distribution system in a given area and, where applicable, its interconnections with other systems, and for ensuring the long-term ability of the system to meet reasonable demands for the distribution of gas (This definition can be found in the Directive 2009/73/EC).</p>
Energy Service Company	<p>A party offering energy-related services to other market roles, but not directly active in the energy value chain or the physical infrastructure itself. The Energy Service Company may provide insight services as well as energy management services.</p>
Energy Trading Platform Responsible	<p>A party that provides a service whereby the offers to sell energy are matched with bids to buy energy.</p> <p>Additional Information: This usually is an energy/power exchange or platform.</p>
Final customer	<p>A party purchasing gas for its own use. (This definition can be found in the Directive 2009/73/EC).</p> <p>Additional information: Includes gas consumers and electricity producer. Same as "end-user" in other documents.</p>
LNG System Operator	<p>A party who carries out the function of liquefaction of natural gas, or the offloading, and re-gasification of LNG and is responsible for operating a LNG facility. (This definition can be found in the Directive 2009/73/EC).</p>

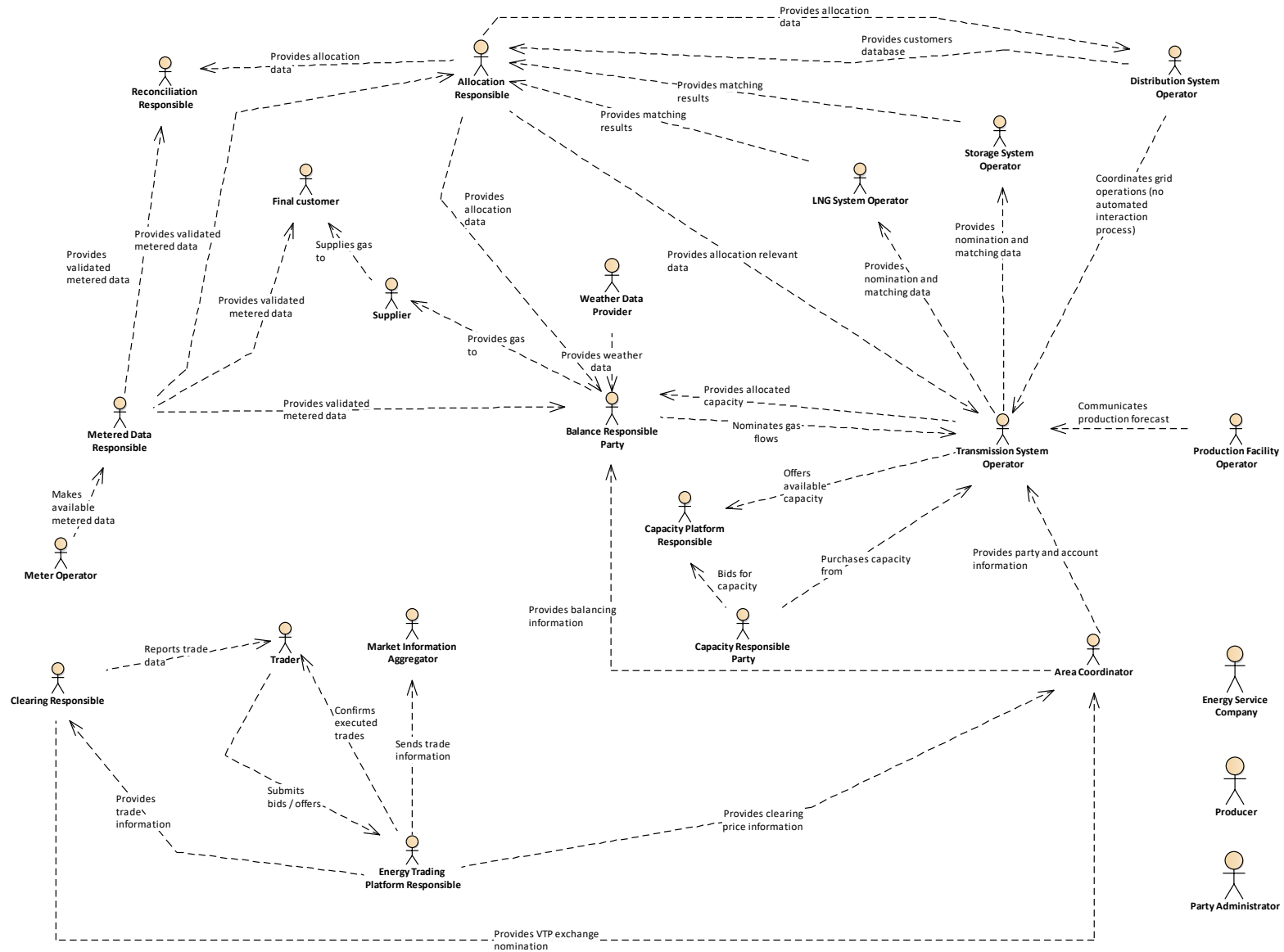
<b>Role Name</b>	<b>Description</b>
Market Information Aggregator	<p>A party that provides market related information that has been compiled from the figures supplied by different actors in the market. This information may also be published or distributed for general use.</p> <p>Additional information: The Market Information Aggregator may receive information from any market participant that is relevant for publication or distribution. It could be EU regulator, national regulator, ENTSOG as transparency platform responsible, TSO/SSO/LSO's transparency platform, Inside Information Platforms or Registered Reporting Mechanism Users.</p>
Meter Operator	A party responsible for installing, maintaining, testing, certifying and decommissioning physical meters.
Metered Data Responsible	A party responsible for the collection, storing, validation, aggregation and distributing validated metered data. It is also responsible for the history of metered data.
Party Administrator	A party responsible for maintaining party characteristics for the energy sector.
Producer	A party that generates or produces energy.
Production Facility Operator	A party that manages gas production within a production facility.
Reconciliation Responsible	A party that is responsible for reconciling, within a given network, the energy used in the imbalance settlement process for portfolios and the actual metered quantities.
Storage System Operator	A party who carries out the function of storage and is responsible for operating a storage facility. (This definition can be found in the Directive 2009/73/EC).
Supplier	A party who carries out the function of supply (the sale, including resale, of gas to final customers).
System Operator	<p>Parent role:</p> <p>A party that develops, operates, maintains and provides access to gas infrastructure such as transmission networks, underground storage, LNG terminals and distribution networks.</p>

Role Name	Description
Trader	<p>A party that is selling or buying energy.</p> <p>Additional information: A Trader can interact on an energy trading platform (virtual or physical).</p>
Transmission System Operator	<p>A party who carries out the function of transmission and is responsible for operating, ensuring the maintenance of, and, if necessary, developing the transmission system in a given area and, where applicable, its interconnections with other systems, and for ensuring the long-term ability of the system to meet reasonable demands for the transport of gas. (This definition can be found in the Directive 2009/73/EC).</p> <p>Additional information: Roles which are not related to grid operation are covered elsewhere in the model.</p>
Weather Data Provider	<p>A party that determines the forecasted and validated weather data for a designated area and provides it to the roles that request the information.</p>

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### 61 **3 OVERVIEW OF THE ROLES IN THE MODEL**

62 The overview provides a perspective of the role model making use of only one  
 63 interaction between each pair of roles in order to avoid clutter in the diagram. The  
 64 interaction chosen may not necessarily be significant to some but the objective is  
 65 simply to place the roles in the diagram.





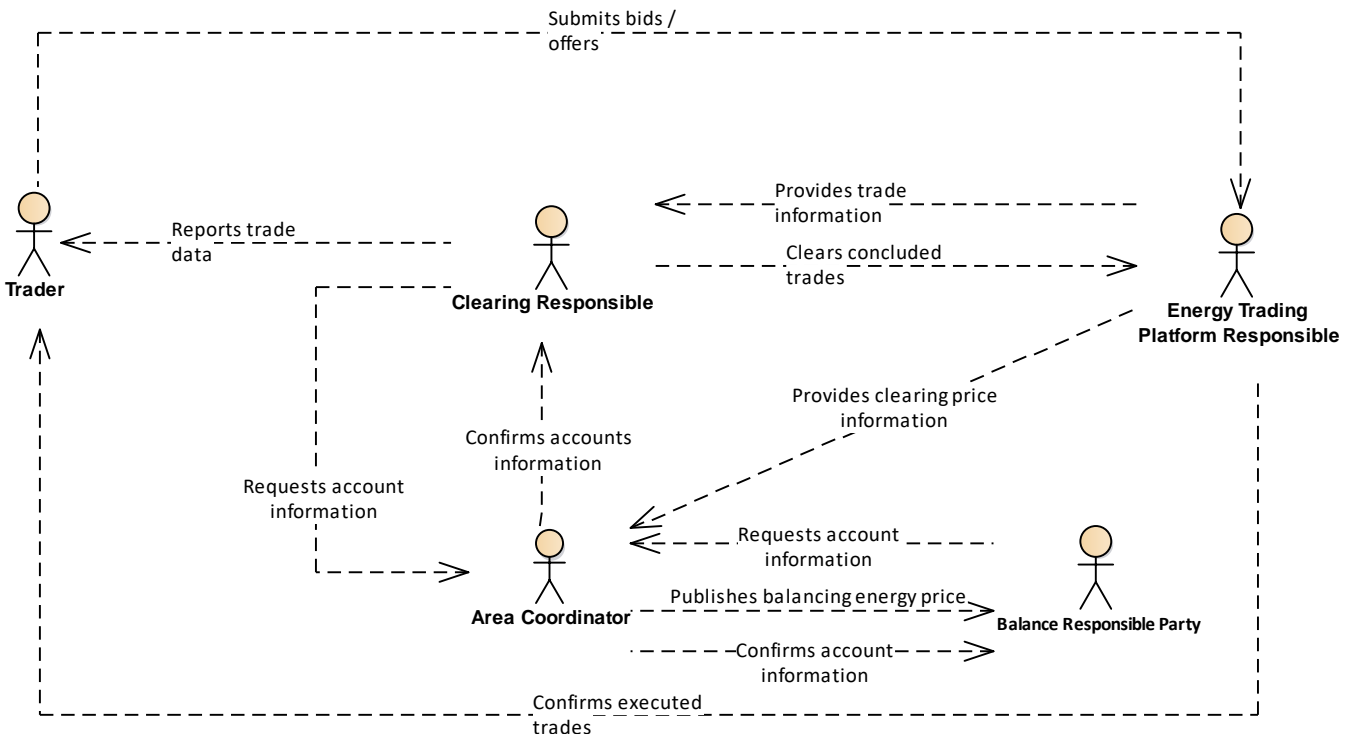


88 **4.2 GAS TRADING PROCESS**

89 **4.2.1 Exchange Gas Trading Process**

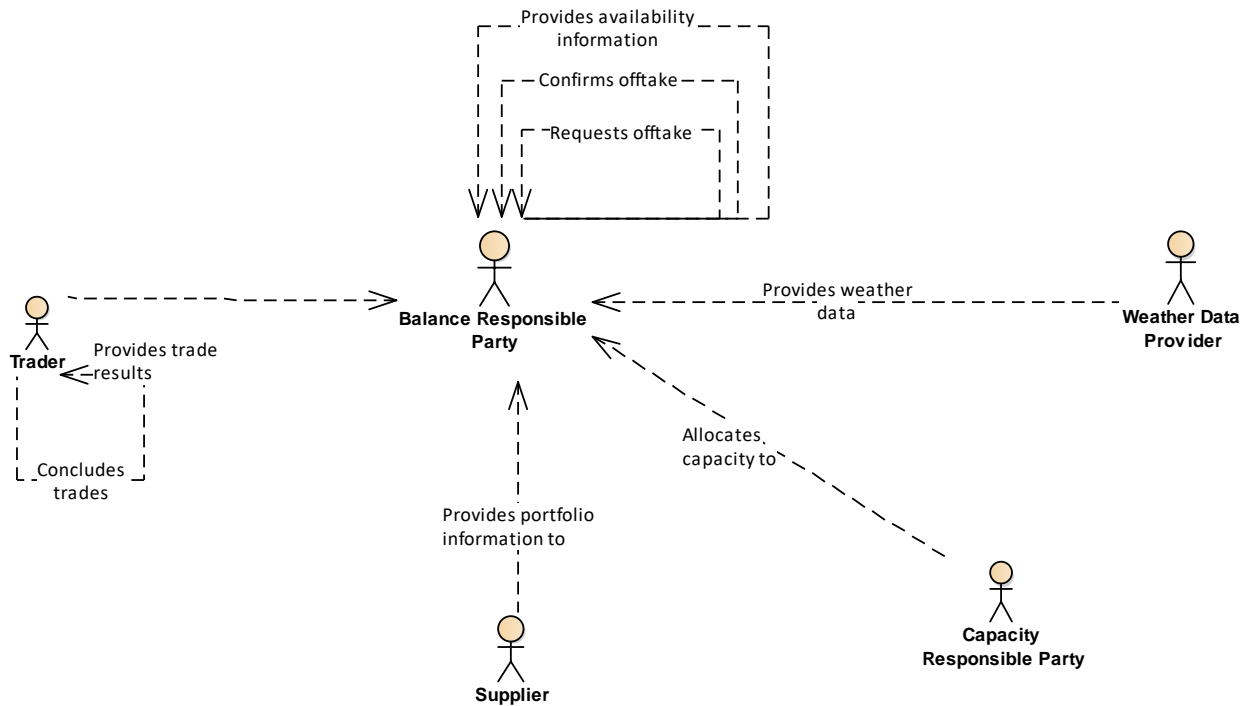
90 The Exchange Gas Trading Process takes place at an energy trading platform where  
91 a Trader from party A offers a quantity of gas with a certain price for a specific  
92 delivery time and a Trader from another party B agrees to the offer. The offer and  
93 agreement lead to a trade which is executed by the Clearing Responsible Party of  
94 the Energy Trading Platform Responsible. This nomination to the virtual trading  
95 point of the Area Coordinator is done single sided (see Nomination & Matching  
96 process). The Balance Responsible Parties of party A and B will balance their  
97 portfolios in line with the traded quantities. Area Coordinators may use the process  
98 for Area Balancing purposes.

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101 **4.2.2 OTC Gas Trading Process**

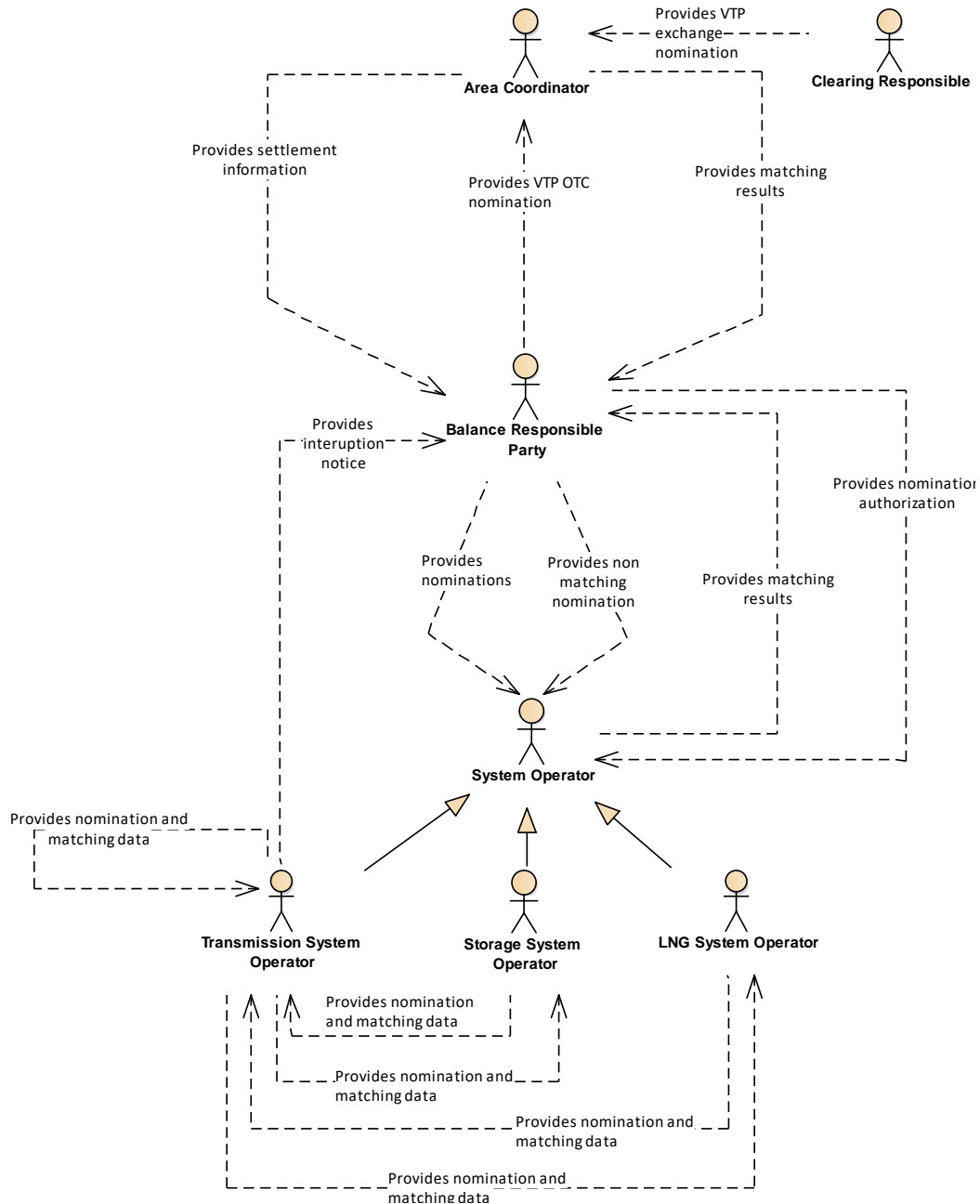
102 In the OTC Gas Trading Process Balance Responsible Parties provide availability and  
 103 offtake information for buying or selling gas based on bilateral contracts. These gas  
 104 quantities will be used to balance the portfolio of the Balance Responsible Party.  
 105 To be able to operate gas trading contracts, Balance Responsible Parties receive  
 106 input from Traders, Suppliers and Capacity Responsible Parties.  
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110 **4.3 NOMINATION AND MATCHING PROCESS**

111 The Nomination and Matching Process consists of two steps:

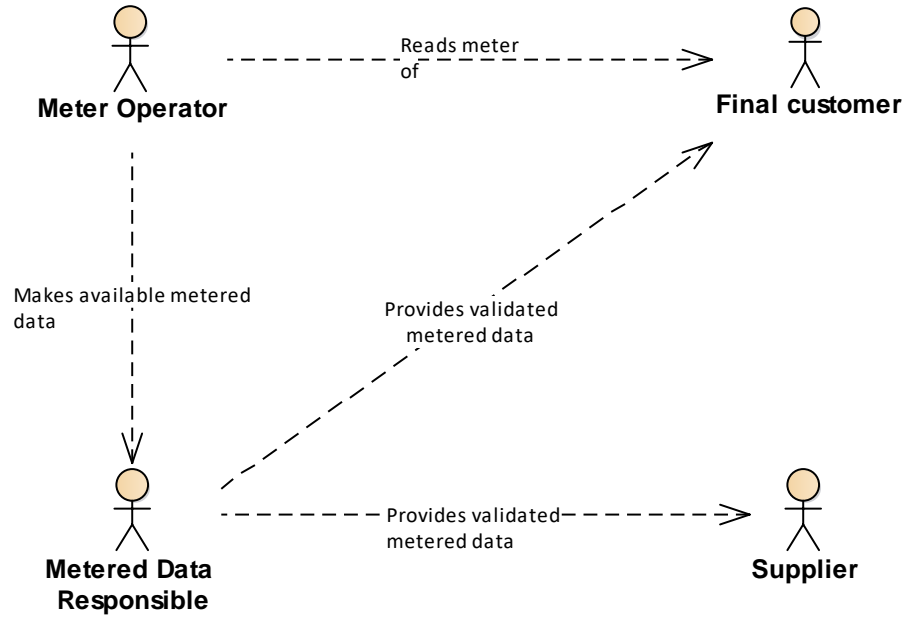
- 112 1. A nomination is the prior reporting by the Balance Responsible Party to the
- 113 System Operator of the actual flow that the Balance Responsible Party wishes to
- 114 inject into or withdraw from the system. Additionally, a nomination to the virtual
- 115 trading point is done by the Balance Responsible Party to the Area Coordinator to
- 116 indicate the traded quantities.
- 117 2. Matching is the process of comparing and aligning processed quantities of gas for
- 118 Balance Responsible Parties at both sides of a connection point between
- 119 systems, which results in confirmed quantities for the Balance Responsible
- 120 Parties. The matching on the virtual trading point confirms the traded quantities.
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123 **4.4 BALANCING AND SETTLEMENT PROCESS**

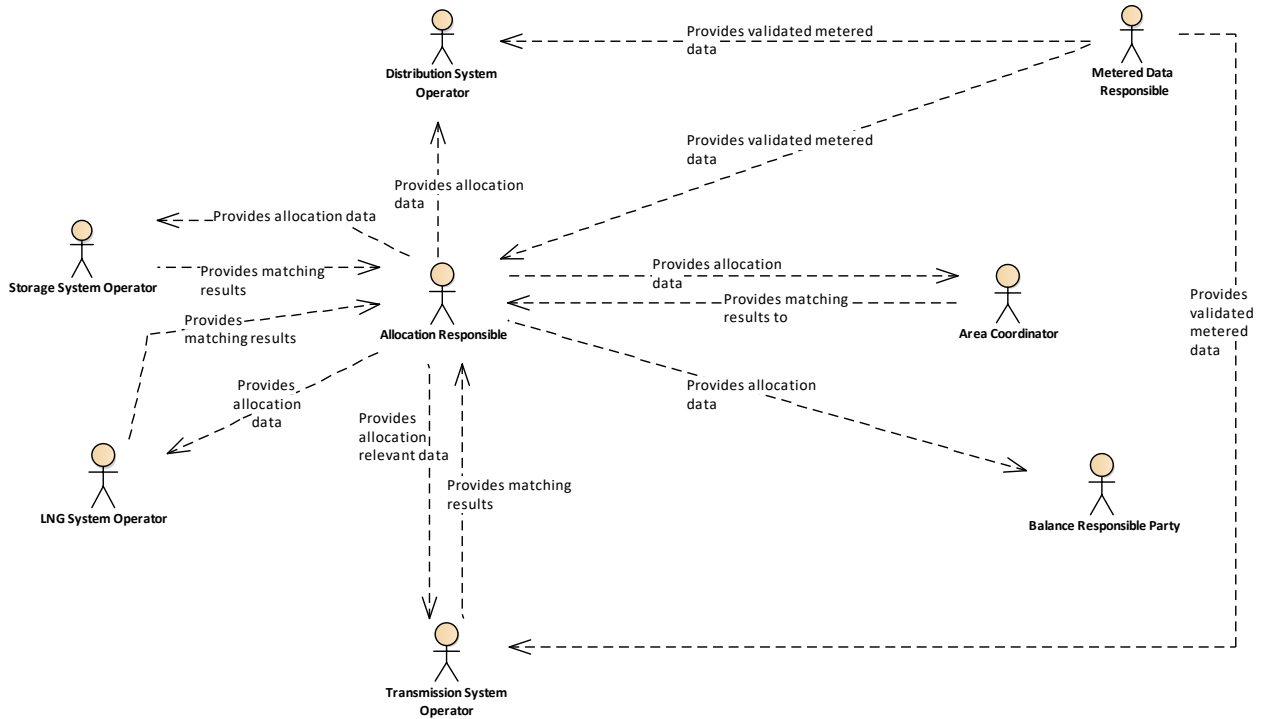
124 **4.4.1 Metering Process**

125 The Metering Process describes the interactions necessary to obtain connection  
 126 point metering information, compiling the information and providing it to all  
 127 interested parties.  
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130 **4.4.2 Allocation Process**

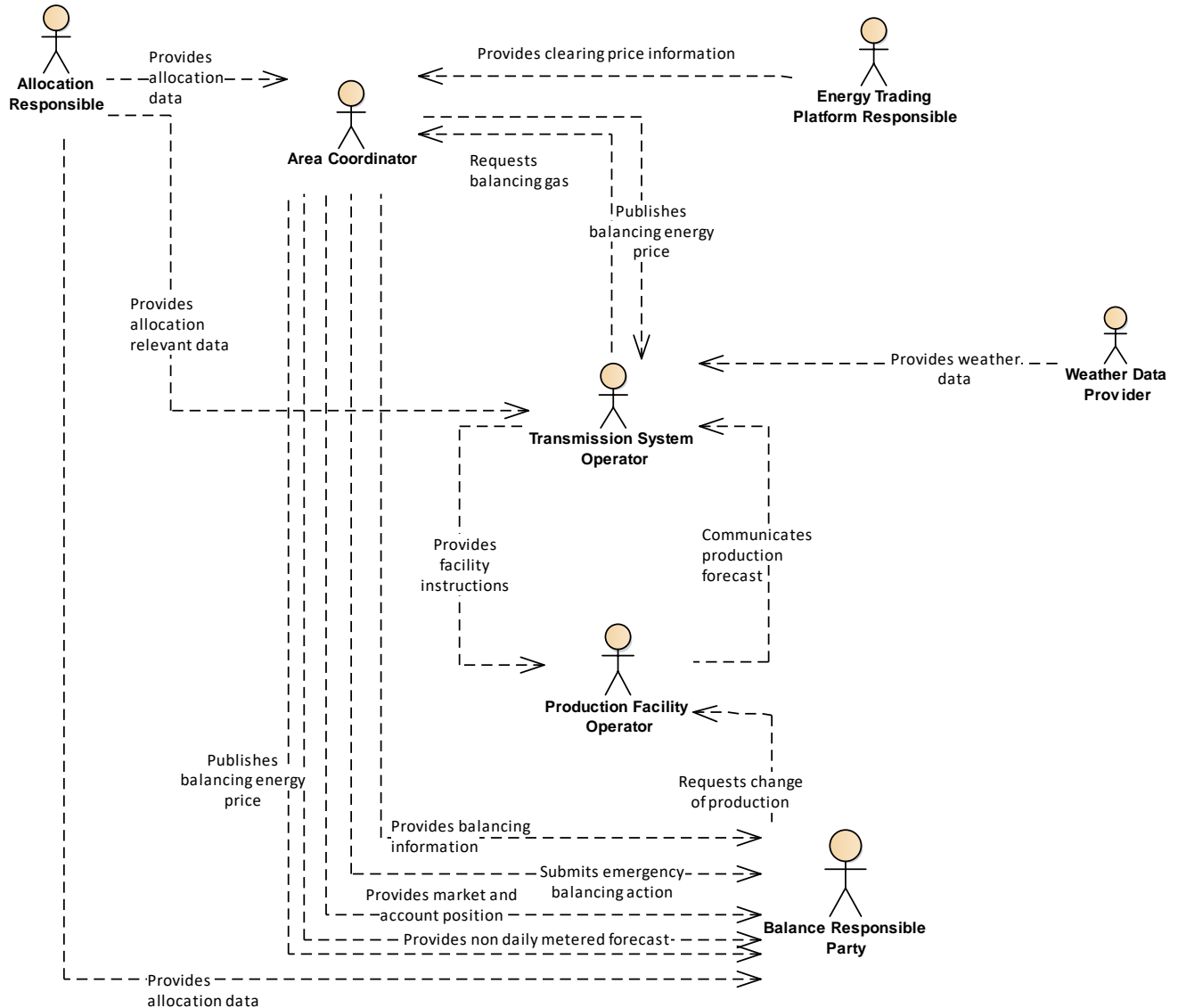
131 The Allocation Process is carried out by an Allocation Responsible and consists in  
132 attributing amounts of energy to Balancing Responsible Parties at a connection point  
133 based on confirmed nominations' quantities, metering data and the agreed  
134 allocation rule. The allocation information is provided to all concerned parties.  
135 Provisional allocations are based on non-validated metering or replacement data.  
136 Final allocations are based on validated metering data.



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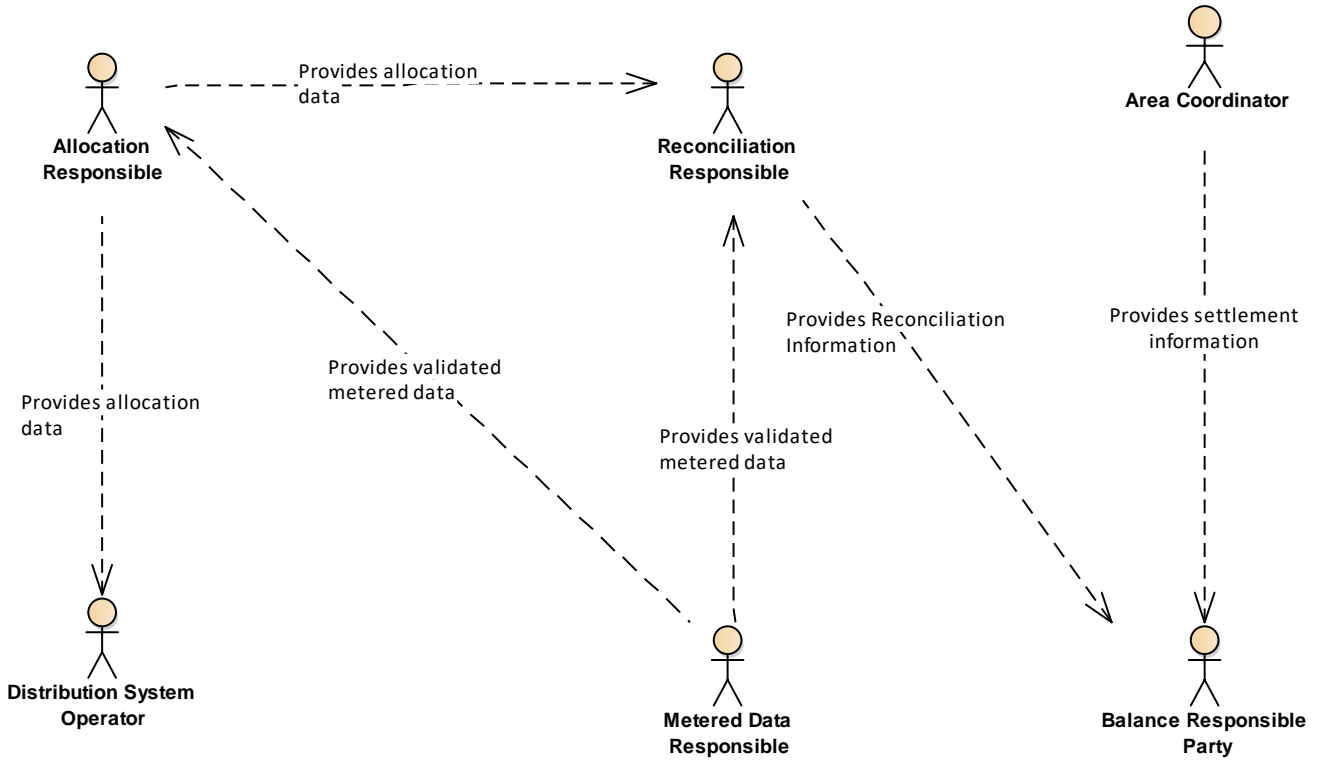
139 **4.4.3 Balancing Process**

140 In a balancing area the Balancing Process applies the rules for Balancing  
 141 Responsible Parties to balance their portfolio, for Area Coordinators to inform  
 142 Balance Responsible Parties about their portfolio imbalance and for Area  
 143 Coordinators to undertake balancing actions to keep the balancing area within its  
 144 operational limits. The portfolio imbalance is calculated based on allocation data for  
 145 connection points and concluded trades on the virtual trading point.  
 146  
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148 **4.4.4 Settlement Process**

149 The Settlement Process is carried out to settle balancing actions and daily imbalance  
150 charges, to settle the difference between provisional and final allocations and also to  
151 settle reconciliation that would be necessary between the allocations and actual  
152 consumption subsequently derived from Final Customer meter readings when  
153 obtained. The Settlement Process includes the information flows between parties to  
154 perform such settlements.  
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157 **4.5 REMIT and Transparency Process**

158 The REMIT and Transparency Process defines the interactions between reportable  
159 market participants (like System Operators or Traders and including other  
160 platforms) and Market Information Aggregators for the information required for  
161 publication in order to ensure market transparency under Regulation (EC)  
162 715/2009 and Regulation (EU) 1227/2011.  
163

