

## **NI Shipper Training**

Belfast, 27<sup>th</sup> November 2014





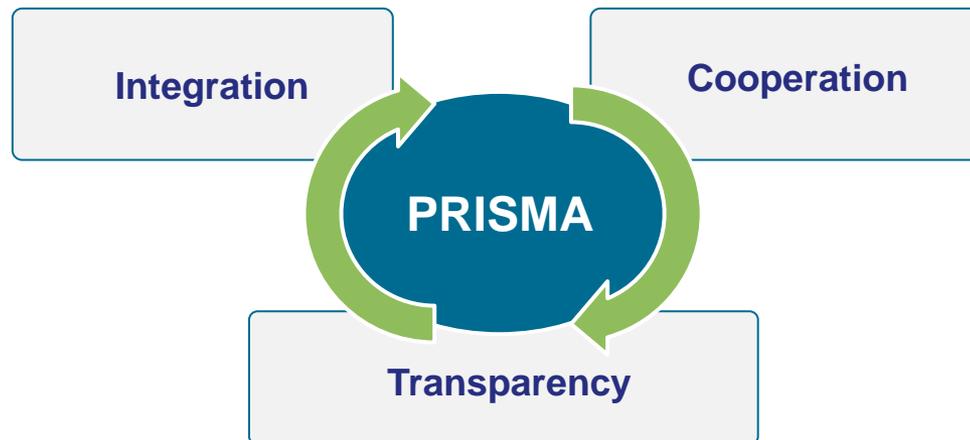
- **Background and Status of PRISMA**
- Registering at PRISMA
- Primary Capacity Bidding at PRISMA
- Auction Mechanisms
- Additional Features
- Secondary Trading at PRISMA
- My PRISMA

# PRISMA was launched with the aim to support the creation of a harmonised European Gas Market as described in the NC CAM.



*COMMISSION REGULATION (EU) No 984/2013, Article 27*

“Transmission system operators shall apply this Regulation by offering capacity by means of one or a limited number of **JOINT web-based booking platforms**. Transmission system operators can operate such platforms themselves or via an agreed party that, where necessary, acts on behalf of them towards the network users.(...)”



# With its concept of an open cooperation, PRISMA has already reached significant acceptance and utilisation in the market.



## Multi-TSO company

- close cooperation
- joint decision-making

## PRISMA team

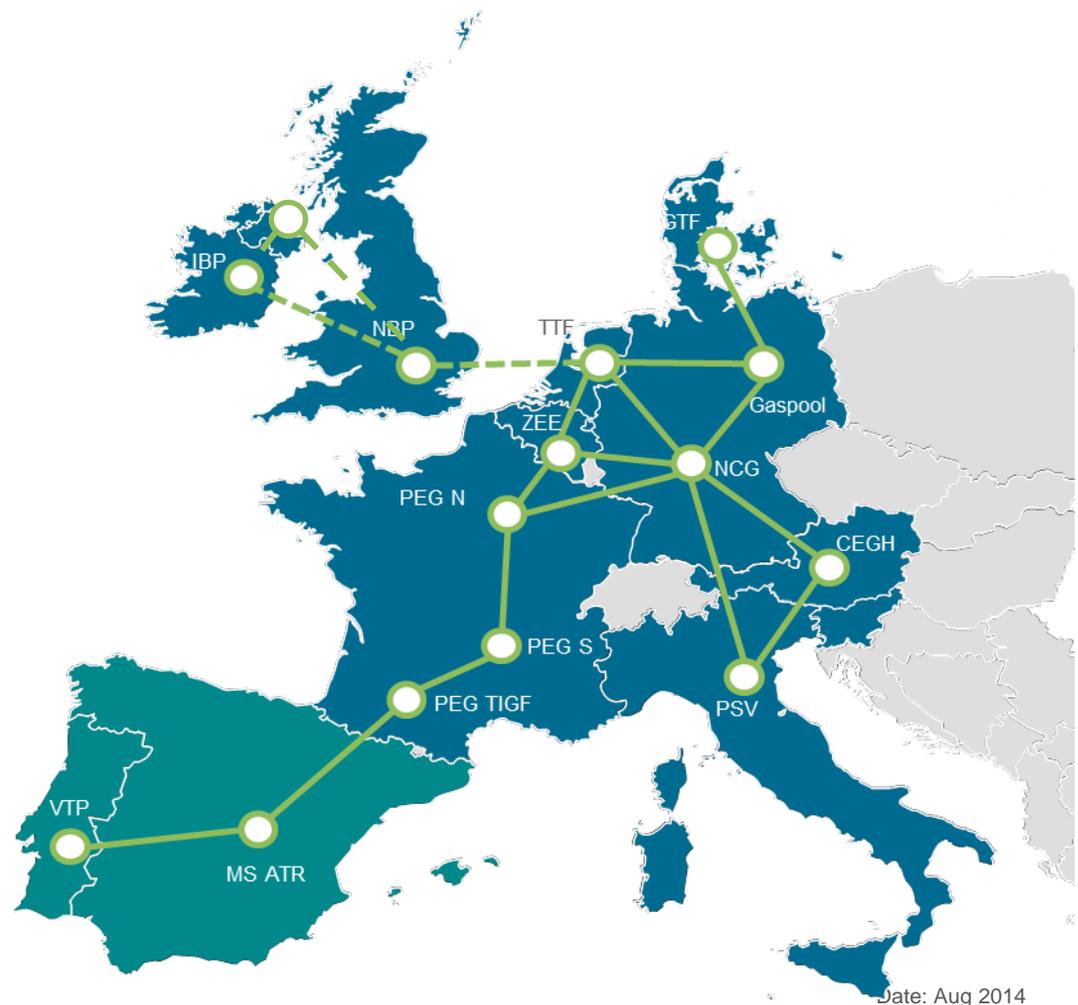
- international, multi-lingual
- working group structure
- fast-moving & high quality

## Connecting the gas market

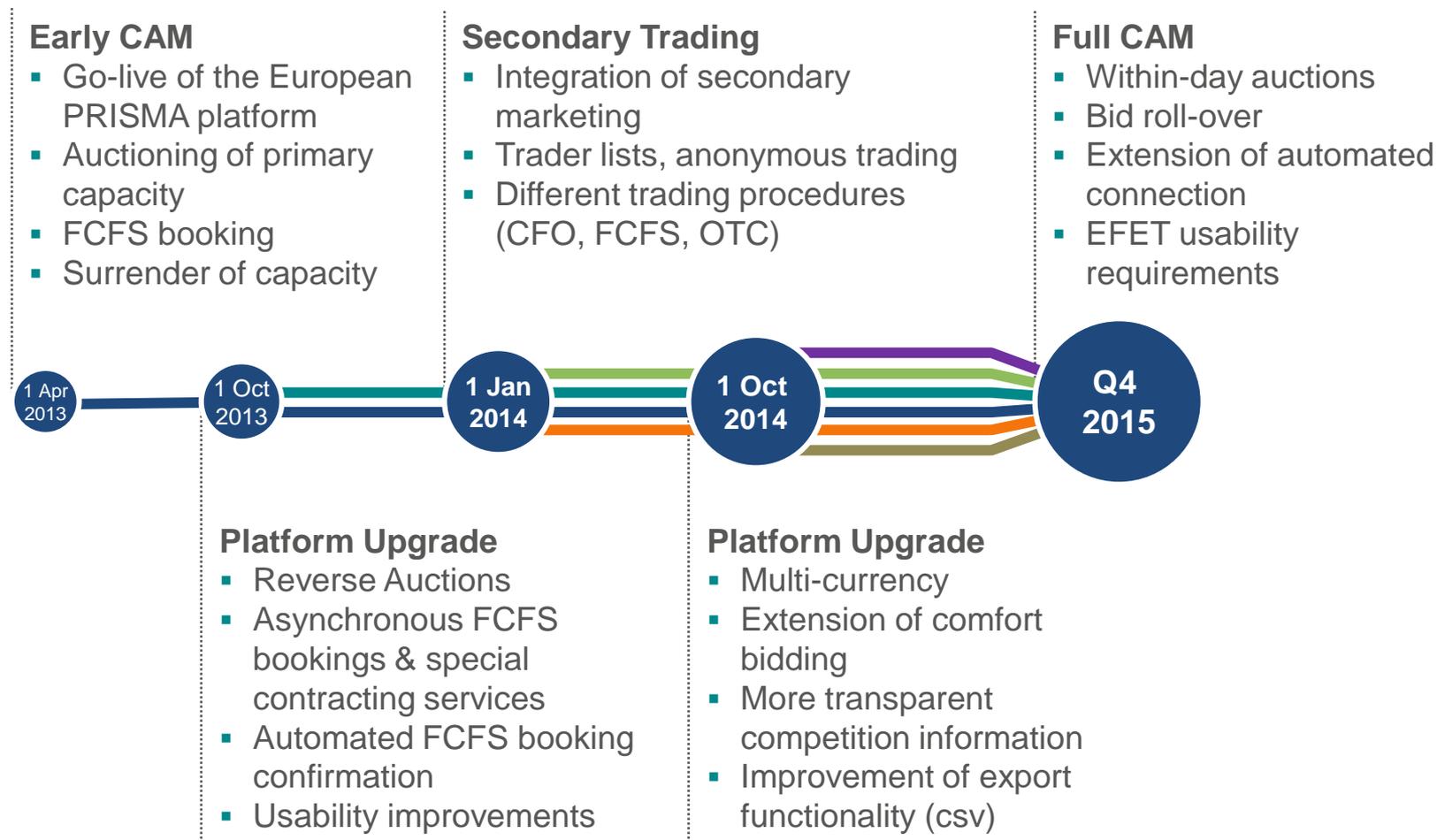
- 380+ registered shippers
- 27 connected TSOs
- 1,200+ users

## Expertise & Experience

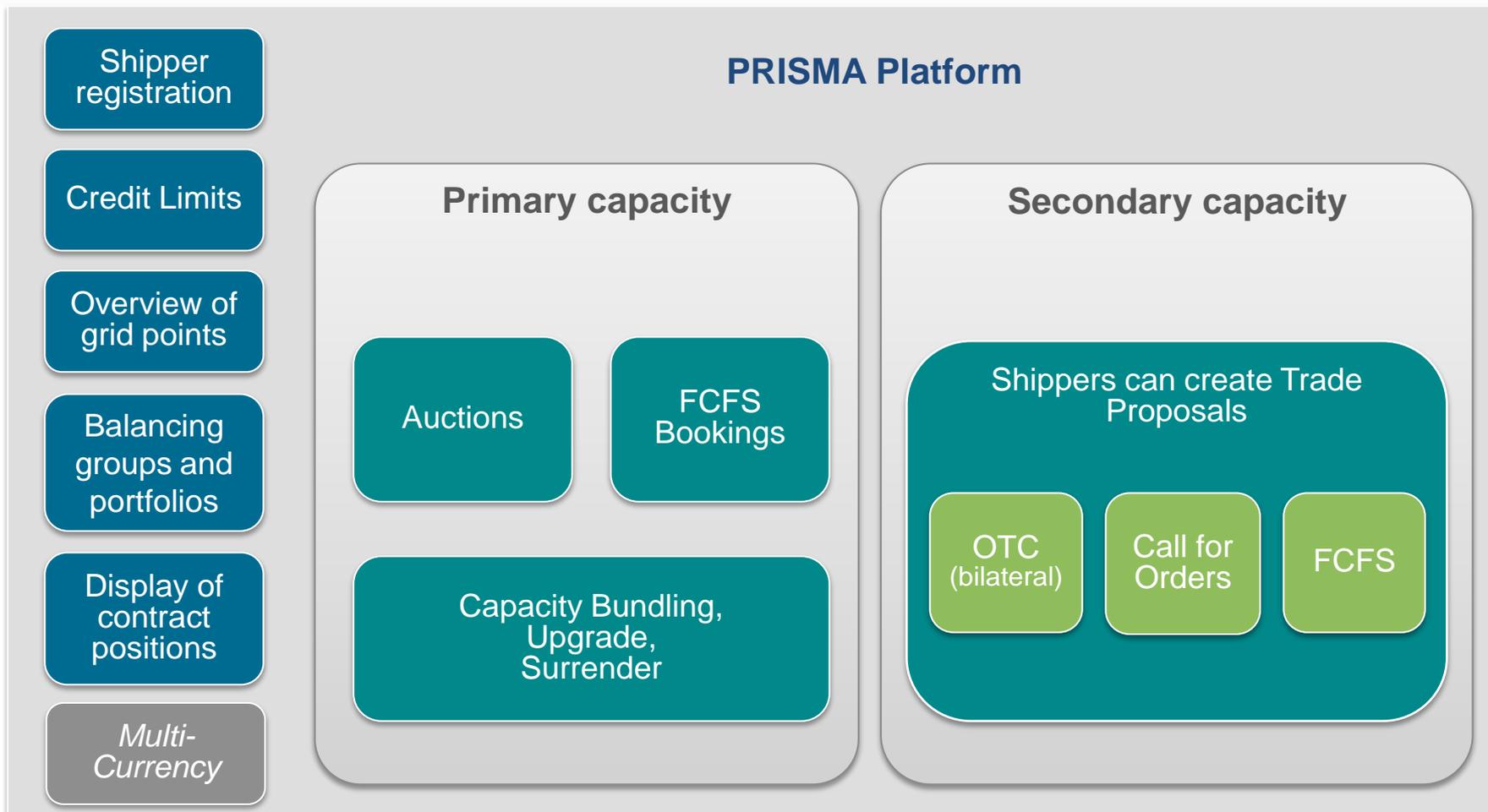
- 110,000+ auctions
- 300+ secondary trades
- 1,506 network points



# PRISMA is striving to not only fulfil regulatory requirements but to provide a platform matching the needs of TSOs and Shippers.



All functionalities are offered via a single platform, which significantly simplifies access to the European capacity market.



The platform offers not only primary but also secondary capacity trading to all registered users. Supporting processes like registration, grid point master data etc. are used by all functionalities.



- Background and Status of PRISMA
- **Registering at PRISMA**
  - Role Definitions
  - The Registration Process
  - A Prerequisite for Bidding / Trading: The EIC Code
- Primary Capacity Bidding at PRISMA
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# Role Definitions

## Platform Roles



### Guests (unregistered)

- Everyone – no registration or login is required.
- Guests can look at all publicly available information.

### Shipper Users

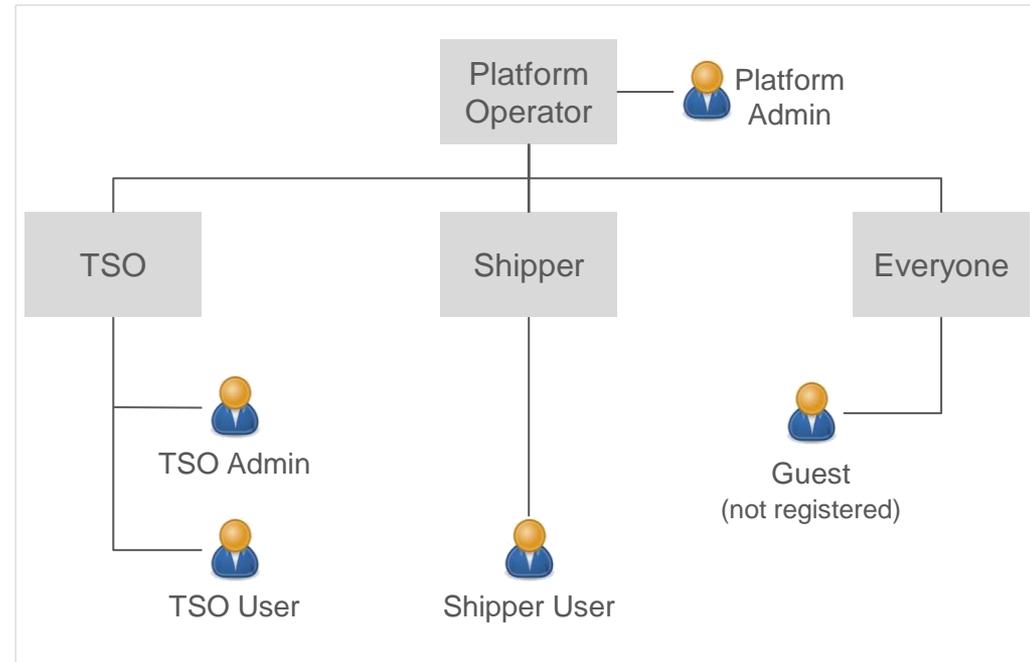
- Has the right to trade capacities with the TSOs and other shippers.
- A shipper can have multiple users.
- All users can be authorised for both primary and secondary capacity trading.

### TSO Users

- Role for performing non-configurative tasks of the TSOs like activating/deactivating shippers.
- May use the secondary market to acquire capacity on the TSOs own grid points.

### TSO Admin

- Admin role can configure TSO specific values and the manage TSO documents.
- May use the secondary market to acquire capacity at a TSOs' grid point.





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# The Registration Process

## General Information

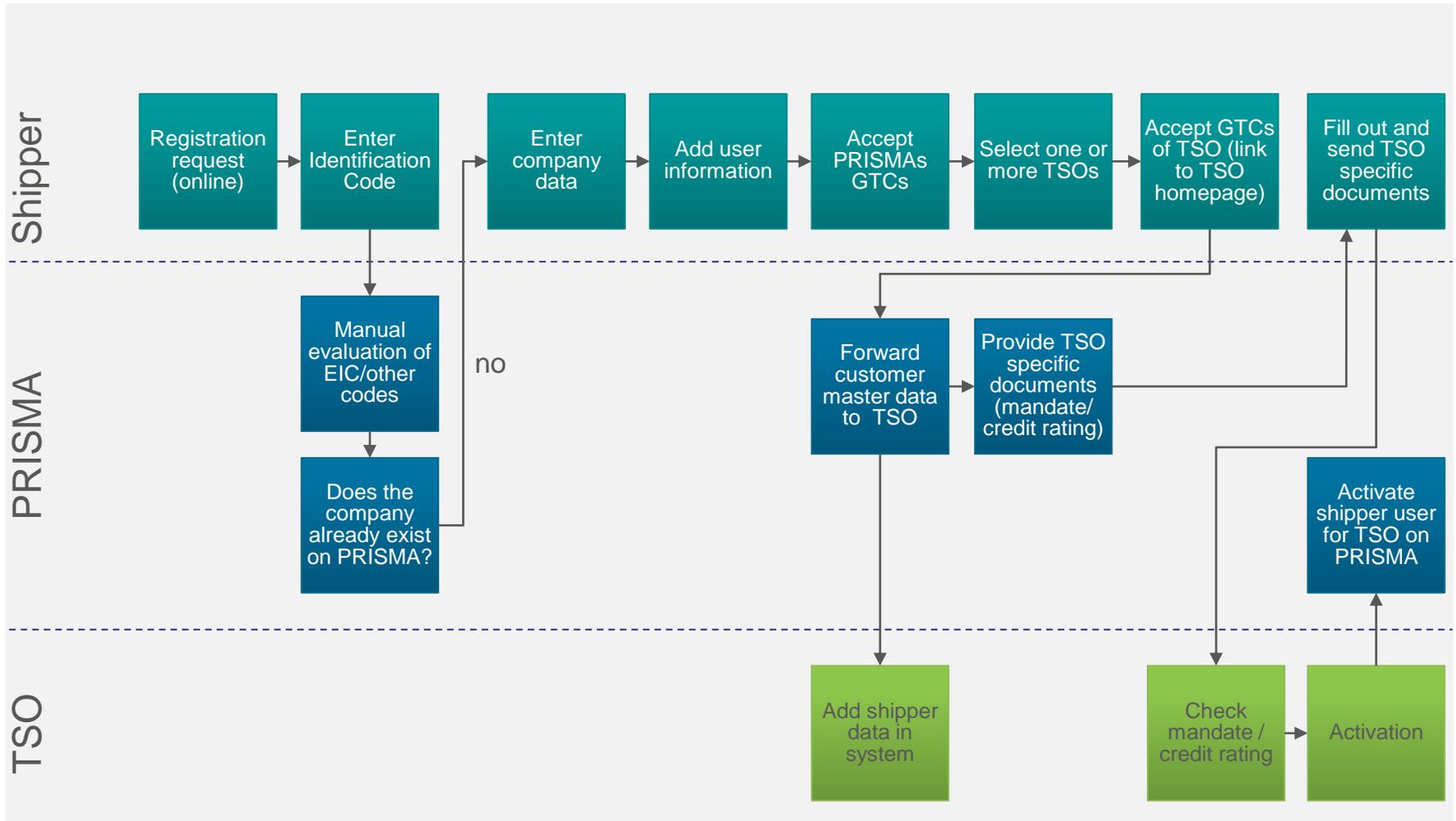


- A single user of a shipper can only acquire primary transport capacities or trade secondary capacity on the platform on behalf of their company after they have been activated by the respective TSO.
- Individual users of a shipper who would like to join the platform have to pass the registration process.
- If a shipper company is not yet registered, the registration of the shipper takes place with the registration of its first user. A separate registration of the shipper company is not possible.
- In order to trade on the secondary market of the PRISMA platform NO separate registration is required.
- If no longer needed, the shippers as well as their users can be deactivated
- In order to register to the platform shippers need an EIC Code

**After a registration the user receives a personal account and token. The account must not be shared with other company members and the token is not transferrable to other users!**

# The Registration Process

Process model of how to register on the platform



# The Registration Process

## Getting started on the PRISMA platform



The screenshot shows the PRISMA European Capacity Platform website. At the top, there is a navigation bar with links for PRISMA, HOME, GTCS, LEGAL, PRIVACY, DISCLAIMER, FAQs, CONTACT, and DE EN. The PRISMA logo is on the left. A 'Registration' button is highlighted with a green box and a callout '1'. Below it is a 'My PRISMA' link. A horizontal menu contains 'AUCTIONS', 'BOOKINGS', 'NETWORK INFORMATION', and 'CUSTOMER CENTRE'. The main content area is titled 'The registration in 5 steps' with a help icon. The steps are: 1. Enter / Confirm Your Company Details, 2. Enter the Contact Person, 3. Enter Your User details, 4. Select a Transmissions System Operator (TSO), and 5. Check your Entries. To the right, there is a 'Help and Tips' section with links for 'User Documentation' and 'FAQ'. Below that is a 'Start Registration' section with a text input field and a 'Start Registration' button. A callout '2' points to the 'Start Registration' button. A callout '1' points to the 'Enter EIC Code' text, which is a callout for the first step. Another callout '2' points to the 'Further Information about how to apply for an EIC Code' text, which is a callout for the second step.

**1** Enter EIC Code

**2** Further Information about how to apply for an EIC Code

- In case a shipper is not yet registered at PRISMA, the registration of the shipper takes place with the registration of the first shipper user. A separate registration of the shipper company is not necessary.

# The Registration Process

## Step 1: Check and complete the company data



**Registration**

Progress: **1** Company Information **2** Contacts **3** User Information **4** Assignment of a TSO **5** Checking Information

**Check and Complete your Company Information** Required fields are marked with a \* ?

**Company Information**

**!** Entry / Confirmation of Your Company Information  
Your company is not yet registered as a transport customer.

EIC code

DVGW code

Company Name \*

On behalf of my company I agree to the publication of my company's name on PRISMA.

Street and Number \*

Postcode and City \*

Country \*

P.O. Box

Postcode and City    
P.O. Box

**Bank Information**

Bank \*

IBAN \*

BIC \*

**Tax Information**

**!** Information for VAT Number.

VAT Number \*

I hereby confirm the accuracy of the company information.

**Billing Address**

Your billing address is the same as the company address.

[Set a different billing address.](#)

**1** Enter company data

# The Registration Process

## Step 2: Check and complete the contacts



**Registration**

Progress: 1 Company Information ✓ 2 **Contacts** 3 User Information 4 Assignment of a TSO

**Check and Complete your Company's Contacts.** Required fields are marked with \*

**Contact Persons**

! In all areas a minimum of one contact person is required.

- Dispatching (1) Add Contact Person
- Dispatching (Central) (1) Add Contact Person
- Billing (1) Add Contact Person
- Communication (1) Add Contact Person
- Operations Department (1) Add Contact Person

[Show and Edit](#)

**Add Contact Person**

Department: Dispatching

Salutation \*: Select Salutation

Title:

First and Last Name \*:

Email \*:

Phone On Call \*:

Backup \*:

Fax \*:

[Cancel](#) Save contact

Back to previous step Cancel **Next Step**

**1** Add more contacts for the shipper company (e.g. controlling, billing). It is mandatory to add at least one contact per category.

**2** Enter the details of further contact persons

**3**

# The Registration Process

## Step 3: Enter the user details



**Registration**

Progress: 1 Company Information ✓ 2 Contacts ✓ **3 User Information** 4 Assignment of a TSO 5 Checking Information

**Enter Your User details** Required fields are marked with a \* ?

**User Info**

Salutation \*

Title

First and Last Name \*

Telephone \*

Mobile

Fax

Email \*

Email \* repeat

Language \*

Settings on PRISMA primary

**1** Enter user details

**2**

# The Registration Process

## Step 4: Select one or more TSOs



**Registration**

Progress: 1 Company Information ✓ 2 Contacts ✓ 3 User Information ✓ **4 Assignment of a TSO** 5 Checking Information

**Selection of a transmission system operator (TSO)** Required fields are marked with a \*. ?

Available transmission system operators (TSOs) Select All

 Baumgarten Oberkappel Gasleitungsgesellschaft m.b.H. <input checked="" type="checkbox"/> The GTCs have been read and accepted. *	 bayernets GmbH <input checked="" type="checkbox"/> The GTCs have been read and accepted. *	 jordgasTransport GmbH	 NEL Gastransport GmbH	 Wir transportieren Gas. nowega Nowega GmbH	 Energinet.dk
 terranets bw GmbH	 Fluxys Belgium NV/SA	 Fluxys TENP TSO S.p.A.	 GAS CONNECT AUSTRIA Energy everywhere GAS CONNECT AUSTRIA GmbH	 GASCADE Gastransport GmbH <input checked="" type="checkbox"/> The GTCs have been read and accepted. *	 Gasunie Deutschland Transport Services GmbH
 Gasunie Ostseeanbindungsleitung GmbH	 Gasunie Transport Services B.V.	 GRTgaz	 GRTgaz Deutschland GmbH	 ONTRAS - VNG Gastransport GmbH	 Open Grid Europe GmbH

**Alternative 1: Select all TSOs**

**Alternative 2: Select individual TSOs**

**For a successful registration the GTCs of the selected TSOs need to be accepted**

# The Registration Process

## Step 5: Check your entered data and enter national identifiers



**Registration**

Progress: 1 Company Information ✓ 2 Contacts ✓ 3 User Information ✓ 4 Assignment of a TSO ✓ 5 Checking Information

**Checking the Information** Required fields are marked with a \*. PDF ?

**Your Information** [Change](#)

Full Name:

Title:

Telephone:

Mobile:

Fax:

Email:

Language:

**Company Information**

**Company Information**

DVGW:

The DVGW (Deutscher Verein des Gas- und Wasserfaches e.V. - Technisch-wissenschaftlicher Verein = DVGW German Technical and Scientific Association for Gas and Water) acts as issuing office for the DVGW code that is - among other uses - required for balancing issues within the German gas network.

EIC:

The EIC (Energy Identification Coding Scheme) code is a unique identifier for the entities on the energy market. It is issued by local offices and a central office at ENTSO-E.

**Selected transmission system operators (TSOs)** [Change](#)



**D:**

EWE NETZ GmbH

The [Privacy Policy](#) and [GTCs](#) published by PRISMA primary have been read  GRTgaz

1

Check the entered information

2

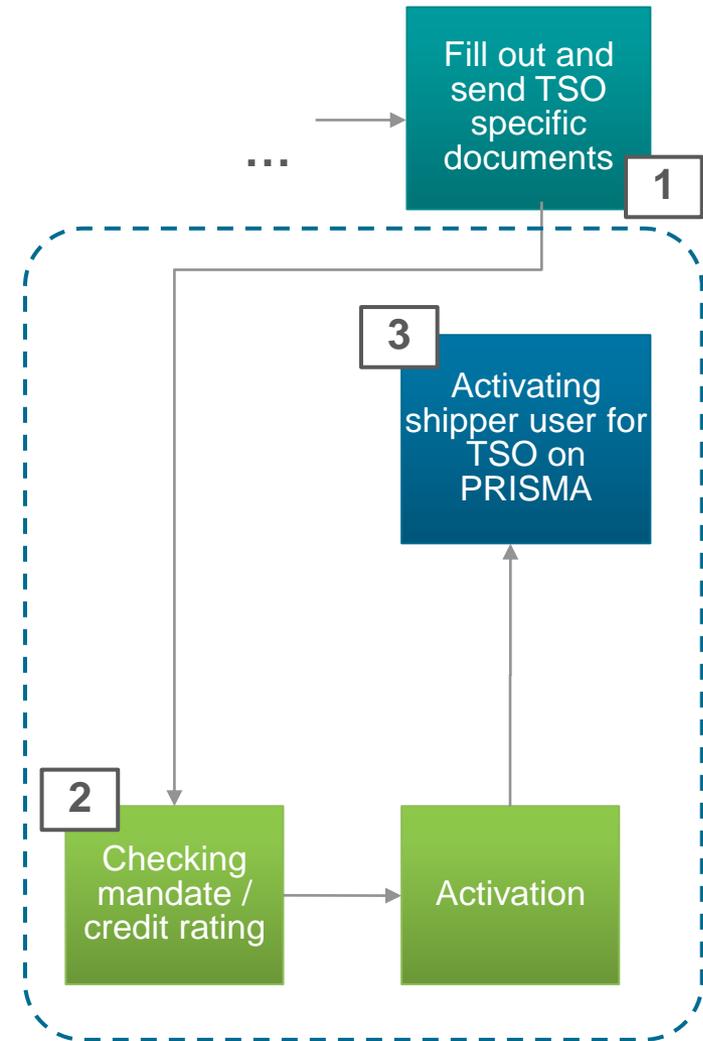
Enter national identifier codes, e.g. DVGW code (depends on the TSOs you selected).

# The Registration Process

## Finalising the registration & following steps



- 1** The shipper user sends all required documents to the TSO (set by each TSO: e.g. mandate/ solvency check).
- 2** The TSO checks the documents and activates the shipper user.
- 3** With the activation by the first TSO, the shipper receives a token (electronic PIN generator) with which the user can log onto PRISMA.  
  
The shipper user is now able to trade on the capacity platform.





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# A prerequisite for trading: The EIC Code

## Energy Identification Code



### One entry per party

- One can request a code at either the local or the main office

### EIC Code for Electricity and Gas is the same number

- Compatibility issues

### VAT Number

- Only one EIC per VAT number

The central database will be updated once a week.

### Validity of codes

- No renewal process and/or ending date of code registration

### For further information

- Database of all circulating EIC Codes (including VAT number)  
<https://www.entsoe.eu/index.php?id=73&libCat=eic>
- ENTSO-E EIC FAQs [https://www.entsoe.eu/fileadmin/user\\_upload/edi/library/eic/eic-short-guide-faq-v1r0.zip](https://www.entsoe.eu/fileadmin/user_upload/edi/library/eic/eic-short-guide-faq-v1r0.zip)

**Only the EIC Code with the object type X is valid for a successful registration at PRISMA**



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# Primary Capacity Auctions at PRISMA

## Two ways to book primary capacity via PRISMA:



### Auctions:

- Firm capacity is marketed in auctions at Interconnection Points (cross-border and market area interconnection points).
- Interruptible capacity is currently not marketed via auctions by all TSOs since they are optional until NC CAM comes into force. Until then they are subject to national regulation.
- Auctions take place at different predefined times, depending on the product type. The auction calendar provides an overview of the auction times.
- Auctions are published in due time before the start of the respective auction.

### FCFS (First Come First Served):

- Possibility for TSOs to market some of their capacity at network access points (e.g. end customers, production and storage) on an FCFS basis via PRISMA



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### Ascending clock auctions for long-term products (yearly, quarterly, monthly)

- Auctions have (multiple) bidding rounds:  
The actual number of bidding rounds that are necessary until an allocation of the available capacity is possible depends on the course of the auction.
- A bid for a certain amount of capacity at a given price can be submitted in each bidding round.
- The duration of the first bidding round is three hours, all following bidding rounds are one hour.
- The price steps are set by the TSOs.

### Uniform price auctions for short-term products (day-ahead)

- Auctions have one single bidding round.
- A Shipper can place up to 10 bids per auction.
- All bids are evaluated in a descending order according to their surcharge.
- The lowest surcharge of all successful bids is considered the clearing surcharge.



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# Primary Capacity Auctions at PRISMA

## Auction Times



Product	Frequency of auctions	Number of products per auction	Publication of available capacity	Start of the auction	Bidding rounds	Notification of allocation results to participants	Auction type
<b>Auction calendar for firm capacity</b>							
<b>Year</b>	annual	Y1 to Y15	1 month before the start of the auction*	1st Monday of March	First round 3h: 09:00 - 12:00  Following rounds: 13:00 - 14:00 15:00 - 16:00 17:00 - 18:00	no later than the next business day***	Ascending clock auction
<b>Quarter</b>		Q1 to Q4	2 weeks before the start of the auction*	1st Monday of June			
<b>Month</b>	monthly	M1	1 week before the start of the auction*	3rd Monday			
<b>Day</b>	daily	D1	16:30	16:30	16:30 - 17:00	no later than 30 minutes***	Uniform price auction
<b>Auction calendar for interruptible capacity</b>							
<b>Y, Q, M</b>	see above	see above	Day after the auction of the respective firm capacity ended**	Day after the auction of the respective firm capacity ended*	see above	no later than the next business day***	Ascending clock auction
<b>Day</b>	daily	D1	At the start of the auction	17:30	17:30 - 18:00	no later than 30 minutes***	Uniform price auction

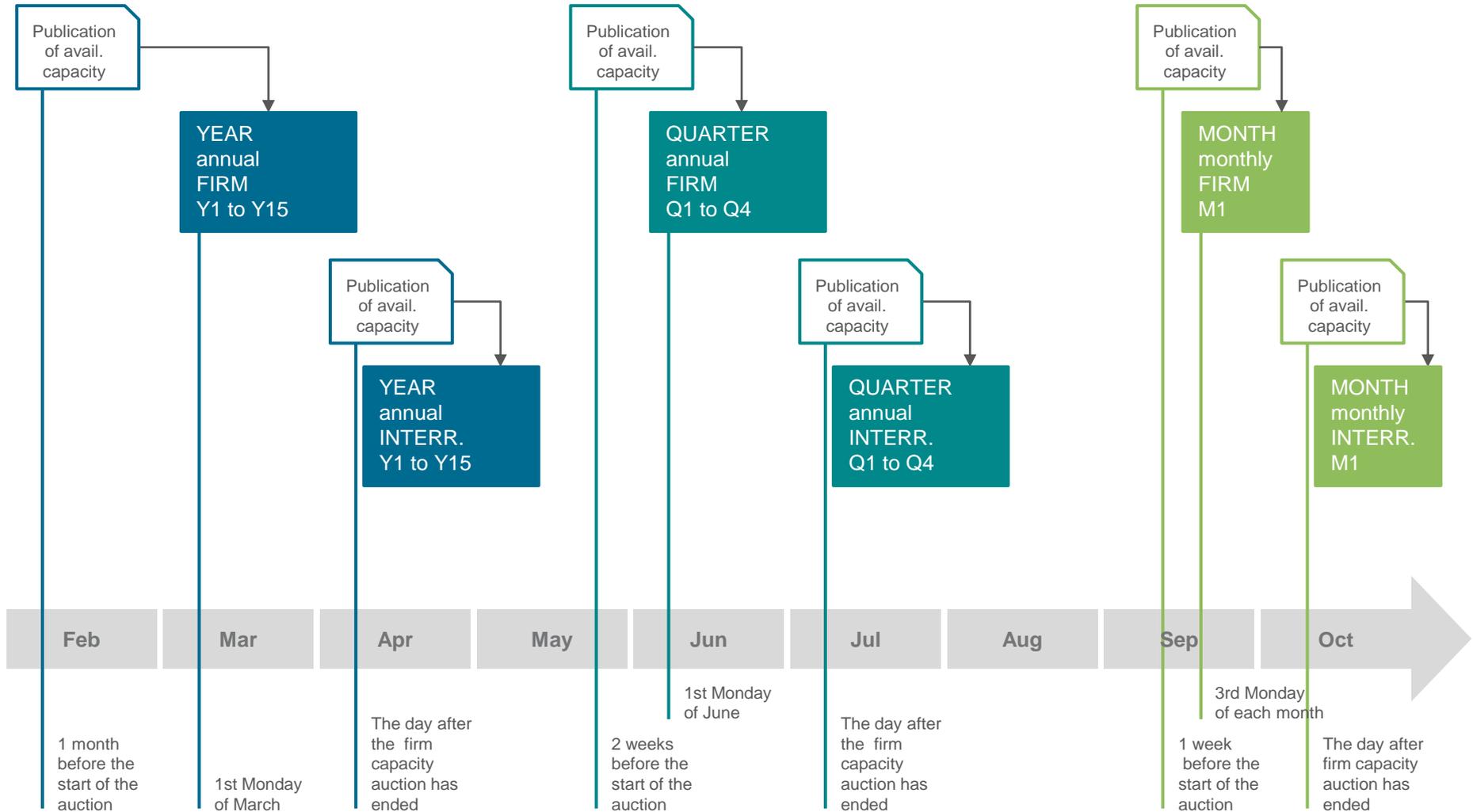
\*09:00

\*\*07:00

\*\*\*after end of bidding round

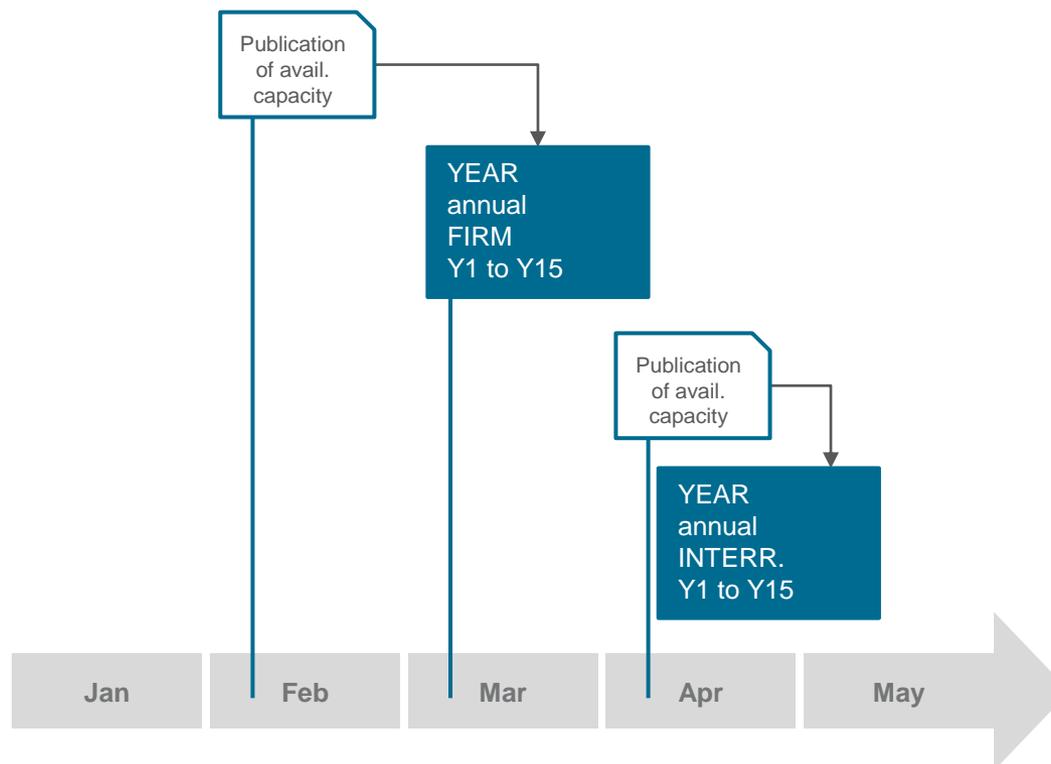
Please note that all of the above times refer to the Central European (Summer) Time (CE(S)T).

# Primary Capacity Auctions at PRISMA Timeline Overview



# Primary Capacity Auctions at PRISMA

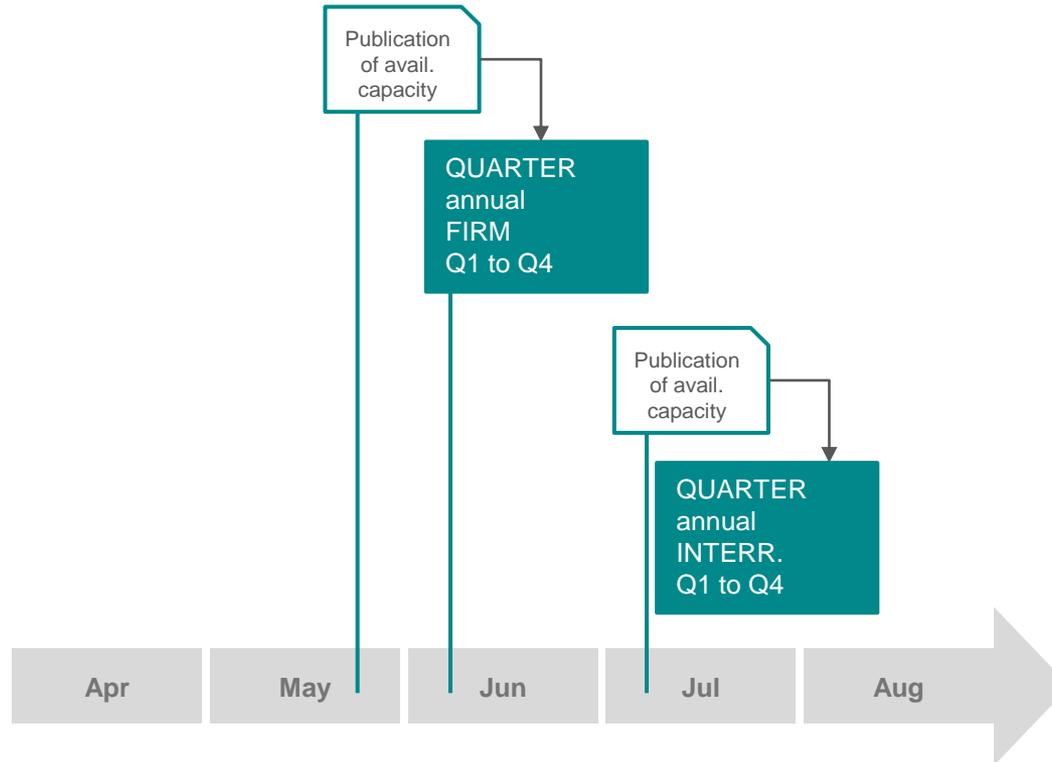
## Timeline Yearly Products



Parameter	Calendar Entry	Valid for:
Publication	FIRM: 1 month before the start of the auction at 09:00h CE(S)T INTERRUPTIBLE: Day after the auction of the respective firm capacity ended at 07:00h CE(S)T	All yearly auctions
Start of auction	FIRM: First Monday of March at 09:00h CE(S)T every year INTERRUPTIBLE: Day after the auction of the respective firm capacity ended at 09:00h CE(S)T	Y1 to Y15

# Primary Capacity Auctions at PRISMA

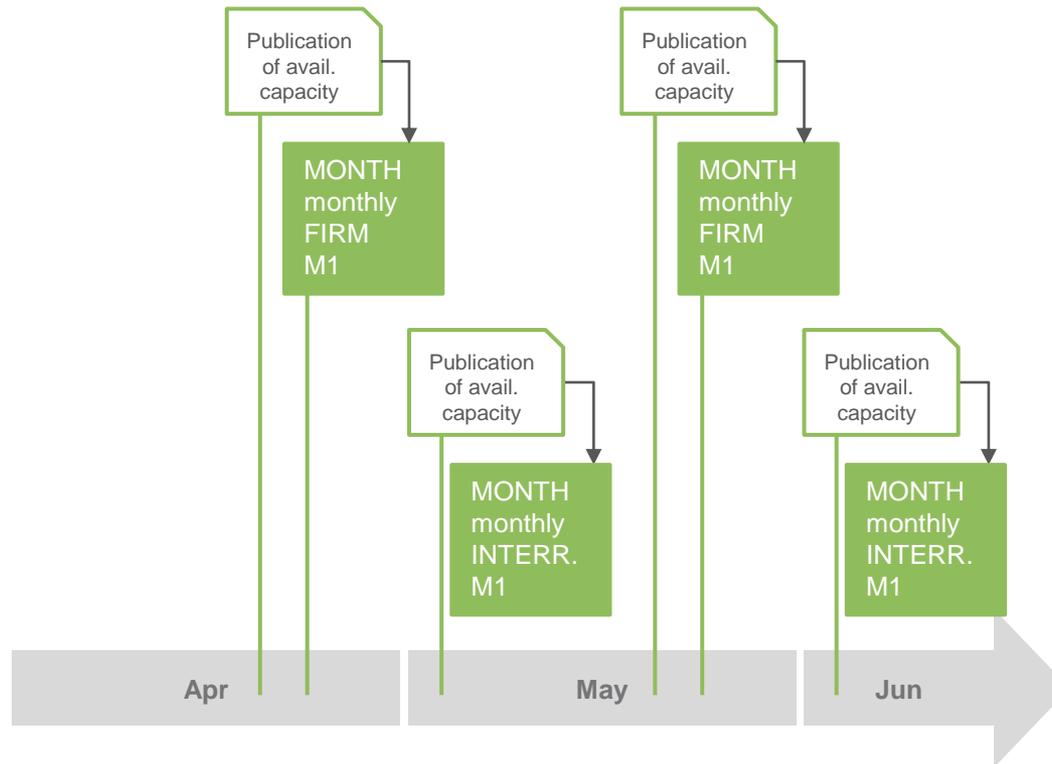
## Timeline Quarterly Products



Parameter	Calendar Entry	Valid for:
<b>Publication</b>	FIRM: 2 weeks before the start of the auction at 09:00h CE(S)T INTERRUPTIBLE: Day after the auction of the respective firm capacity ended at 07:00h CE(S)T	All quarterly auctions
<b>Start of auction</b>	FIRM: First Monday of June at 09:00h CE(S)T every year INTERRUPTIBLE: Day after the auction of the respective firm capacity ended at 09:00h CE(S)T	Y1 to Y15

# Primary Capacity Auctions at PRISMA

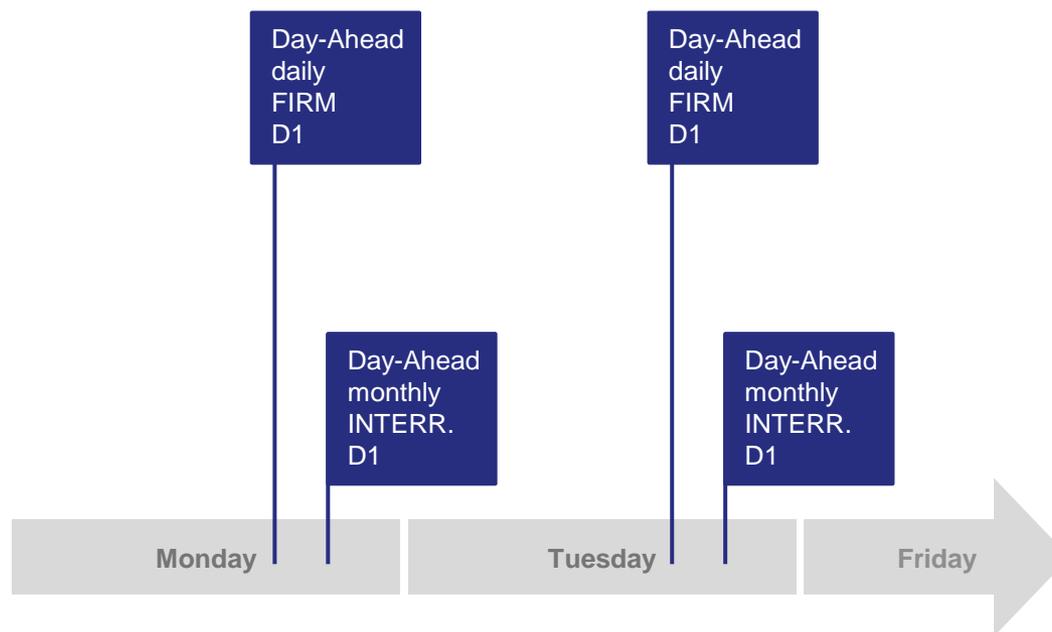
## Timeline Monthly Products



Parameter	Calendar Entry	Valid for:
<b>Publication</b>	FIRM: 1 weeks before the start of the auction at 09:00h CE(S)T INTERRUPTIBLE: Day after the auction of the respective firm capacity ended at 07:00h CE(S)T	All monthly auctions
<b>Start of auction</b>	FIRM: 3 <sup>rd</sup> Monday of each month at 09:00h CE(S)T INTERRUPTIBLE: Day after the auction of the respective firm capacity ended at 09:00h CE(S)T	M1

# Primary Capacity Auctions at PRISMA

## Timeline Day-Ahead Products



Parameter	Calendar Entry	Valid for:
<b>Publication</b>	FIRM: On the day of the auction at 16:30h CE(S)T INTERRUPTIBLE: On the day of the auction at 17:30h CE(S)T	D1
<b>Start of auction</b>	FIRM: On the day of the auction at 16:30h CE(S)T INTERRUPTIBLE: On the day of the auction at 17:30h CE(S)T	D1

# Primary Capacity Auctions at PRISMA

## Time table for the auction bidding rounds



### Year / Quarter / Month

#### **Day 1:**

09:00 - 12:00	1 <sup>st</sup> bidding round
12:00 - 13:00	processing and publishing
13:00 - 14:00	2 <sup>nd</sup> bidding round
14:00 - 15:00	processing and publishing
15:00 - 16:00	3 <sup>rd</sup> bidding round
16:00 - 17:00	processing and publishing
17:00 - 18:00	4 <sup>th</sup> bidding round

#### **Day 2 and following:**

09:00 - 10:00	5 <sup>th</sup> bidding round
10:00 - 11:00	processing and publishing
11:00 - 12:00	6 <sup>th</sup> bidding round
...	
...	
...	
17:00 - 18:00	n <sup>th</sup> bidding round

### Day-Ahead

#### **Day 1:**

16:30 - 17:00      **only one** bidding round

- Single step approach
- Up to 10 additive bids can be placed
- Fill-or-kill procedure subject to minimum amount condition
- Pro-rata allocation in case of equally ranked bids
- All successful bids are allocated with the same surcharge

# Primary Capacity Auctions at PRISMA

## Auction Calendar



**Customer Centre**

About PRISMA | **Auction Calendar** | Registered Shippers | Download | News | FAQs | Contact

**Auction Calendar** ?

Day **Month** Quarter Year

Release Date	Auction Start	Product Runtime
09.06.2014, 09:00	16.06.2014, 09:00	▶ Show Runtime
14.07.2014, 09:00	21.07.2014, 09:00	▼ Show Runtime
01.08.2014, 06:00 - 01.09.2014, 06:00		
11.08.2014, 09:00	18.08.2014, 09:00	▶ Show Runtime
08.09.2014, 09:00	15.09.2014, 09:00	▶ Show Runtime
13.10.2014, 09:00	20.10.2014, 09:00	▶ Show Runtime

- The auction calendar is published in the section “Customer Centre”
- Each product type has an individual auction calendar which provides information about the date and time of publication and start of the auction.



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# How to start booking capacity at PRISMA

## Starting the booking process via the network information overview (1/3)



- The network information overview can be found in the section „Network Information“

**Search for a Network point**

Market Area: [Dropdown] Transmission System Operator (TSO): [Dropdown]

Capacity Category:  FZK  bFZK  BZK  DZK

Flow Direction:  Entry  Exit

Interruptibility:  Firm  Interruptible

Type of Gas:  L-gas  H-gas

Bundle:  Bundled  Not Bundled

Buttons: Check All Search

Network Point ID	Network Point Name	Capacity Category	Marketing Transmission System Operator (TSO)	Market Area	Type of Gas	Direction	Action
9064	Aarbergen	FZK, FZK (unterbrechbar)	Open Grid Europe GmbH	NetConnect Germany	H-gas	Exit	[Action]
52	Ahlten	FZK, FZK (unterbrechbar)	Nowega GmbH	GASPOOL	L-gas	Exit	[Action]
3818	Ahlten	FZK, FZK (unterbrechbar)	Open Grid Europe GmbH	NetConnect Germany	H-gas	Exit	[Action]
3818A	Ahlten	FZK, FZK (unterbrechbar)	Open Grid Europe GmbH	NetConnect Germany	H-gas	Exit	[Action]
652	Ahlten (Reverse)	FZK, FZK (unterbrechbar)	Nowega GmbH	GASPOOL	L-gas	Exit	[Action]
3818 (Ahlten)	Ahlten	FZK, FZK (unterbrechbar)	Nowega GmbH Open Grid Europe GmbH	NetConnect Germany	H-gas	Exit	[Action]

**Search for network points according to certain criteria**

**Displays the different possible actions that are available at a specific network point**

- Auctions at this network point
- Place order template
- FCFS-Booking request for this network point
- View details

# How to start booking capacity at PRISMA

## Starting the booking process via the network information overview (2/3)



- The network information overview contains detailed information about available network points. These are for example:
  - TSO that markets the interconnection point including their GTCs
  - Name of the interconnection point
  - Price components: regulated tariff, price for measuring stations etc.
  - Gas type (H-gas, L-gas)
  - Market area
  - Entry or exit
  
- Depending on the type of the network point, it is shown if there are any auctions available. Both auctions or alternative FCFS bookings can be started from here.

# How to start booking capacity at PRISMA

## Detailed screen of the network information overview (3/3)



Open Grid Europe The Gas Wheel Open Grid Europe GmbH

**Details**

Network point name	Aarbergen
Network point type	Grid Access Point
Market area	NetConnect Germany
Flow direction	Exit
Type of gas	H-gas
Calorific value	
Compulsory nomination	no
Marketing TSO	Open Grid Europe GmbH
Biogas	no
Position easting	8.066
Position northing	50.245

[Regulated capacity tariff](#) 0.00843 €/kWh/h/d

Biogas redistribution levy 0.00071 €/kWh/h/d

Billing fee 0.00006 €/kWh/h/d

**Links**

[Marketer terms](#)

**Available Capacity Categories**

FZK (unterbrechbar)  
FZK

- When you select an interconnection point all details of this point are displayed.
- In case of a bundled interconnection point a link will guide you to the two involved unbundled interconnection points.

# How to start the booking process

## Starting the booking process from the Auction Overview (1/3)



- In the auction overview all closed auctions that have been executed on the PRISMA platform and all future auctions that have already been published are listed.

The screenshot shows the 'Auction Overview' page with a navigation bar at the top containing 'AUCTIONS', 'BOOKINGS', 'NETWORK INFORMATION', and 'CUSTOMER CENTRE'. Below the navigation bar, there are tabs for 'Current', 'Future', 'Past', and 'Intermediate Results', along with a 'Show More Filters' button and a '?' icon. The main area is a table with columns: Auction ID, Status, Next Deadline, Start of Auction, Network Point, Marketable Capacity, Regulated Capacity Tariff, Surchage, Product Runtime, Product, Capacity Category, TSO, Direction, Type of Gas, and Action. The table lists several auctions with their respective details. At the bottom, there is a 'Symbol Legend' section with icons for different auction types and statuses, and a 'Save as a PDF' button.

**Choice of further filters in order to limit the amount of displayed auctions.**

**The overview can be changed using different viewing options e.g. sorting or filtering.**

**A legend that describes the used icons can be found at the bottom of the page.**

Auction ID	Status	Next Deadline	Start of Auction	Network Point	Marketable Capacity	Regulated Capacity Tariff	Surchage	Product Runtime	Product	Capacity Category	TSO	Direction	Type of Gas	Action
32769	●		Aug 30, 2011 8:00 AM	Überackern (ZAAA)	2,572,682 kWh/h	0.01260274 €/kWh/h	0.00 ct/kWh/h/Runtime	01.10.2011 06:00 - 01.01.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Entry	H-gas	⚙️
32771	●		Aug 30, 2011 8:00 AM	Überackern (ZAAA)	262,650 kWh/h	0.01260274 €/kWh/h	0.00 ct/kWh/h/Runtime	01.10.2011 06:00 - 01.01.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Exit	H-gas	⚙️
32772	●		Aug 30, 2011 8:00 AM	Redrod I (1NLC)	981,793 kWh/h	0.5469589 €/kWh/h	0.00 ct/kWh/h/Runtime	01.10.2011 06:00 - 01.01.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Exit	H-gas	⚙️
32773	●		Aug 30, 2011 8:00 AM	Bunde (1632)	2,780,645 kWh/h	0.5469589 €/kWh/h	0.00 ct/kWh/h/Runtime	01.10.2011 06:00 - 01.01.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Exit	H-gas	⚙️
32774	●		Aug 30, 2011 8:00 AM	Olbernhau II (2730)	2,373,750 kWh/h	0.5469589 €/kWh/h	0.00 ct/kWh/h/Runtime	01.10.2011 06:00 - 01.01.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Exit	H-gas	⚙️
32775	●		Aug 30, 2011 8:00 AM	Überackern (ZAAA)	2,572,682 kWh/h	0.01243169 €/kWh/h	0.00 ct/kWh/h/Runtime	01.01.2012 06:00 - 01.04.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Entry	H-gas	⚙️
32776	●		Aug 30, 2011 8:00 AM	Bunde (1632)	2,780,645 kWh/h	0.53953552 €/kWh/h	0.00 ct/kWh/h/Runtime	01.01.2012 06:00 - 01.04.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Exit	H-gas	⚙️
32785	●		Aug 30, 2011 8:00 AM	Olbernhau II (2730)	2,373,750 kWh/h	0.53953552 €/kWh/h	0.00 ct/kWh/h/Runtime	01.01.2012 06:00 - 01.04.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Exit	H-gas	⚙️
32786	●		Aug 30, 2011 8:00 AM	Redrod I (1NLC)	981,793 kWh/h	0.53953552 €/kWh/h	0.00 ct/kWh/h/Runtime	01.01.2012 06:00 - 01.04.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Exit	H-gas	⚙️
32788	●		Aug 30, 2011 8:00 AM	Überackern (ZAAA)	352,650 kWh/h	0.01243169 €/kWh/h	0.00 ct/kWh/h/Runtime	01.01.2012 06:00 - 01.04.2012 06:00	Q	FZK	GASCADE Gastransport GmbH	Exit	H-gas	⚙️

Total 22,083 | Number of search results per page 10 20 50 100

1 2 ... 2209

Save as a PDF

**Symbol Legend**

- 📄 Auction with My Company's Bids
- 📄 Auctions Being Watched
- 📄 Concurring Capacity
- 📄 Bundled Capacity
- Past auctions
- ✕ Cancelled auctions
- Future Auctions
- 🔍 Bids window larger than 99
- Current Natural Gas Auction, inactive
- Current Natural Gas Auction, active
- Natural Gas Day-Ahead Auction

The numbers in the auction symbols show the current bid window.

# How to start the booking process

## Details Screen of the Auction Overview (2/3)



**Auction 458753**

**Auction Information**

Start of Auction	Jan 21, 2013 2:00 PM
Marketable Capacity	100 kWh/h
Auction Start Price	ct/kWh/h/Runtime

**Product Details**

Network point	BTC-BP-1-Exit
Market Area	NetConnect Germany
Transmission System Operator (TSO)	BTC AG
Product Runtime	22.01.2013 06:00 - 23.01.2013 06:00
Type	Natural Gas
Direction	Exit
Type of Gas	H-gas
Capacity Category	FZK
Marketable Capacity	100 kWh/h
Regulated Capacity Tariff	0.30 ct/kWh/h/Runtime

[Show All fees](#)

[Back to auction overview](#)

[Watch this auction](#) [Submit New Bid](#) [Comfort Functions](#) [Save as a PDF](#)

**Information about the current status of the auction**

**Overview of tariff components**

**Submit new bid**

- The action “View Auction” shows you all details and relevant data for the selected auction.
- You can open the screen to submit a bid from this detailed view or from the auction overview.

# How to start the booking process

## Details Screen of the Auction Overview (3/3)



The unit for the regulated tariff can be per product runtime, per day, or per year.

The unit for the other price components can be per product runtime, per day, per year or non-performance related (e.g. per invoice)!

Regulated Capacity Tariff	0.30	ct/kWh/h/Runtime
Measuring Fee	2.00	ct/kWh/h/Runtime
Biogas redistribution levy	2.00	ct/kWh/h/Runtime
Measuring Operations Fee	1.00	ct/kWh/h/Runtime
Billing Fee	1.00	ct/kWh/h/Runtime

[Hide All Fees](#) ▲

- Please note that the unit for the different price components for an auction product may vary from TSO to TSO!

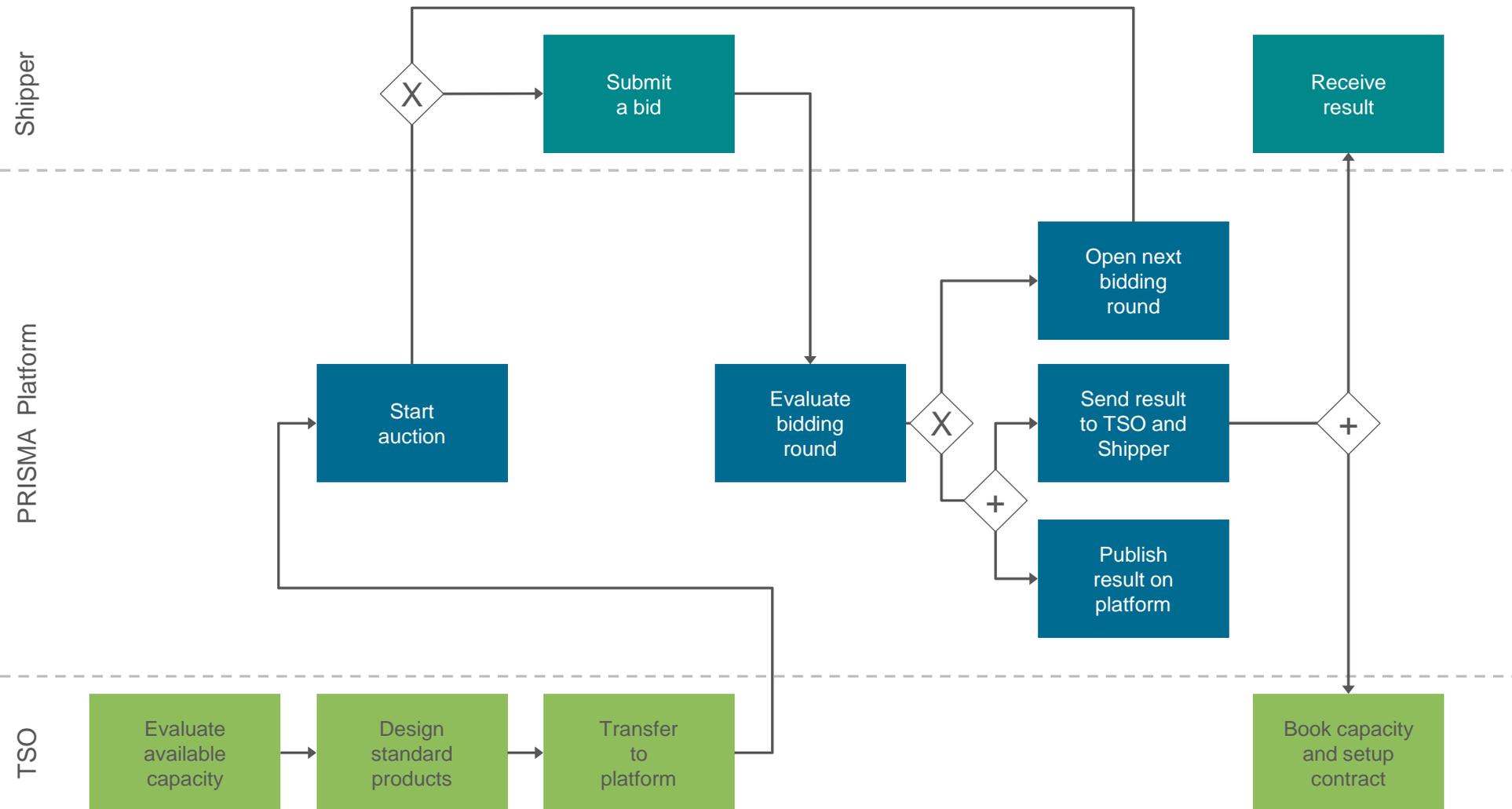


- Background and Status of PRISMA
- Registering at PRISMA
- Primary Capacity Bidding at PRISMA
- **PRISMA Auction Mechanisms**
  - Ascending Clock Auctions
    - Example 1: Clearance after first bidding round
    - Example 2: Oversell after first bidding round
    - Example 3: Undersell after third bidding round
  - Uniform Price Auctions
  - Bundled Auctions
- Additional Features
- Secondary Trading at PRISMA
- My PRISMA



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# Ascending Clock Auctions Process Chart

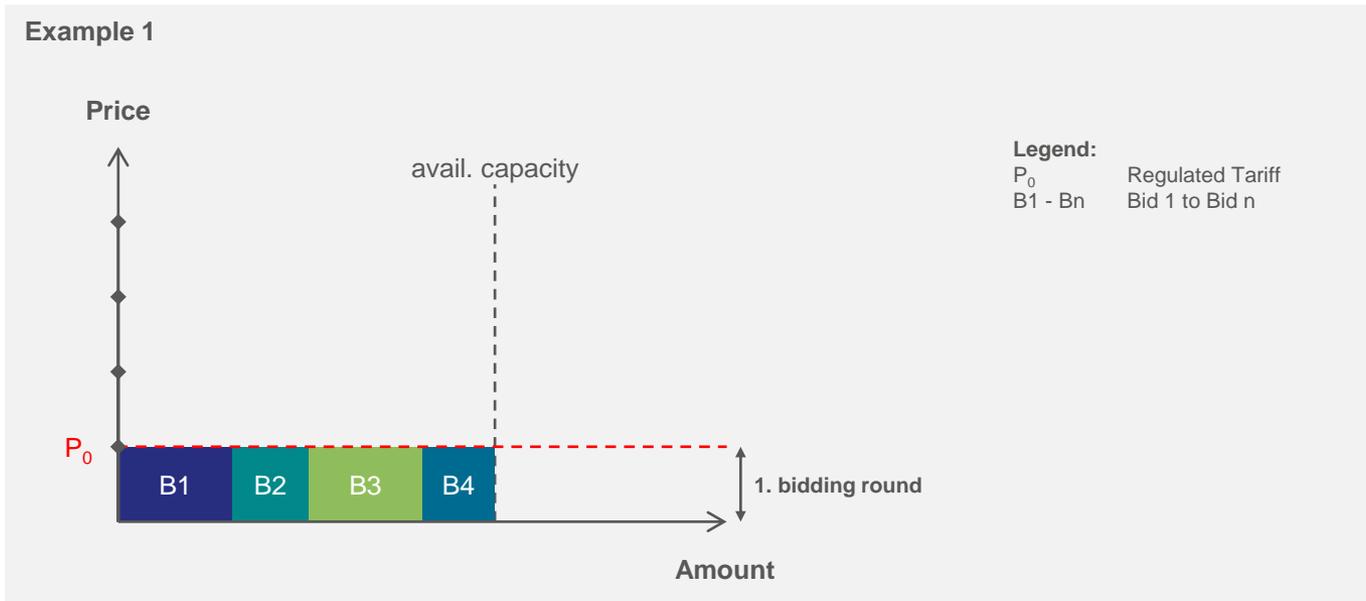




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# Ascending Clock Auctions

## Clearance after first bidding round (Undersell)



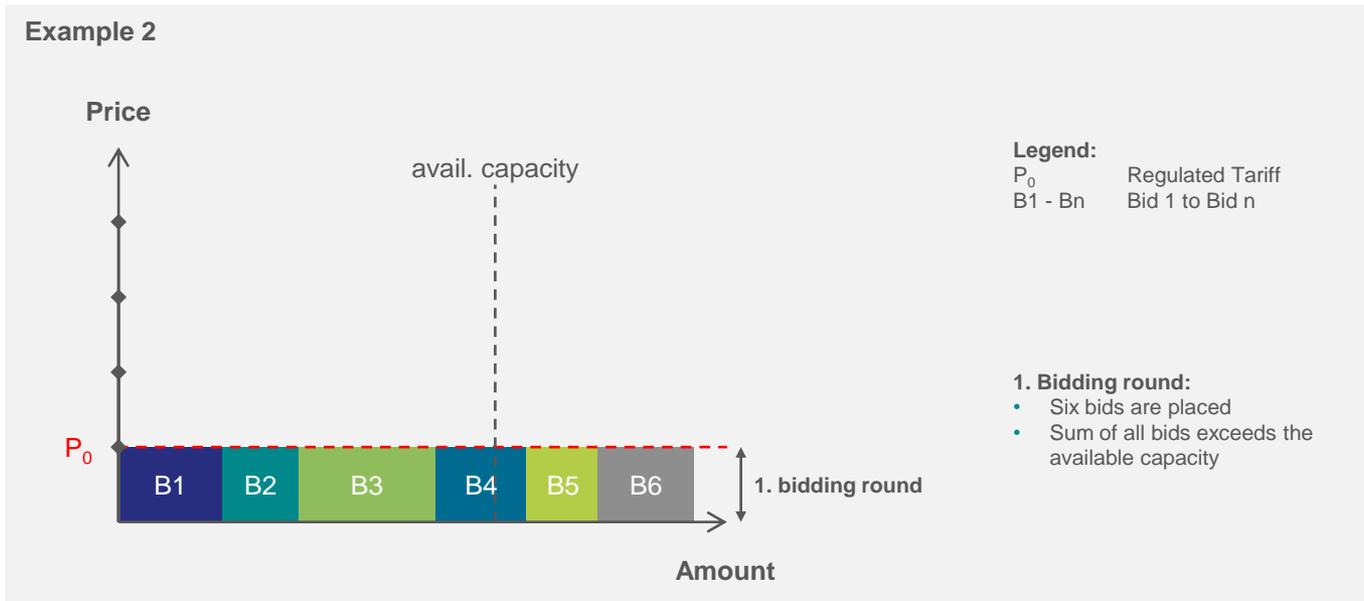
- In auctions a given amount of capacity is offered with predefined price steps
- A bid can be placed for a certain amount of capacity at a given price
- All auctions start at the regulated tariff (RT) in the first bidding round
- If necessary additional price steps are applied in the following bidding rounds
- If the sum of all placed bids in the first bidding round is lower (undersell) or equal to the available capacity the auction is closed after the first bidding round and the capacity is allocated



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# Ascending Clock Auctions

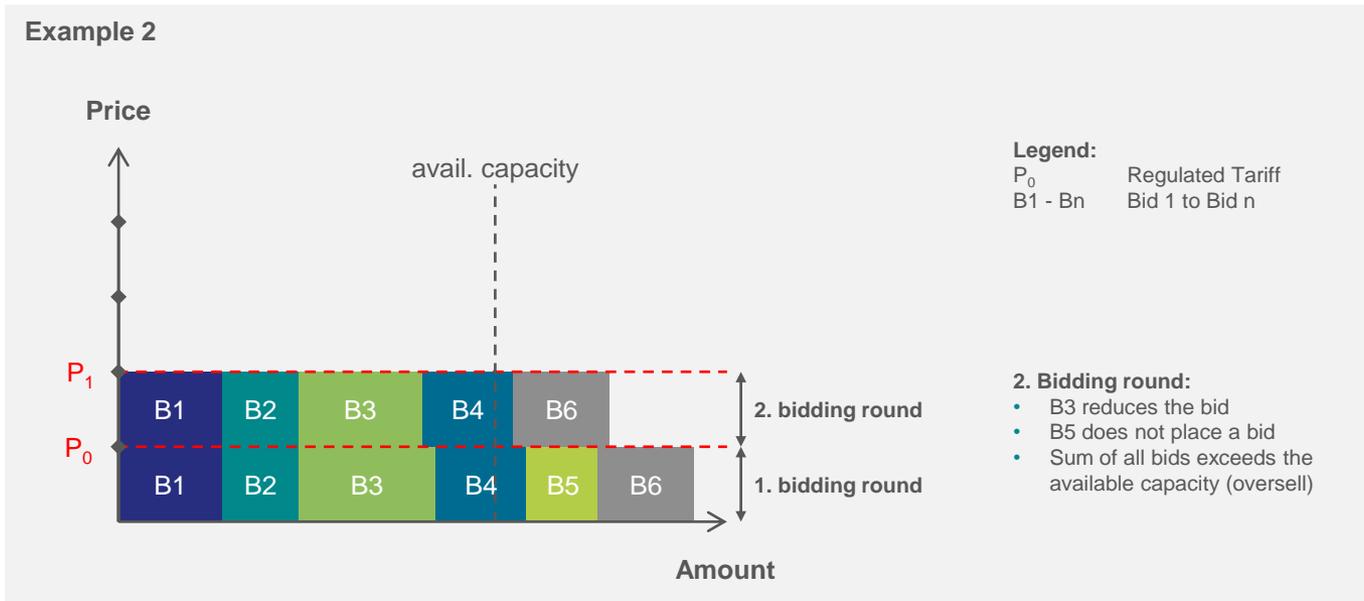
## Oversell after first bidding round



- If the sum of all placed bids in the first bidding round is higher to the available capacity (oversell) the auction continues with the next bidding round
- A large price step is applied and bids can be placed for a certain amount at the new price  $P_1$  (regulated tariff plus large price step)
- The amount of the bid has to be equal or lower to the bid in the previous bidding round

# Ascending Clock Auctions

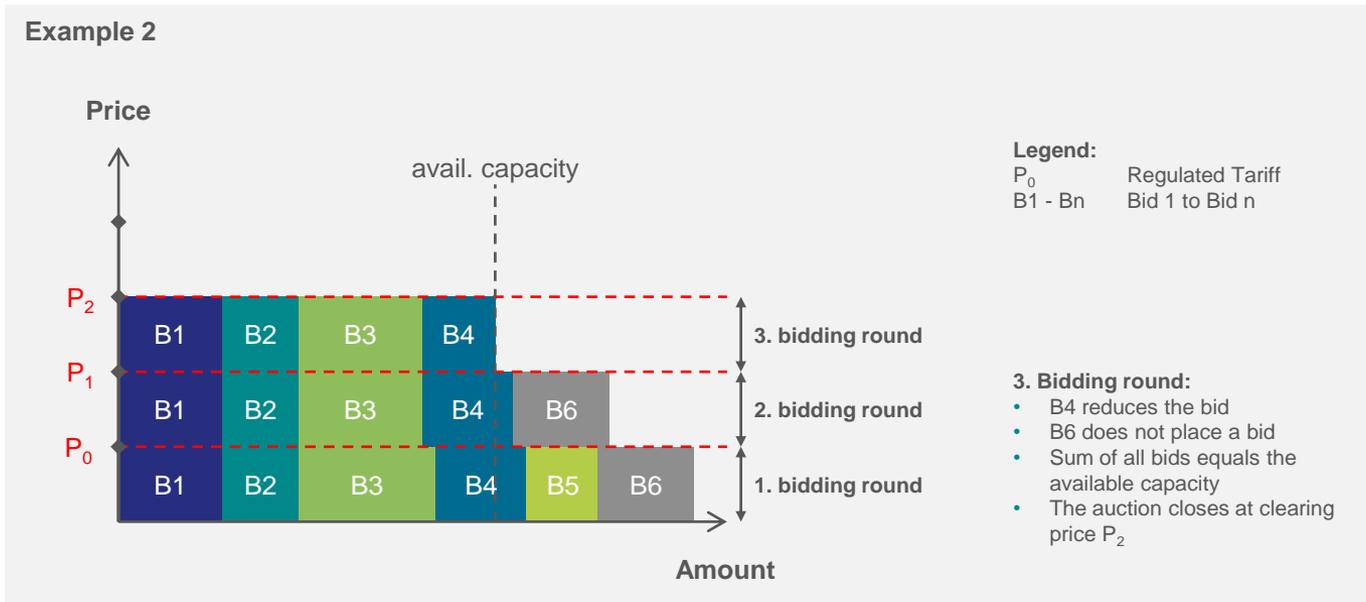
## Oversell after first bidding round



- If the sum of all placed bids in the second bidding round is higher to the available capacity (oversell) the auction continues with the next bidding round
- A large price step is applied and bids can be placed for a certain amount at the new price  $P_2$  (regulated tariff plus two large price steps)
- The amount of the bid has to be equal or lower to the bid in the previous bidding round

# Ascending Clock Auctions

## Oversell after first bidding round



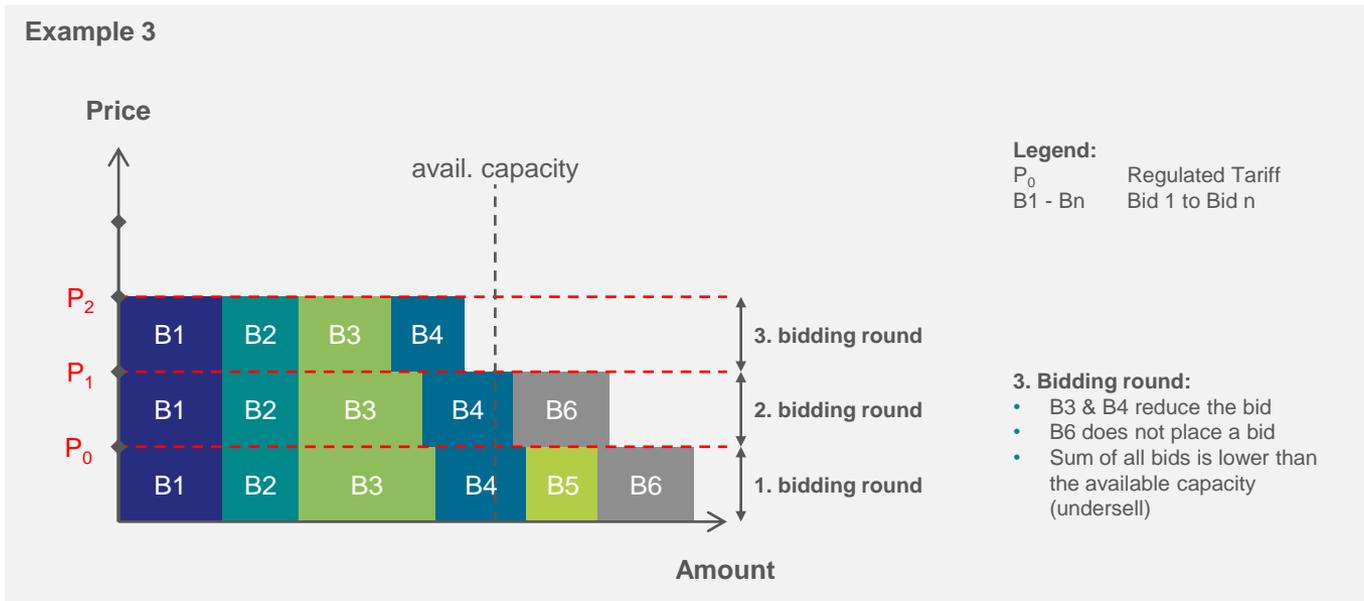
- If the sum of all placed bids in the bidding round is equal to the available capacity the auction closes and the capacity is allocated
- The clearing price of the auction is  $P_2$  (Regulated Tariff + 2 large price steps)



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# Ascending Clock Auctions

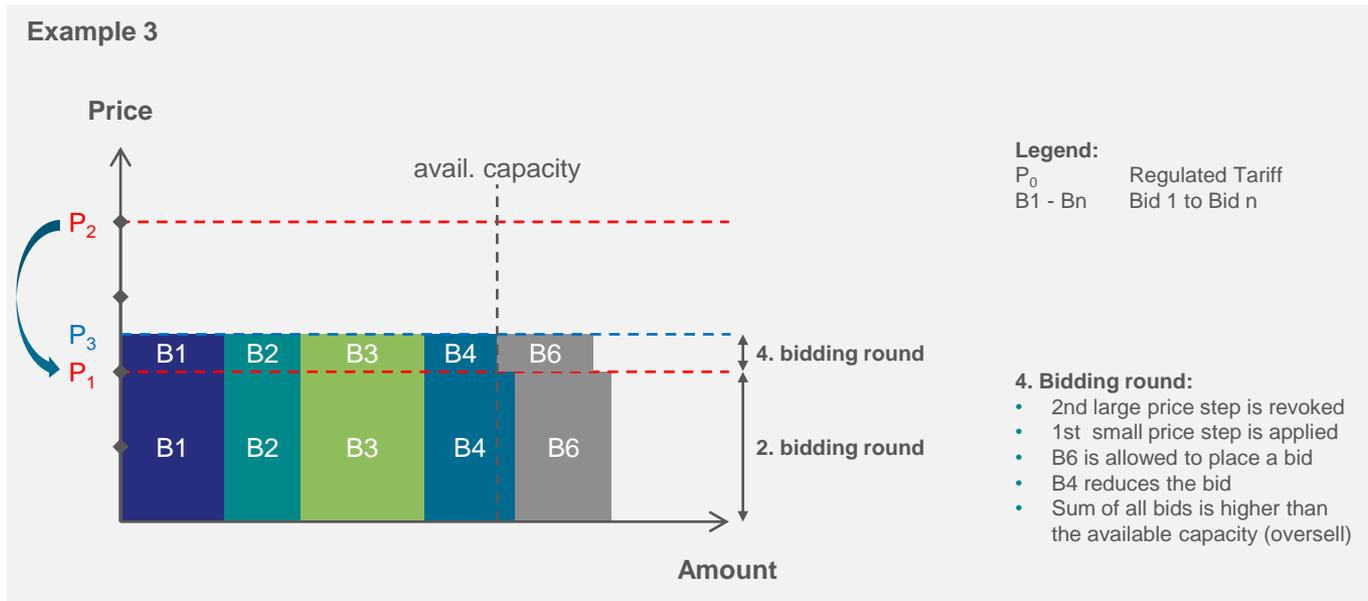
## Undersell after third bidding round



- If the sum of all placed bids in the bidding round is lower than the available capacity (undersell) the auction continues with the next bidding round
- The undersell suggests that the price (regulated tariff + two large price steps) is too high, therefore the second large price step is revoked
- Instead a small price step is applied in the next bidding round and bids can be placed for a certain amount at the new price  $P_3$  (regulated tariff plus one large and one small price step)
- The amount of the bid has to be equal or lower to the bid in the second bidding round and equal or higher than in the third bidding round (at the same time)

# Ascending Clock Auctions

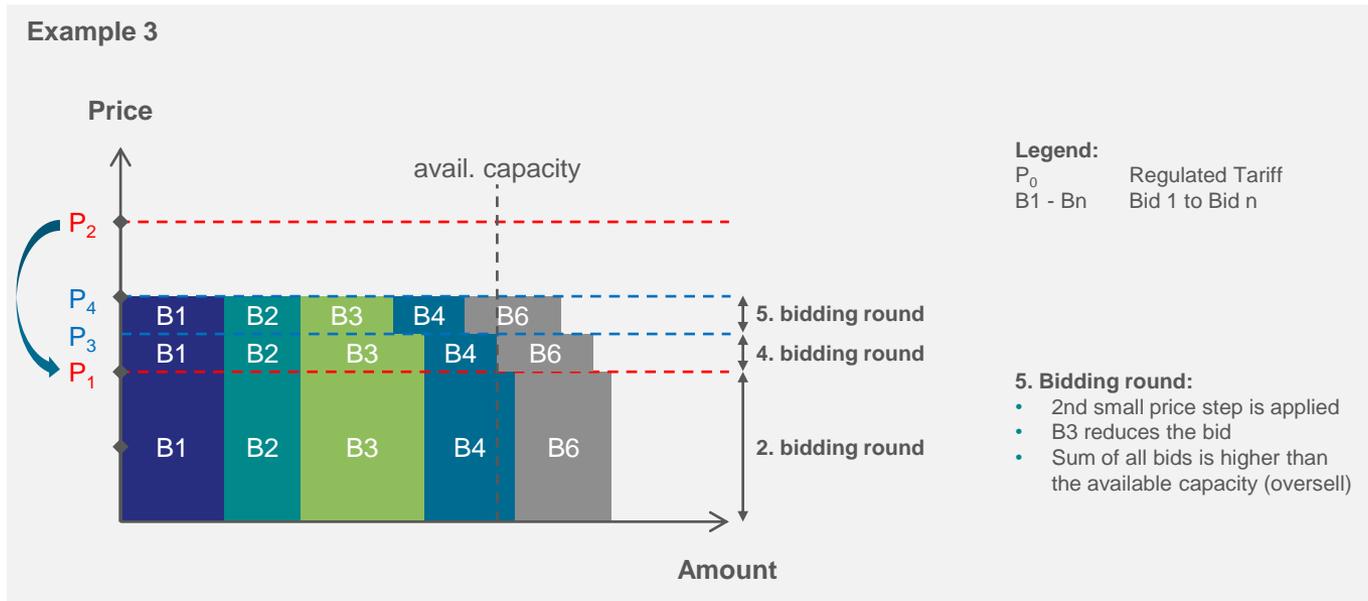
## Undersell after third bidding round



- If the sum of all placed bids in the bidding round is higher than the available capacity (oversell) the auction continues with the next bidding round
- The second small price step is applied and bids can be placed for a certain amount at the new price  $P_4$  (regulated tariff plus one large and two small price steps)
- The amount of the bid has to be equal or lower than the bid in the previous bidding round (in this case the fourth bidding round) and equal or higher than the bid in the last bidding round with a large price step (in this case third bidding round) at the same time

# Ascending Clock Auctions

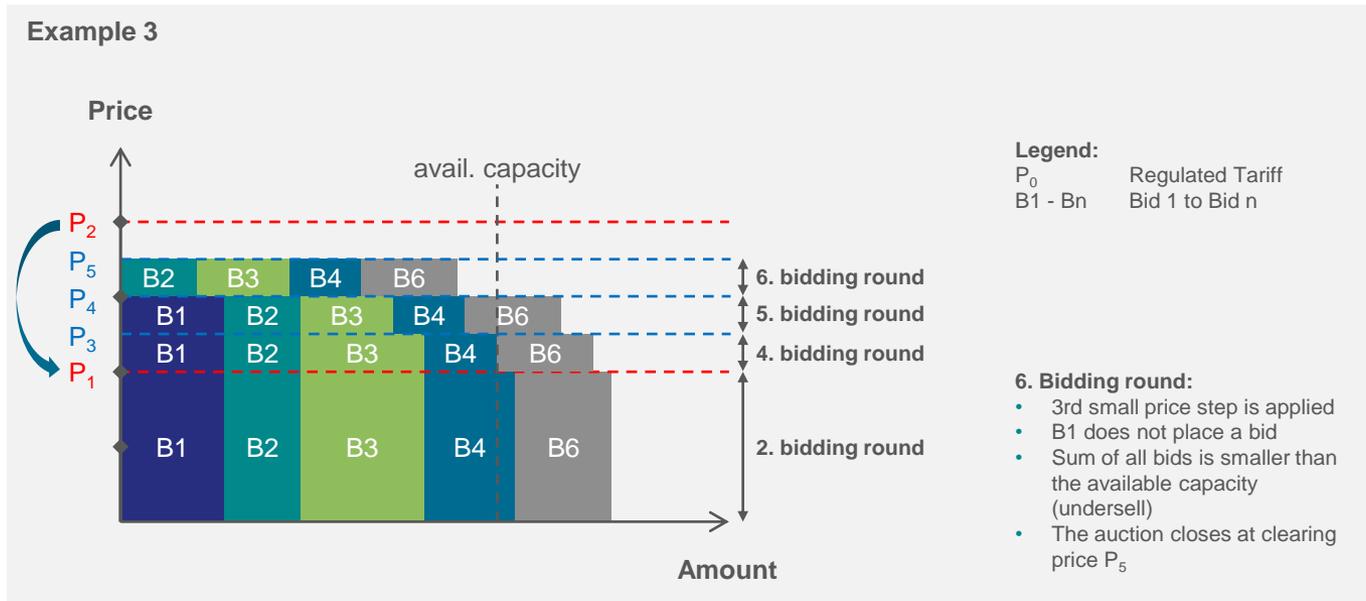
## Undersell after third bidding round



- If the sum of all placed bids in the bidding round is higher than the available capacity (oversell) the auction continues with the next bidding round
- The third small price step is applied and bids can be placed for a certain amount at the new price  $P_5$  (regulated tariff plus one large and three small price steps)
- The amount of the bid has to be equal or lower to the bid in the previous bidding round (in this case the fifth bidding round) and equal or higher than the bid in the last bidding round with a large price step (in this case third bidding round) at the same time

# Ascending Clock Auctions

## Undersell after third bidding round



- If the sum of all placed bids in the bidding round is lower to the available capacity (undersell) the auction closes and the capacity is allocated
- The clearing price of the auction is  $P_5$  (regulated tariff plus one large and three small price steps)

# Ascending Clock Auctions

## Platform view: Price steps



Capacity product	Large price steps € ct/kWh/h/runtime	Small price steps € ct/kWh/h/runtime
Yearly product	10	2
Quarterly product	2,5	0,5
Monthly product	1	0,2

The auction surcharge is always be shown in cent per kWh/h/product runtime

Surcharge to Starting Price	20	ct/kWh/h/Runtime
Regulated Capacity Tariff	0.451178	€/kWh/h/Runtime
Measuring Fee	0.000728	€/kWh/h/Runtime
Billing Fee	0.005733	€/kWh/h/Runtime

Example of possible price steps

- The auction surcharge is shown from the 1<sup>st</sup> bidding round onwards and is an additional charge to the regulated tariff.
- Depending on the auctioning situation the surcharge can occur in two different types: large and small price steps.
- A small price step is by default 1/5 of the large price step. TSOs may change the ratio if required.
- The price steps may vary depending on product and country\*.

\* price steps are defined by the national regulators

# Ascending Clock Auctions

## Platform view: Submitting a bid – the 1<sup>st</sup> bidding round



The screenshot shows the 'Auction 4' submission page. At the top, there is a header 'Auction 4' with a help icon. Below it, a message states: 'The Auction Details may be seen again here.' The main section is titled 'Submit New Bid' and contains the following elements:

- Bid \*:** A text input field followed by 'kWh/h'. A callout box points to this field with the text: 'Enter the bid for a capacity quantity at the regulated tariff; The sum of all bids of a user must not exceed the available capacity'.
- Desired balancing group:** A dropdown menu with the text 'Select Balancing Group/ Sub-Bal'. A callout box points to this dropdown with the text: 'Enter a balancing group or a portfolio code if required by the TSO(s)'.
- Accept the GTCs:** A checkbox labeled 'I hereby accept the transmission system operators GTCs.' A callout box points to this checkbox with the text: 'Accept the GTCs of the TSO'.

At the bottom of the form, there is a 'Submit the bid' button. A callout box points to this button with the text: 'Submit the bid'. Other buttons at the bottom include 'Overview', 'Bid Now', and 'Save as a PDF'.

**Auction Short Info:**

Marketable Capacity	403
Minimum Bids (kWh/h)	1
<b>Surcharge to Starting Price (ct/kWh/h/Runtime)</b>	
	0.00000000
<b>Regulated Capacity Tariff (ct/kWh/h/d)</b>	
	0.34000000
<b>Measuring Fee (Cent)</b>	
	5.00000000
<b>Measuring Operations Fee (€)</b>	
	1.00000000
<b>Billing Fee (ct/kWh/h)</b>	
	1.00000000

**Notice:** Auction information

**Help and Tips:**

- [User Documentation](#)
- [FAQ](#)

**Information for this booking:**

The capacity at cross-border points can not be assigned to a biogas balancing group.

- In order to submit a bid you can open a screen from the auction overview as well as from the auction details screen.
- To participate in an auction you have to place a bid in the first bidding round. Participating at a later bidding round is not possible.

# Ascending Clock Auctions

## Platform view: Editing or cancelling your bids



**Bids**

		Bid Quantity (kWh)	Max. trans. quantity (kWh/h)	
1	My Companys Bids in Window			
557058	Marcus Wadewitz 23.01.2013, 12:32	5,000		Change Withdraw

5,000

Possibility to edit or withdraw a bid

- Every bid placed on PRISMA can be edited or withdrawn as long as the bidding round is still open
- Editing or cancelling bids can be done in the auction details of the respective auction

# Ascending Clock Auctions

## Platform view: End of the 1<sup>st</sup> bidding round



### Details of 1<sup>st</sup> bidding round

- If the evaluation of the bidding round shows that the capacity demand is smaller than or equals the available capacity the auction ends at the regulated tariff and the bids are allocated.
  - You will get the information about the allocation by email.
  - The result of the auction (the sum of all allocations) is published on PRISMA in the auction details.
- If the capacity demand is higher than the available capacity (“oversell”), the 2<sup>nd</sup> bidding round will be opened (see next slide).

# Ascending Clock Auctions

## Platform view: Further bidding round(s) in case of an oversell



**Auction 524293** ⓘ

! Because of a demand surplus a bidding window was opened 2.  
! End 23.01.2013, 15:00

**Auction Information**

Start of Auction: Jan 23, 2013 12:00 PM  
Marketable Capacity: 50,000 kWh/h

**sum of the previous bidding windows**

sum of the requested capacities (kWh/h): 55,000  
Surcharge to Starting Price (ct/kWh/h/Runtime): 0

**Product Details**

Network point: BTC-BP-4-Exit ↔ BTC-PL-BP-4-Entry  
Market Area: NetConnect Germany ↔ GASPOOL  
Transmission System Operator (TSO): BTC AG ↔ ETC Business Technology  
Product Runtime: 01.02.2013 06:00 - 01.03.2013 06:00 M  
Type: Natural Gas  
Direction: Exit/Entry

**Bids**

1 My Company's Bids in Window		Bid Quantity (kWh/h)	Max. Name quantity (kWh/h)	
524294	Thilo Kassen 23.01.2013, 13:39	50,000		
		50,000		

2 My Company's Bids in Window		Bid Quantity (kWh/h)	Max. Name quantity (kWh/h)	
524294	Thilo Kassen 23.01.2013, 14:21	50,000		Change Withdraw
		50,000		

Information about the current bidding round and the oversell situation

Shows the sum of the demanded capacity from the previous bidding round

Shows bids placed by all of a shipper's users including the bidding time and quantity

- If an 'oversell' occurs, a next bidding round is opened.
- The surcharge that is added to the regulated tariff equals a large price step.
- The sum of the bids of the prior bidding round will be displayed.
- At the bottom of the page all bids of any user of the shipper from the previous or the current bidding round are displayed.

# Ascending Clock Auctions

Platform view: Submitting a bid from the 2<sup>nd</sup> bidding round – Large price steps



**2 Auction 524294**

! The [Auction Details](#) may be seen again here.

**Submit New Bid**

Your Bid from bid window 1.  kWh/h

Maximal Bid  kWh/h

Bid \*  kWh/h

Bid for conversion from interruptible to firm capacity

As a default value for the new bid the quantity of the previous bid is displayed.

- From the 2<sup>nd</sup> bidding round, the capacity quantity of the previous bid can be viewed while placing the next bid.
- You may decrease your quantity bid in later rounds but cannot increase your quantity bid at a later stage.

# Ascending Clock Auctions

Platform view: Submitting a bid in further rounds in case of a small price step



**4 Auction 524293**

! The [Auction Details](#) may be seen again here.

**Submit New Bid**

Your Bid from bid window	5,000 kWh/h
4.	
Minimal Bid	4,000 kWh/h
Maximal Bid	5,000 kWh/h
Bid *	5,000 kWh/h

- If the demanded capacity is smaller than the available capacity an “undersell” appears.
- In such a case a new bidding round with a small price step is opened and a small price step is added to the surcharge of the previous bidding round (the last big price step).
- In the bidding round with the small price step the quantity bid of the shipper can only range between the amount placed in the last two big price steps.

# Ascending Clock Auctions

## Platform view: Auction close



**Auction 625506 Auction Ended**

! The auction was ended successfully after bidding window no. 4.

### Auction Information

Start of Auction	Aug 14, 2012 8:00 AM
Marketable Capacity	100,291 kWh/h
Marketed Capacity	100,291 kWh/h

---

Surcharge to Starting Price	7.5 ct/kWh/h/Runtime
Regulated Capacity Tariff	0.739772 €/kWh/h/Runtime

### Product Details

Network point	<a href="#">NORDLOHNE</a>
Market Area	GASPOOL
Transmission System Operator (TSO)	<a href="#">Gasunie Deutschland Transport Service</a>
Product Runtime	01.10.2012 06:00 - 01.01.2013 06:00
Type	Natural Gas
Direction	Exit
Type of Gas	L-gas
Capacity Category	FZK
Marketable Capacity	100,291 kWh/h

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Surcharge to Starting Price	7.5 ct/kWh/h/Runtime
Regulated Capacity Tariff	0.739772 €/kWh/h/Runtime

Auction results are displayed

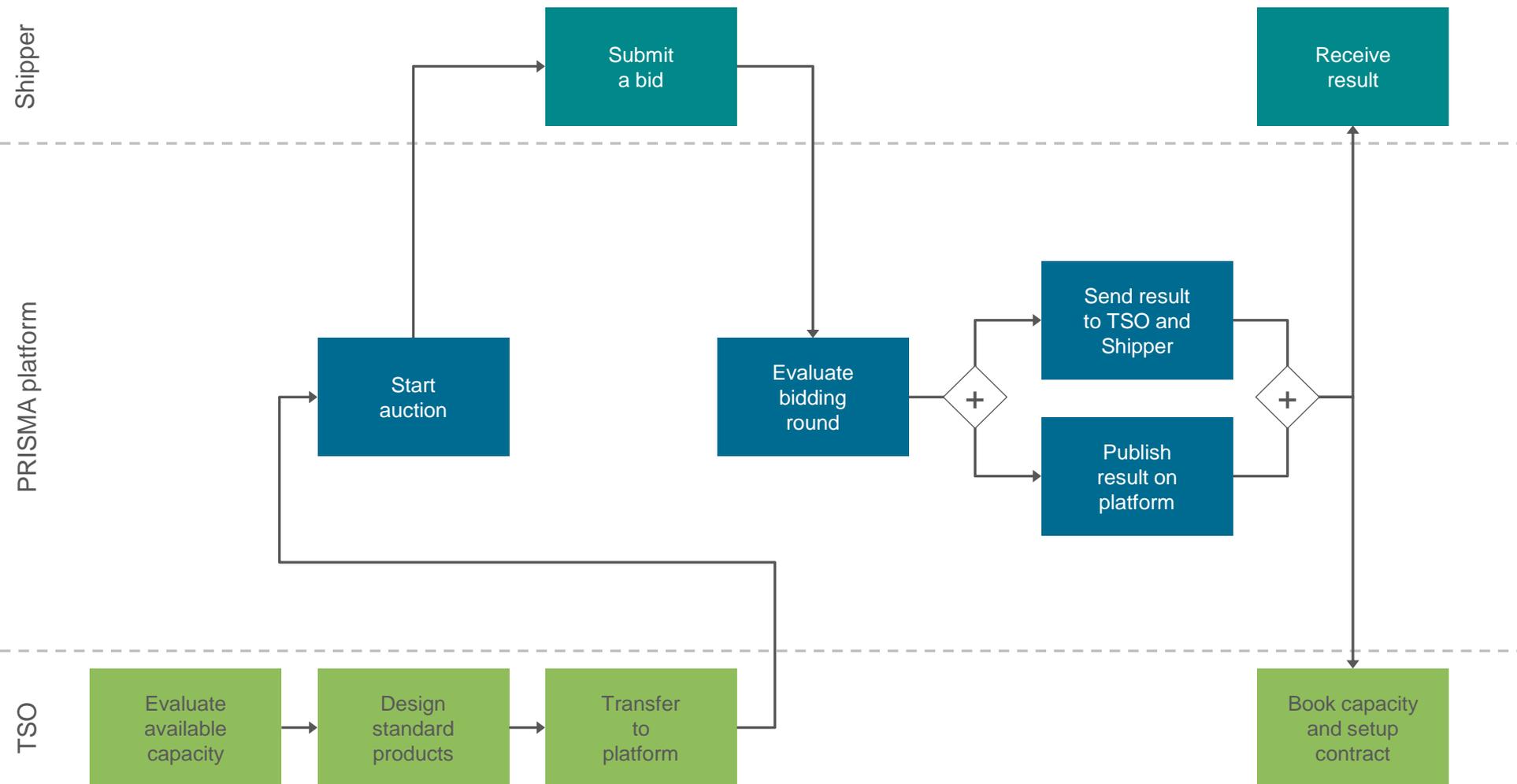
Product details are displayed

- Information about closed auctions are available in the auction overview as well as in the monthly reports provided by PRISMA in the Customer Centre.



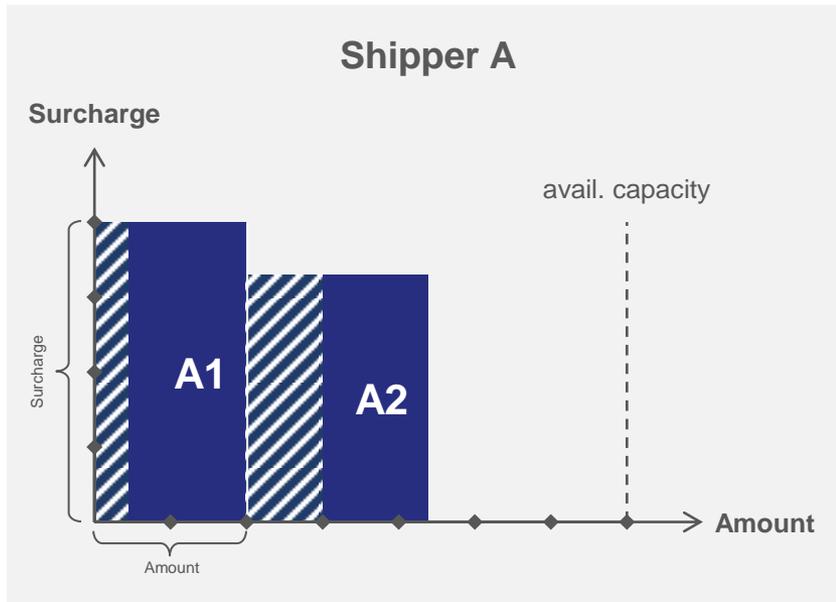
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  - **Uniform Price Auctions**
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    - Example 2: kill procedure
    - Example 3: pro-rata procedure
    - Example 4: demand lower than available capacity
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# Uniform Price Auctions Process Chart



# Uniform Price Auctions

## Placing bids



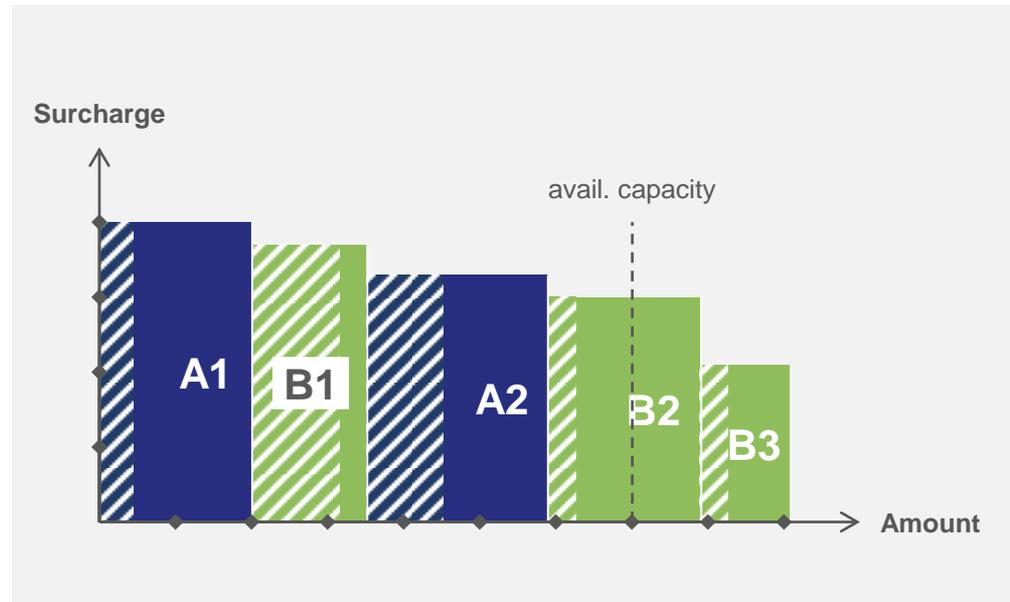
- The Shippers place their bids during the bidding round.
- Each bid contains a surcharge, a minimum amount and a maximum amount.
- Uniform price auctions only have one bidding round in which up to 10 bids (surcharge + amounts) can be placed.
- The evaluation of the placed bids and the allocation of capacity is done after the bidding round is closed.

#### Legend:

- Maximum amount Shipper 1
- Minimum amount Shipper 1
- Maximum amount Shipper 2
- Minimum amount Shipper 2

# Uniform Price Auctions

## Bid evaluation - consolidation



- After closing the bidding round all received bids are evaluated.
- The auction algorithm ranks all bids (from all Shippers) according to the surcharge of the individual bid.
- Depending on the received bids the clearing surcharge is determined by either the fill-or-kill procedure or the pro-rata procedure.

### Legend:

	Maximum amount Shipper 1		Maximum amount Shipper 2
	Minimum amount Shipper 1		Minimum amount Shipper 2



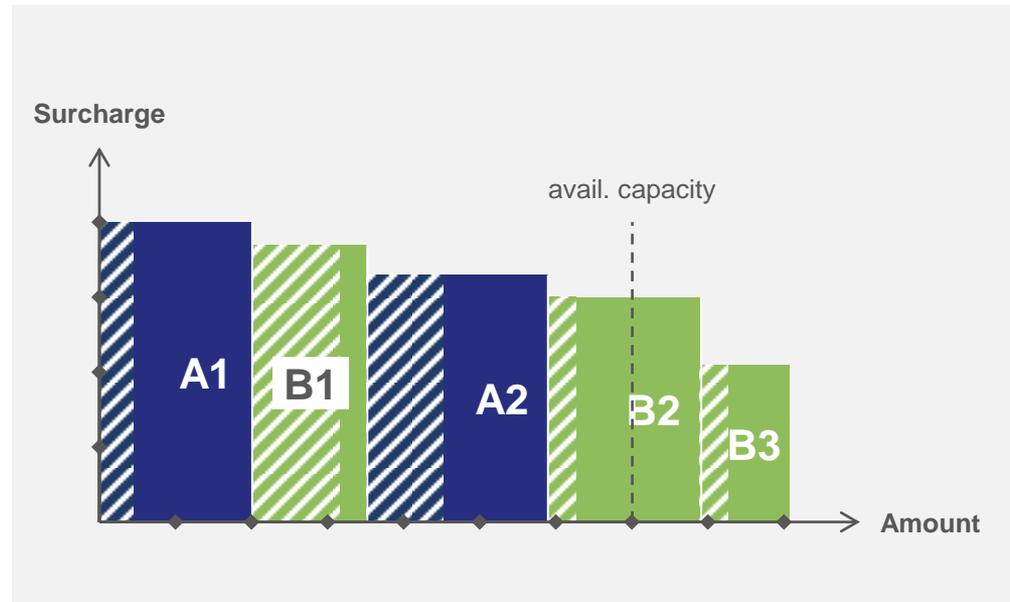
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# Uniform Price Auctions

## Bid evaluation – determination of the clearing price



### Example 1: Fill procedure



- B2 is the equilibrium bid, since the sum of the maximum amounts of A1, B1, A2 and B2 would exceed the available capacity.
- The “fill” procedure is used, because the sum of the maximum amounts of A1, B1, A2 and the minimum amount of B2 is not exceeding the available capacity.
- The clearing surcharge is set to the surcharge of B2.

#### Legend:

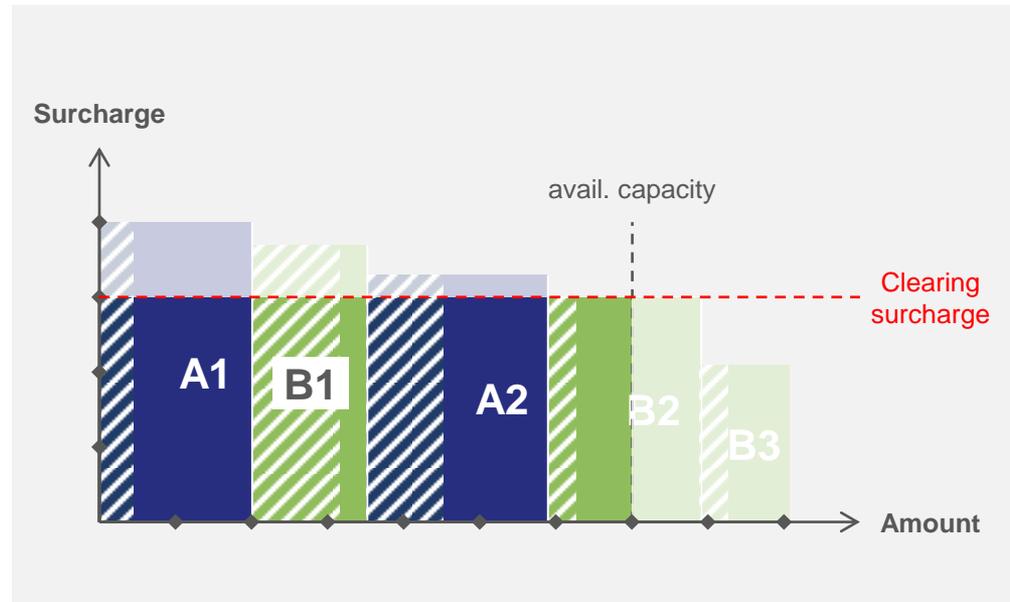
- |  |  |
|--|--|
|  Maximum amount Shipper 1 |  Maximum amount Shipper 2 |
|  Minimum amount Shipper 1 |  Minimum amount Shipper 2 |

# Uniform Price Auctions

## Bid evaluation – determination of the clearing price



### Example 1: Fill procedure



- All successful bids are allocated at the clearing surcharge.
- B2 is “filled” until the sum of the maximum amounts of A1, B1, A2 and the part of B2 equal the available capacity.

#### Legend:

- Maximum amount Shipper 1
- Maximum amount Shipper 2
- ▨ Minimum amount Shipper 1
- ▨ Minimum amount Shipper 2



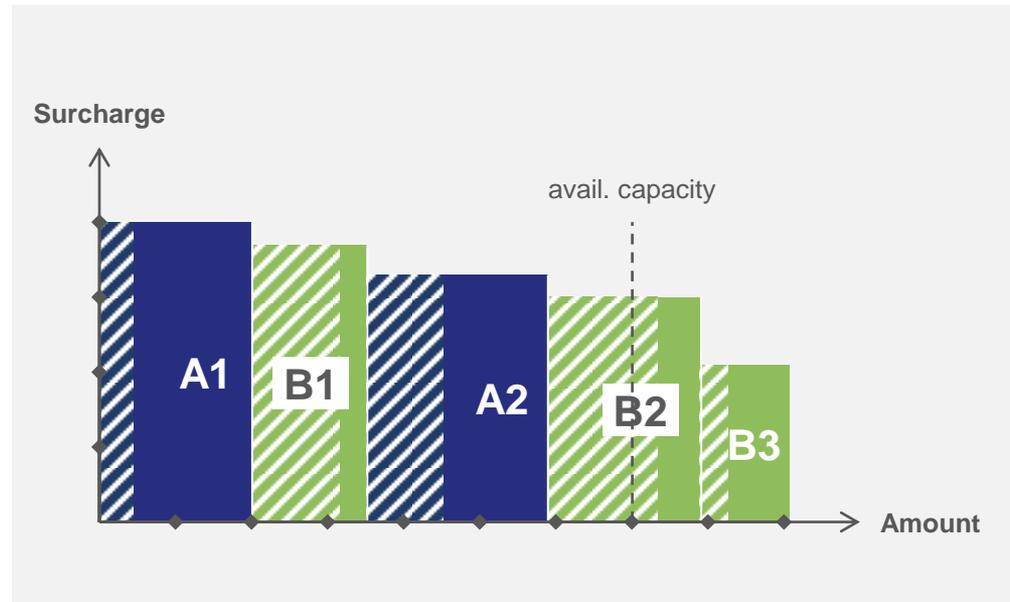
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# Uniform Price Auctions

## Bid evaluation – determination of the clearing price



### Example 2: Kill procedure



- The minimum amount of B2 exceeds the available capacity, therefore it can not be the equilibrium bid.
- B2 is taken out of the evaluation (“killed”).
- The auction algorithm looks for the next bid, which minimum amount added to the sum of A1, B1 and A2 would not exceed the available capacity.

#### Legend:

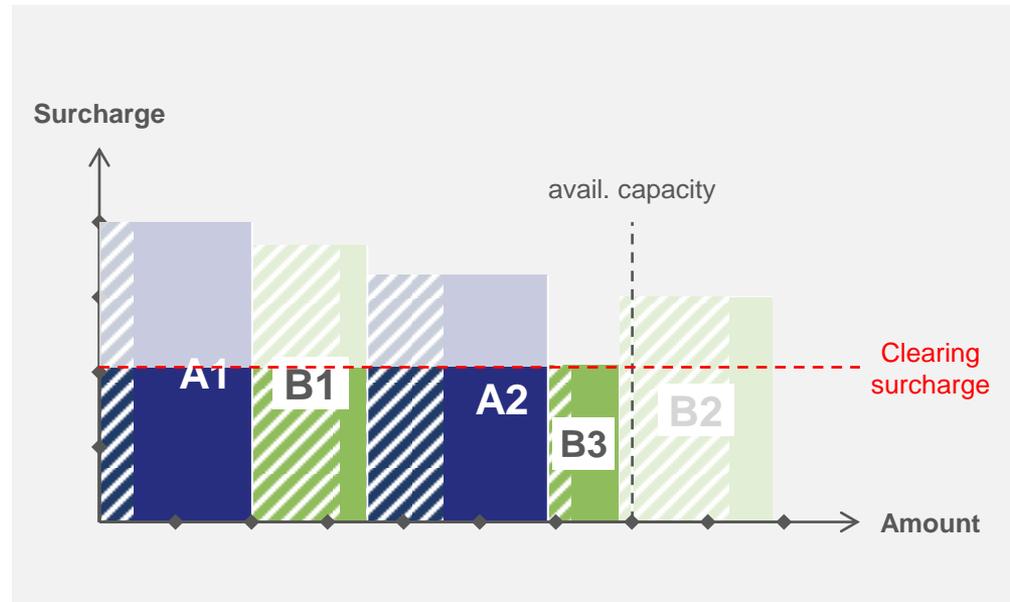
- |   |                          |   |                          |
|---|--------------------------|---|--------------------------|
|  | Maximum amount Shipper 1 |  | Maximum amount Shipper 2 |
|  | Minimum amount Shipper 1 |  | Minimum amount Shipper 2 |

# Uniform Price Auctions

## Bid evaluation – determination of the clearing price



### Example 2: Kill procedure



- B3 is the equilibrium bid, since the sum of the maximum amounts of A1, B1, A2 and B3 does not exceed the available capacity. B3 is fully allocated.
- The clearing surcharge is set to the surcharge of B3.

#### Legend:

- Maximum amount Shipper 1
- Maximum amount Shipper 2
- ▨ Minimum amount Shipper 1
- ▨ Minimum amount Shipper 2



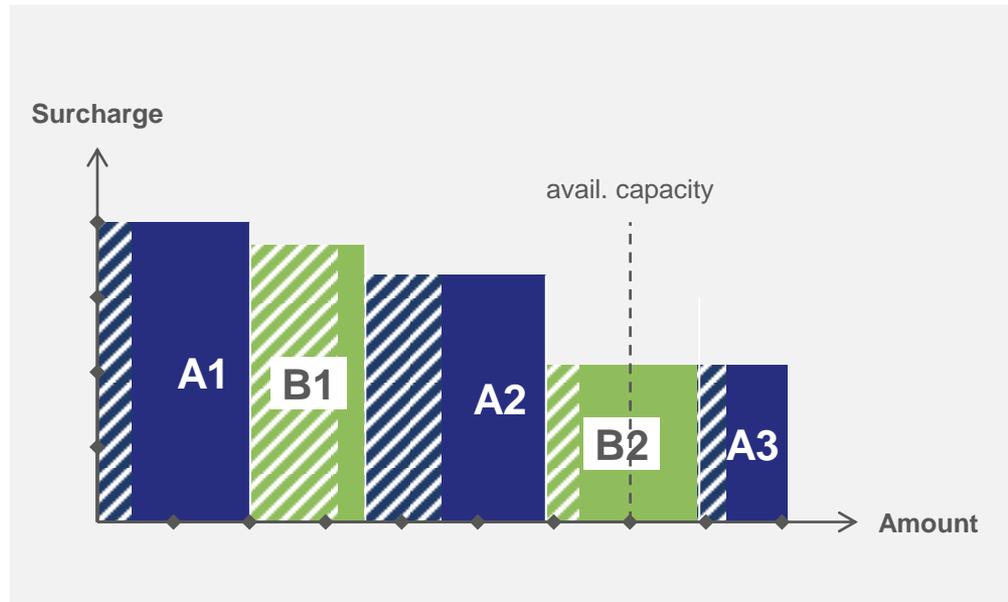
- Background and Status of PRISMA
- Registering at PRISMA
- Primary Capacity Bidding at PRISMA
- PRISMA Auction Mechanisms
  - Ascending Clock Auctions
  - Uniform Price Auctions
    - Example 1: fill procedure
    - Example 2: kill procedure
    - **Example 3: pro-rata procedure**
    - Example 4: demand lower than available capacity
  - Bundled Auctions
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# Uniform Price Auctions

## Bid evaluation – determination of the clearing price



### Example 3: Pro-rata procedure



- B2 and A3 are equally ranked bids, because they have the same surcharge.
- In this case the pro-rata procedure is used for the allocation.

#### Legend:

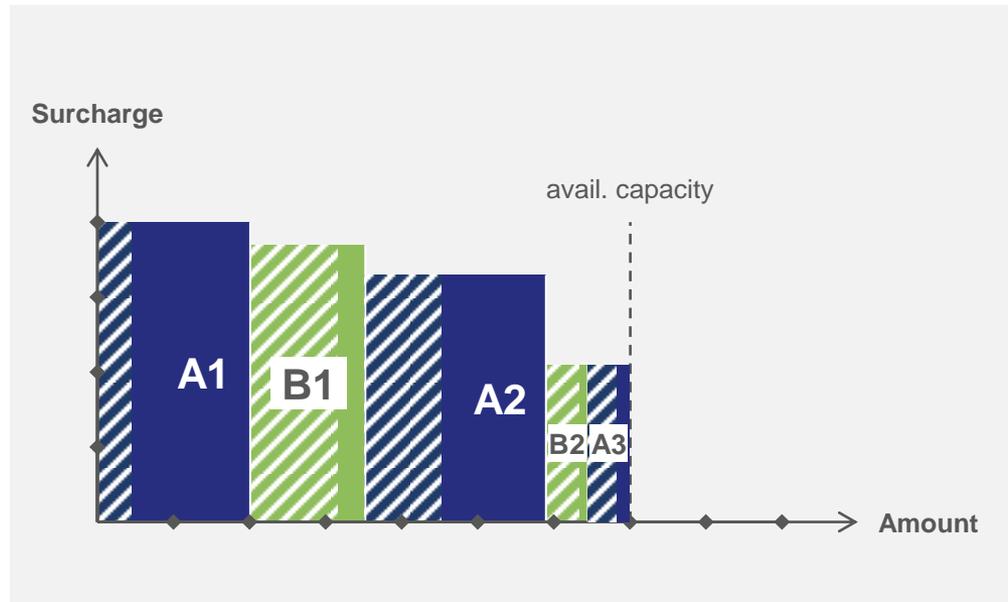
- Maximum amount Shipper 1
- Maximum amount Shipper 2
- ▨ Minimum amount Shipper 1
- ▨ Minimum amount Shipper 2

# Uniform Price Auctions

## Bid evaluation – determination of the clearing price



### Example 3: Pro-rata procedure



- B2 and A3 are allocated pro-rata as long as the minimum amount is fulfilled for both bids

#### Legend:

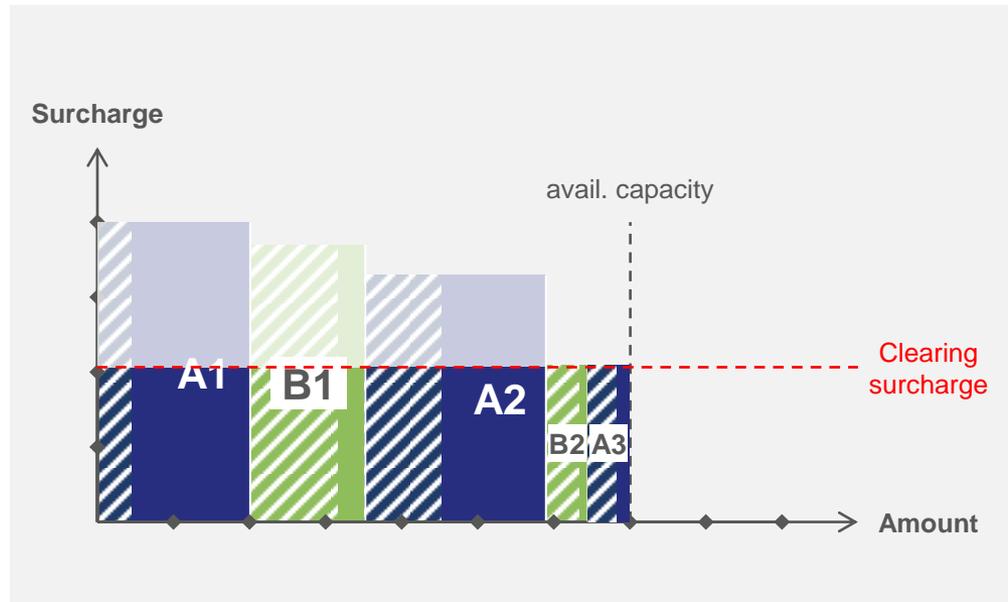
	Maximum amount Shipper 1		Maximum amount Shipper 2
	Minimum amount Shipper 1		Minimum amount Shipper 2

# Uniform Price Auctions

## Bid evaluation – determination of the clearing price



### Example 3: Pro-rata procedure



- The clearing surcharge is set to the surcharge of B2 and A3.

#### Legend:

- Maximum amount Shipper 1
- Maximum amount Shipper 2
- ▨ Minimum amount Shipper 1
- ▨ Minimum amount Shipper 2



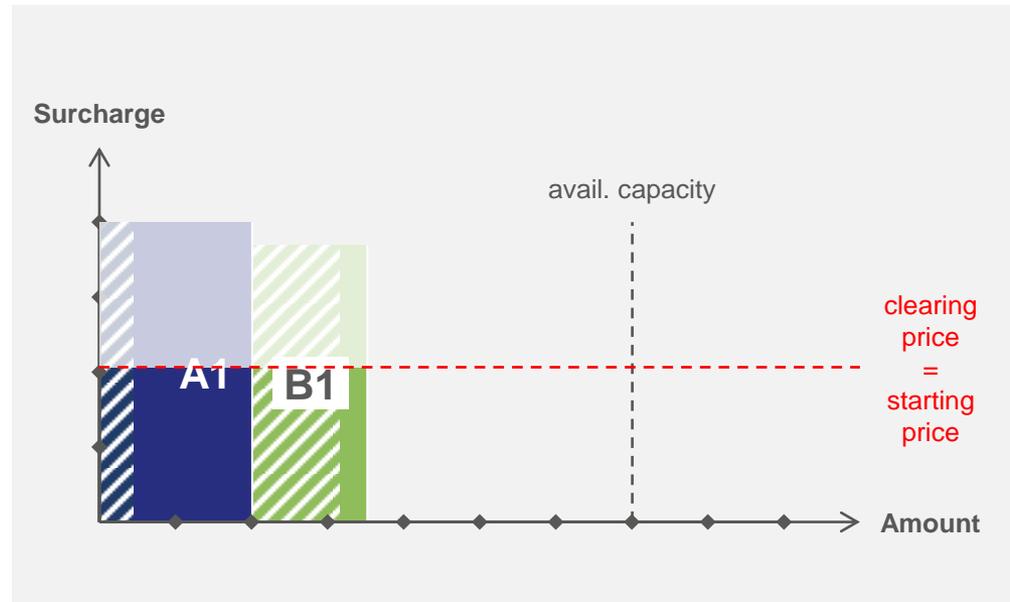
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# Uniform Price Auctions

## Bid evaluation – determination of the clearing price



### Example 4: Demand lower than available capacity



- In general the clearing surcharge equals the lowest surcharge of all successful bids.
- In case the demand is lower than the available capacity the starting price of the auction (e.g. regulated tariff) is the clearing price (no surcharge is applied).

#### Legend:

- Maximum amount Shipper 1
- Maximum amount Shipper 2
- ▨ Minimum amount Shipper 1
- ▨ Minimum amount Shipper 2

# Uniform Price Auctions

## Platform view: Details of a uniform price auction



**Auction 25**

! The [Auction Details](#) may be seen again here.

### Your Day-Ahead Bid

Start Price  ct/kWh/h/Runtime

Min \*  Max \*  ct/kWh/h/Runtime

Desired balancing group \*

Portfolio Code \*

Bid for conversion from interruptible to firm capacity

**bayernets**  
energy transport systems

Callout boxes:

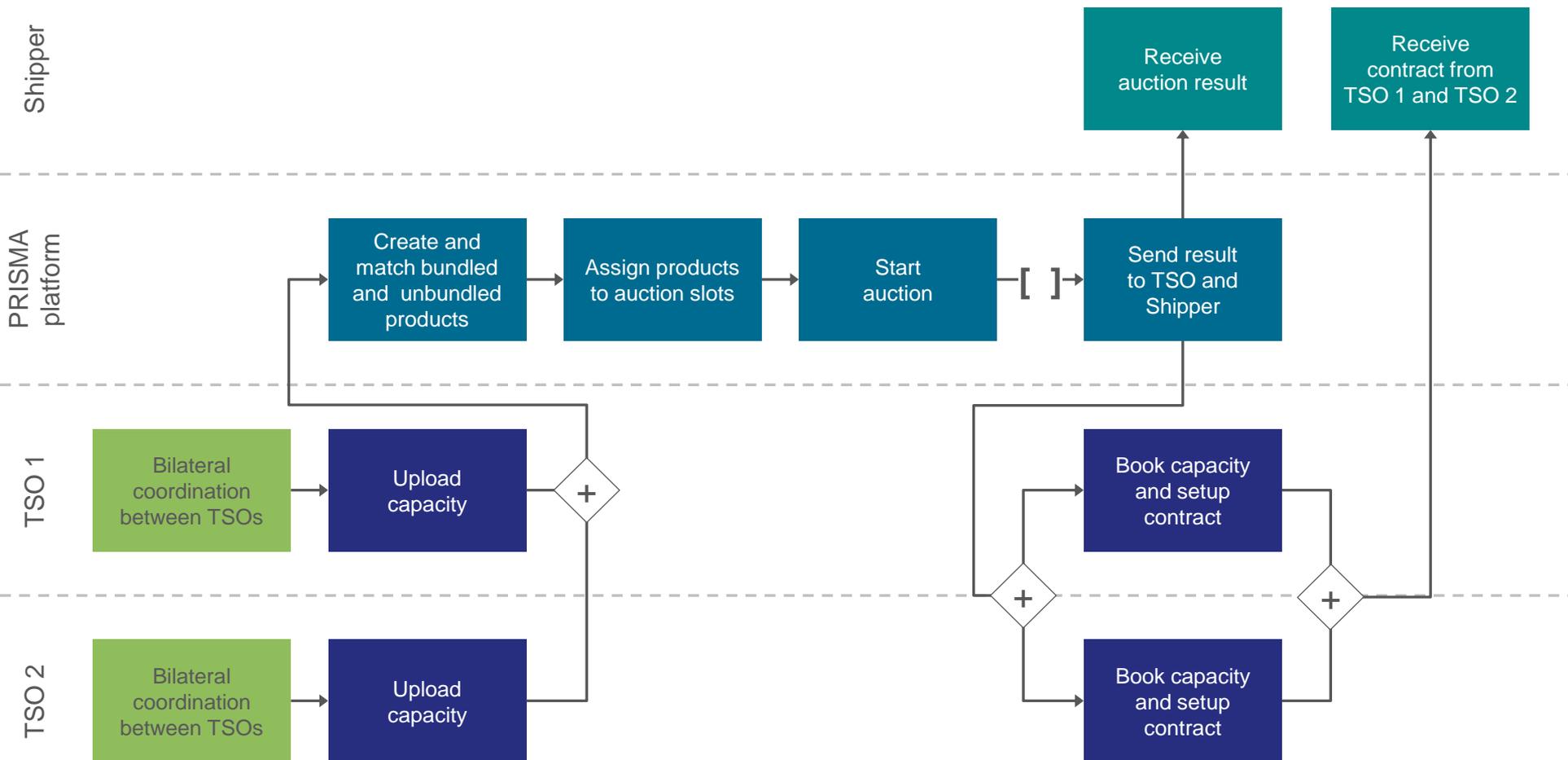
- Add further bids for additional price steps
- Enter the price you are willing to pay
- Enter your min and max capacity amount

- In uniform price auctions there is only one bidding round in which you enter the desired capacity that you are prepared to buy up to a certain price. It is possible to place up to 10 bids per shipper for a day-ahead auction.



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# Bundled Auctions Process Chart





The total price of the capacity consists of several components:

TSO 1: Regulated tariff  
+ TSO 1: Additional fees

TSO 2: Regulated tariff  
+ TSO 2: Additional fees

= Starting Price

+ Auction surcharge

= Total price

- The regulated tariff and additional fees are provided by the respective TSO
- The auction surcharge depends on the number of price steps
- The auction surcharge is divided between the TSOs (default 50/50)

# Bundled Auctions

## Platform view: Auction details



**Auction 458756** ?

**Auction Information**

Start of Auction: Jan 21, 2013 2:00 PM  
Marketable Capacity: 50,000 kWh  
Auction Start Price: 0.4 ct/kWh/h/Runtime

**Product Details**

Network point: BTC-BP-4-Exit, BTC-PL-BP-4-Entry  
Market Area: NetConnect Germany, GASPOOL  
Transmission System Operator (TSO): BTC AG, BTC Business Technology  
Product Runtime: 22.01.2013 06:00 - 23.01.2013 06:00  
Type: Natural Gas  
Direction: Exit/Entry  
Type of Gas: H-gas, H-gas  
Capacity Category: bFZK, FZK  
Marketable Capacity: 50,000 kWh

Transmission System Operator (TSO): BTC AG  
Regulated Capacity Tariff: 0.20 ct/kWh/h/Runtime  
Transmission System Operator (TSO): BTC Business Technology Consulting S  
Regulated Capacity Tariff: 0.40 ct/kWh/h/Runtime

[Show All fees](#)

Overview Watch this auction Submit New Bid Comfort Functions Save as a PDF

2 interconnection points, market areas, TSOs, capacity types, prices etc. are shown

- The bundling of capacities takes place at all possible interconnection points
- In case of a bundled auction you will be informed about it in various places
- The way a bundled product is displayed is different that of an unbundled product

# Bundled Auctions

## Platform view: Submitting a bid



**1 Auction 524293**

**!** The [Auction Details](#) may be seen again here.

---

**Submit New Bid**

Bid \*  kWh/h

Bid for conversion from interruptible to firm capacity

1. Balancing Group/ Sub-Balancing Account \*  **▼**

2. Balancing Group/ Sub-Balancing Account  **▼**

**Accept the GTCs**

I hereby accept the GTCs of the different owner.

I hereby accept the GTCs of the different owner.

Sp. Z 0.0.

---

**Auction Short Info**

Marketable Capacity	50,000
Minimum Price (€/MWh)	10
Surcharge to Starting Price (€/Wh/h/Runtime)	0.00
Regulated Capacity Tariff (€/Wh/h/Runtime)	0.30
Measuring Fee (€/Wh/h/Runtime)	0.00
Biogas redistribution levy (€/Wh/h/Runtime)	0.00
Measuring Operations Fee (€/Wh/h/Runtime)	0.00
Billing Fee (€/Wh/h/Runtime)	0.00

**1. Transmission System Operator (TSO)**

Regulated Capacity Tariff (€/Wh/h/Runtime)	0.30
Measuring Fee (€/Wh/h/Runtime)	0.00
Biogas redistribution levy (€/Wh/h/Runtime)	0.00
Measuring Operations Fee (€/Wh/h/Runtime)	0.00
Billing Fee (€/Wh/h/Runtime)	0.00

**2. Transmission System Operator (TSO)**

Regulated Capacity Tariff (€/Wh/h/Runtime)	0.30
Measuring Fee (€/Wh/h/Runtime)	0.00
Biogas redistribution levy (€/Wh/h/Runtime)	0.00
Measuring Operations Fee (€/Wh/h/Runtime)	0.00
Billing Fee (€/Wh/h/Runtime)	0.00

Enter a balancing group/ portfolio code for TSO 1 (depending on the TSO optional or mandatory)

Enter a balancing group/ portfolio code for TSO 2 (depending on the TSO optional or mandatory)

Accept the GTCs of TSO 1 & TSO 2

- When submitting a bid for a bundled product you have to accept the GTCs for each TSO and enter (optionally) a balancing group / portfolio code for each TSO.

# Bundled Auctions

## Platform view: Competing products



Information text about the competition situation

Displays the competing capacity quantity by clicking 'in competition with another capacity'

Displays the auction details of the competing capacity product

**Auction 1049134**

<> The offered capacity is in [conflict with another capacity!](#)

Concurring Capacities		
Auction ID	Capacity (kWh/h)	
1049133	13,646 kWh/h	<a href="#">View Details</a>

**Auction Information**

Start of Auction	Jan 21, 2013 3:30 PM
Marketable Capacity	944,765 kWh/h
Auction Start Price	0.7260274 ct/kWh/h/Runtime

**Product Details**

Network point	<a href="#">Brandov-STE GAL</a>
Market Area	GASPOOL
Transmission System Operator (TSO)	<a href="#">GASCADE Gastransport GmbH</a>
Product Runtime	22.01.2013 06:00 - 23.01.2013 06:00
Type	Natural Gas
Direction	Entry
Type of Gas	H-gas
Capacity Category	FZK
Marketable Capacity	944,765 kWh/h
Concurrent Capacity	13,646 kWh/h
Non-concurrent Capacity	931,119 kWh/h

- In some situations capacity products may be competing against each other
- In case of such a competition you will be informed about it in various places

# Bundled Auctions

## Platform view: Competing products



The screenshot shows a summary of bids for a company. A callout box points to the 'sum (kWh/h)' value.

my company's bids	
sum of my companys bids in this auction	5,000
sum of my companys bids in concurrent auctions	30,000
<b>sum (kWh/h)</b>	<b>35,000</b>

Additional information to the bids of all users of your company

- In an auction with competing products you can also see the bids placed by other users of your company for the competing product (on the right side of this page).



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# Competing Auctions

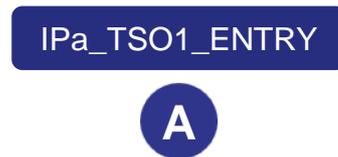
## Example for 1:n bundling with three TSOs



Country 1  
Market Zone A

border

Country 2  
Market Zone B



- Each TSO creates its individual network point on the PRISMA platform
- The individual network points are not bundled yet and can only be used for unbundled auctions

# Competing Auctions

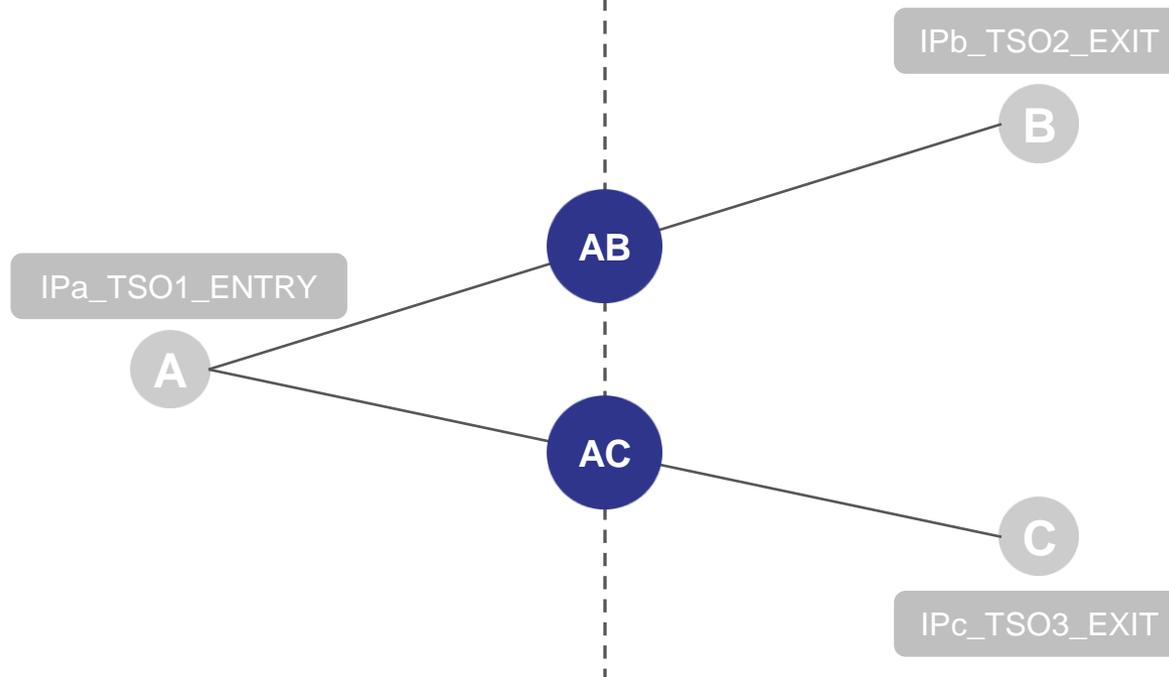
## Example for 1:n bundling with three TSOs



Country 1  
Market Zone A

border

Country 2  
Market Zone B



- To market bundled capacities two **additional** (virtual) bundled network points are created on the PRISMA platform
- The additional network points use the master data of the underlying unbundled network points

# Competing Ascending Clock Auctions

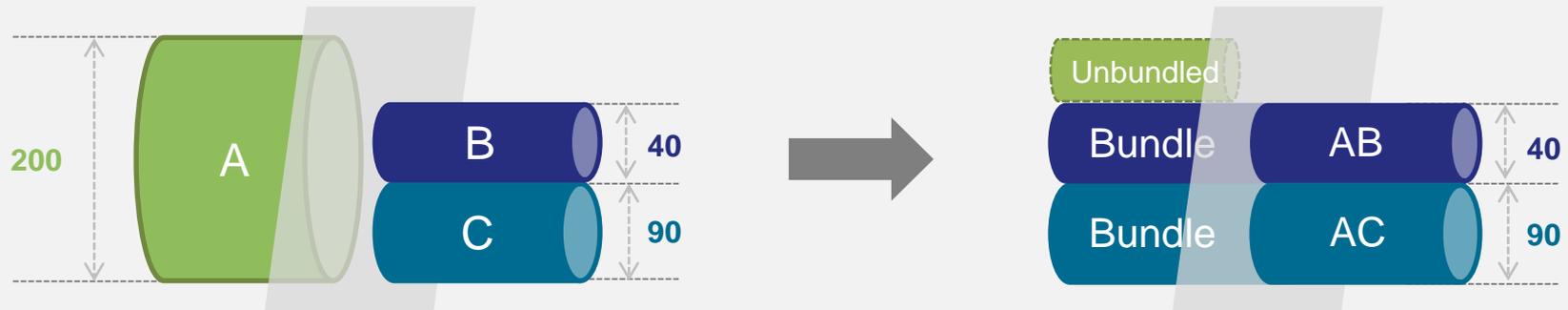
## Capacity situation leads to competing auctions



### Situation 1:

available capacity at A > sum of available capacity at B and C

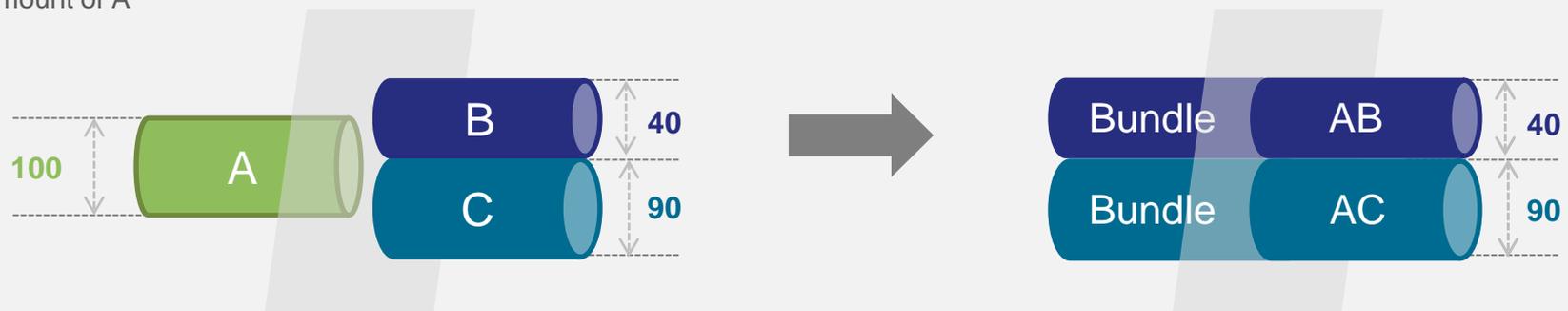
- several bundled products are created, for the remaining capacity a unbundled product may be created



### Situation 2:

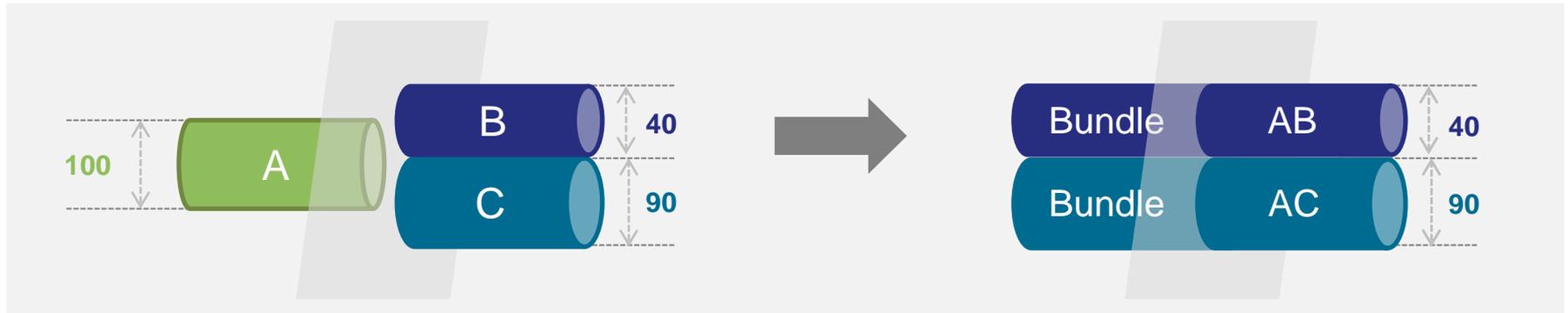
available capacity at A < sum of available capacity at B and C

- several bundled products are created
- the sum of the allocated capacity must not exceed the available capacity at A, the two products are therefore competing for the amount of A



# Competing Ascending Clock Auctions

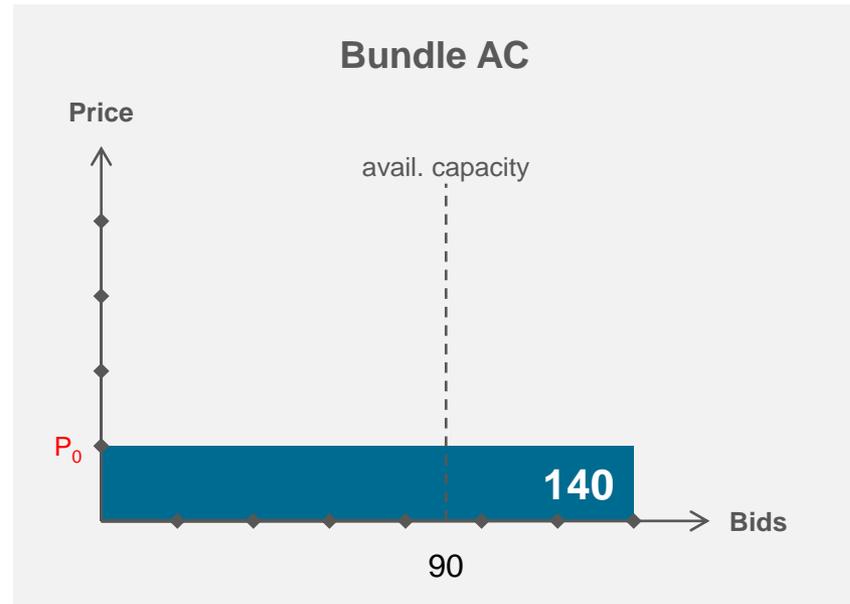
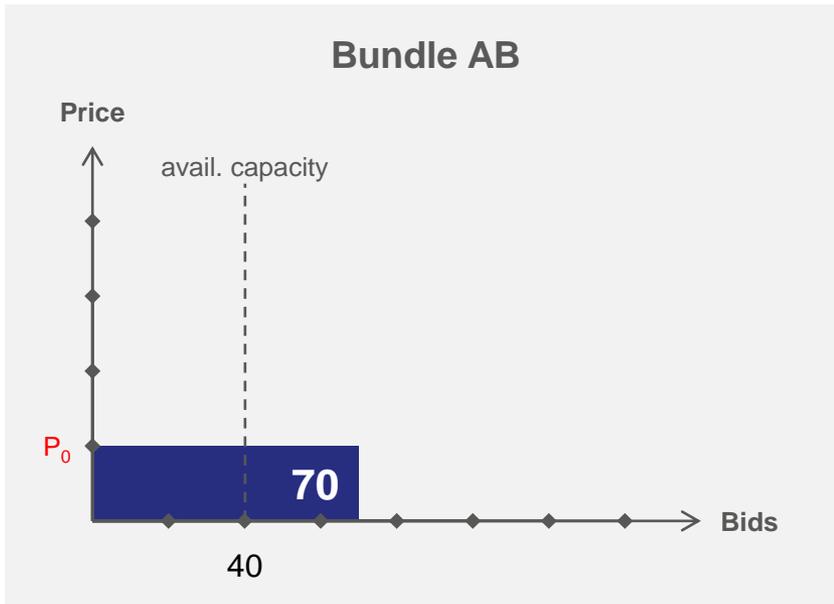
## Simulation of competing auctions



- The two auctions at the bundle AB and AC take place in parallel on the PRISMA platform, according to the rules and procedures of a standard ascending clock auction as described in the NC CAM.
- After each bidding round the results are analysed and it is checked whether the competition constraint – available capacity at A (100) - is solved.
- In case the competition constraint is solved, the competition is removed and the auctions continue independently until the capacity is allocated.

# Competing Ascending Clock Auctions

## Simulation of competing auctions

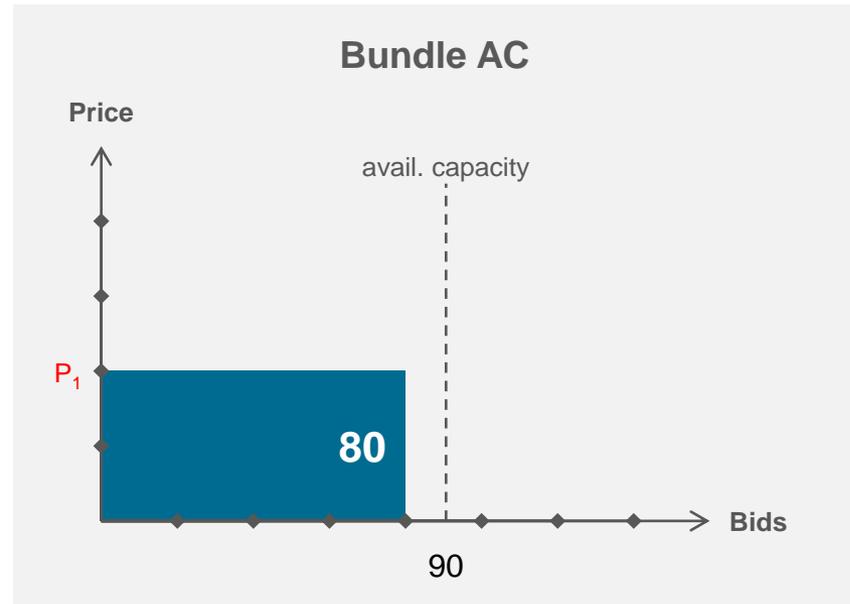
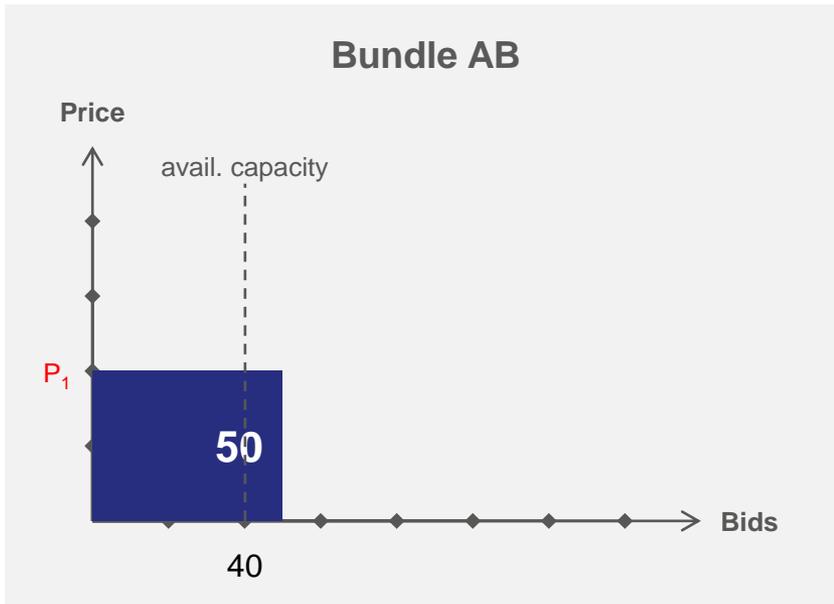


Bidding round	Aggregated demand for bundle AB	Aggregated demand for bundle AC	Aggregated demand for bundle AB and AC	Competition constraint
1	70	140	210	not solved

- The aggregated demand of bundle AB and AC is bigger than the competition constraint ( $AB + AC > A$ ).
- The competition constraint is not solved, therefore the next bidding round is necessary.
- In the next bidding round the first large price step is applied to both auctions.

# Competing Ascending Clock Auctions

## Simulation of competing auctions

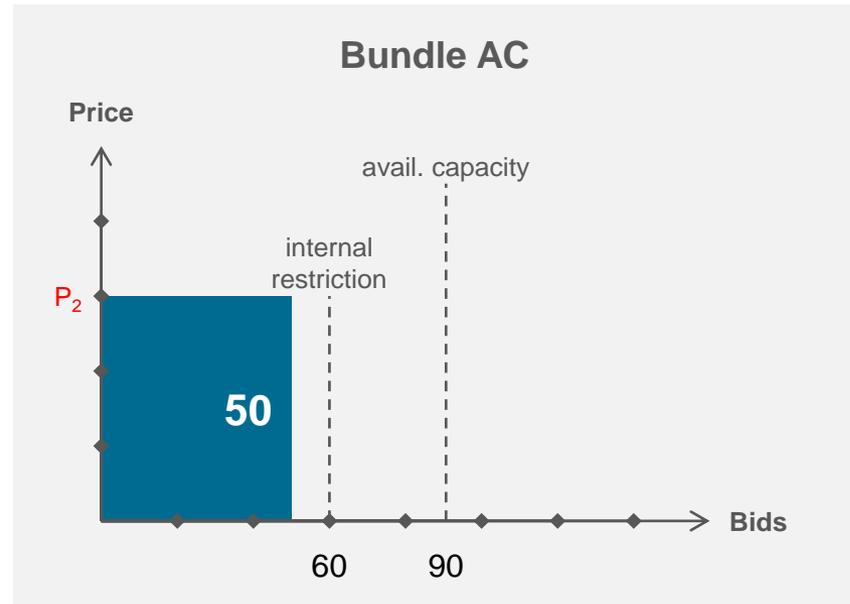
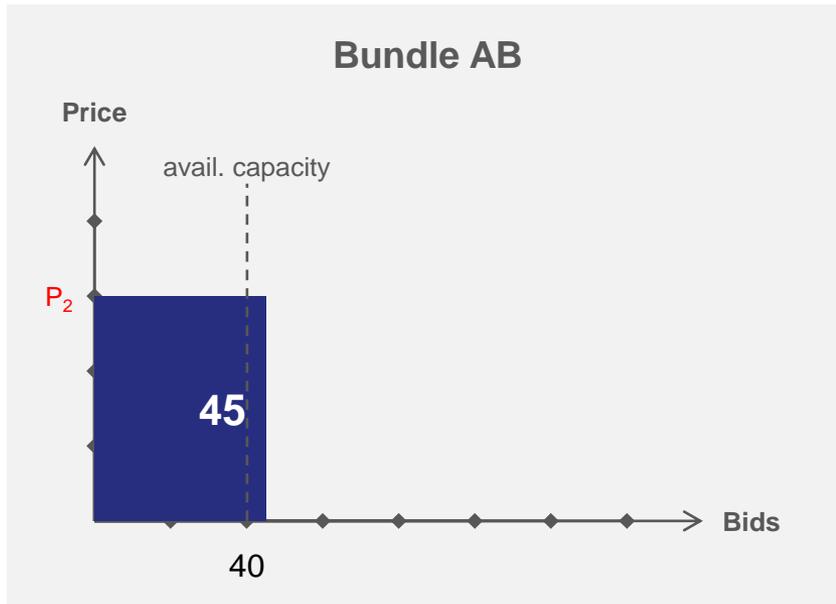


Bidding round	Aggregated demand for bundle AB	Aggregated demand for bundle AC	Aggregated demand for bundle AB and AC	Competition constraint
1	70	140	210	not solved
2	50	80	130	not solved

- The aggregated demand of bundle AB and AC is bigger than the competition constraint ( $AB + AC > A$ ).
- The competition constraint is not solved, therefore the next bidding round is necessary.
- In the next bidding round the second large price step is applied to both auctions.

# Competing Ascending Clock Auctions

## Simulation of competing auctions

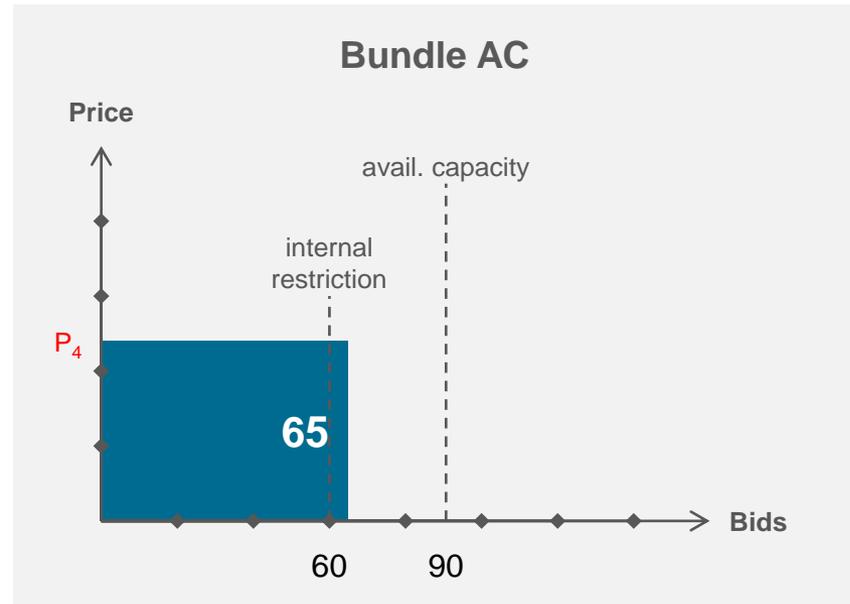
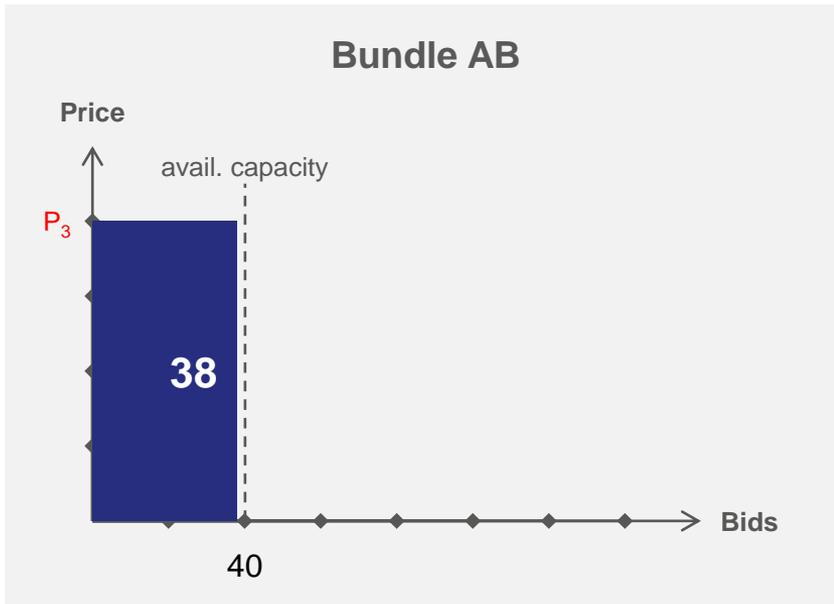


Bidding round	Aggregated demand for bundle AB	Aggregated demand for bundle AC	Aggregated demand for bundle AB and AC	Competition constraint
1	70	140	210	not solved
2	50	80	130	not solved
3	45	50	95	solved

- The aggregated demand of bundle AB and AC smaller than the competition constraint ( $AB + AC < A$ ).
- In order to solve the competition the auctions are split and continued independently from each other.
- Since AB is still in oversell the marketable capacity for AB stays 40 whereas AC is restricted to 60 which is the remaining part of the competition constraint (100).

# Competing Ascending Clock Auctions

## Simulation of competing auctions

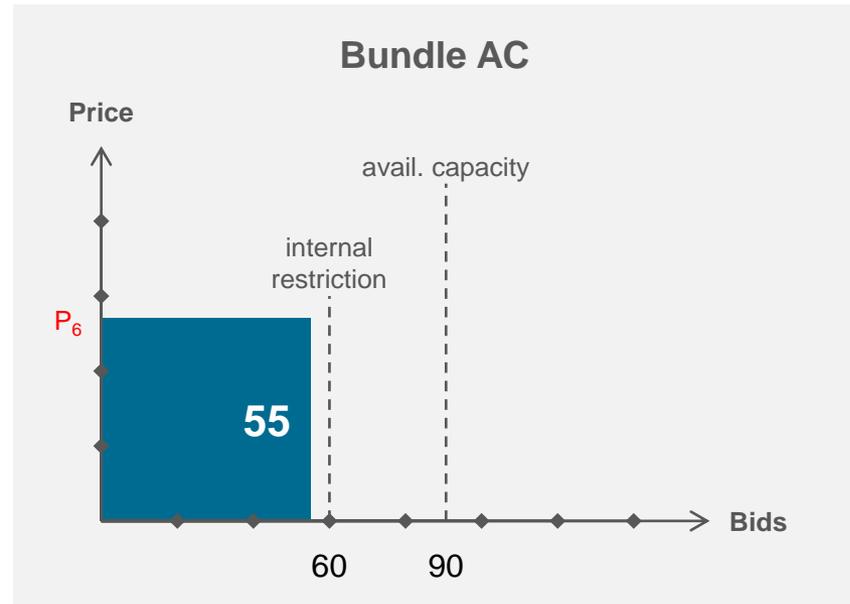
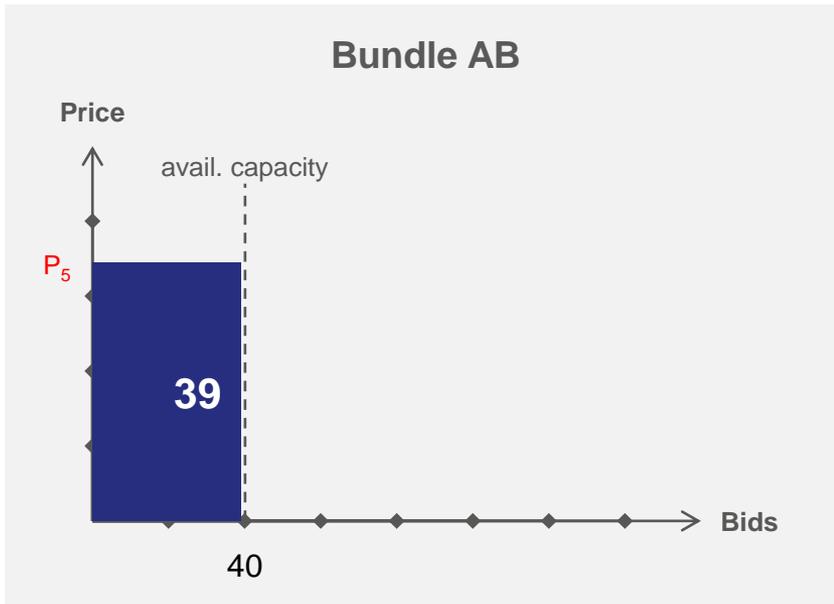


Bidding round	Aggregated demand for bundle AB	Aggregated demand for bundle AC	Aggregated demand for bundle AB and AC	Competition constraint
2	50	80	130	not solved
3	45	50	95	solved
4	38	65	103	-

- The auctions are continued independently from each other, the competition constraint is not relevant any more.
- AB is in undersell, therefore the first small price step is applied in the next bidding round .
- AC is in oversell, therefore the second small price step is applied In the next bidding round.

# Competing Ascending Clock Auctions

## Simulation of competing auctions



Bidding round	Aggregated demand for bundle AB	Aggregated demand for bundle AC	Aggregated demand for bundle AB and AC	Competition constraint
3	45	50	95	solved
4	38	65	103	-
5	39	55	94	-

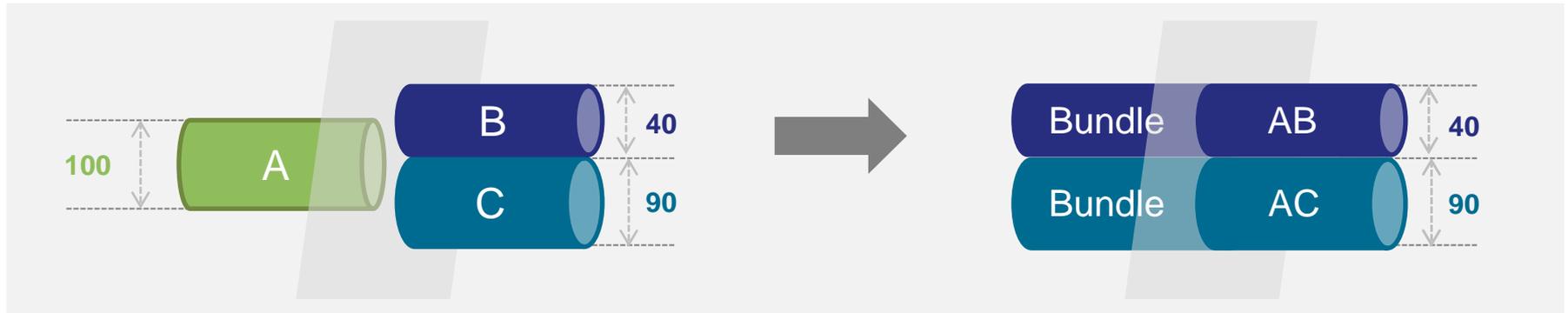
- Both auctions are in undersell therefore the auctions are finished.
- The capacity is allocated as follows: AB=39 and AC=55.



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# Competing Uniform Price Auctions

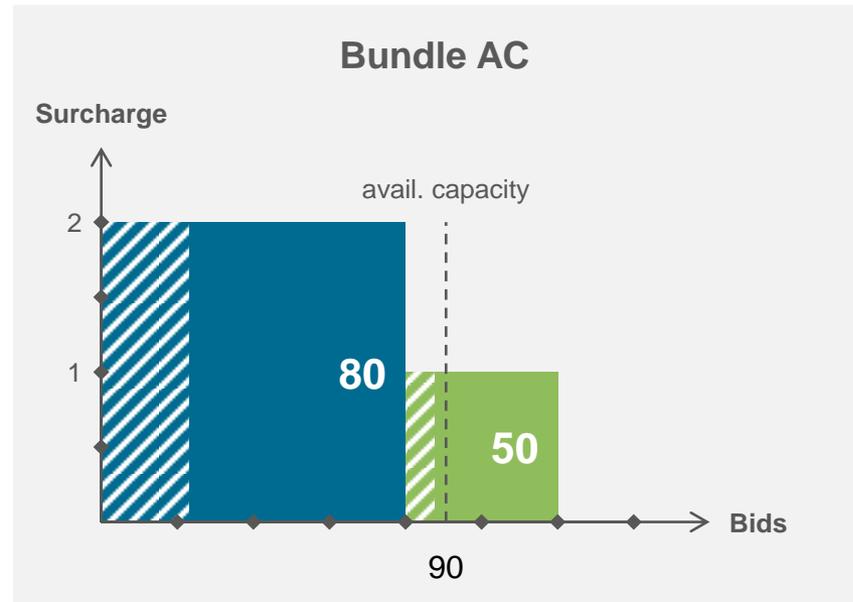
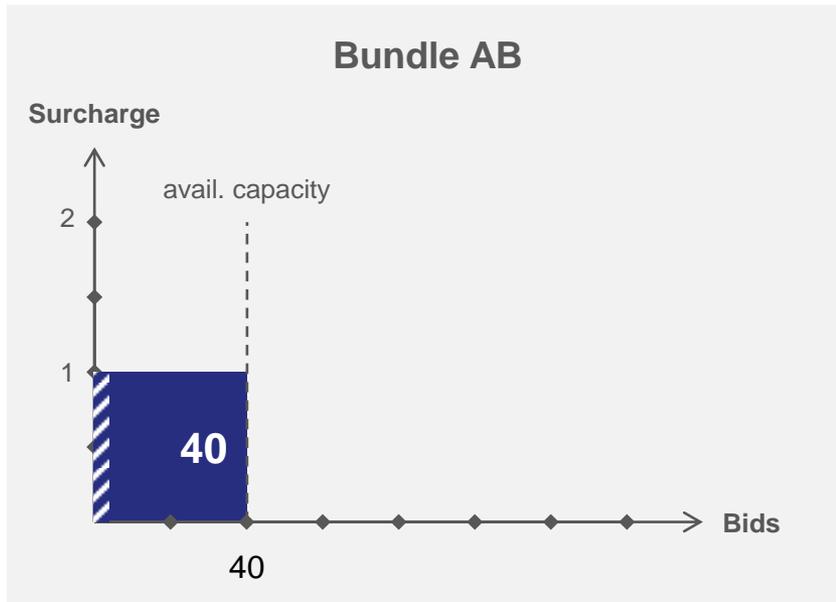
## Simulation of competing auctions



- The two auctions at the bundle AB and AC take place in parallel on the PRISMA platform, according to the rules and procedures of a standard uniform price auction as described in the NC CAM.
- After the bidding round the results are analysed and it is checked whether the competition constraint - available capacity at A (100) - is solved.

# Competing Uniform Price Auctions

## Simulation of competing auctions



- The Shippers place their bids during the bidding round.
- Uniform price auctions only have one bidding round in which up to 10 bids (price + amount) can be placed.
- The evaluation of the placed bids and the allocation of capacity is done in three steps.

#### Legend:

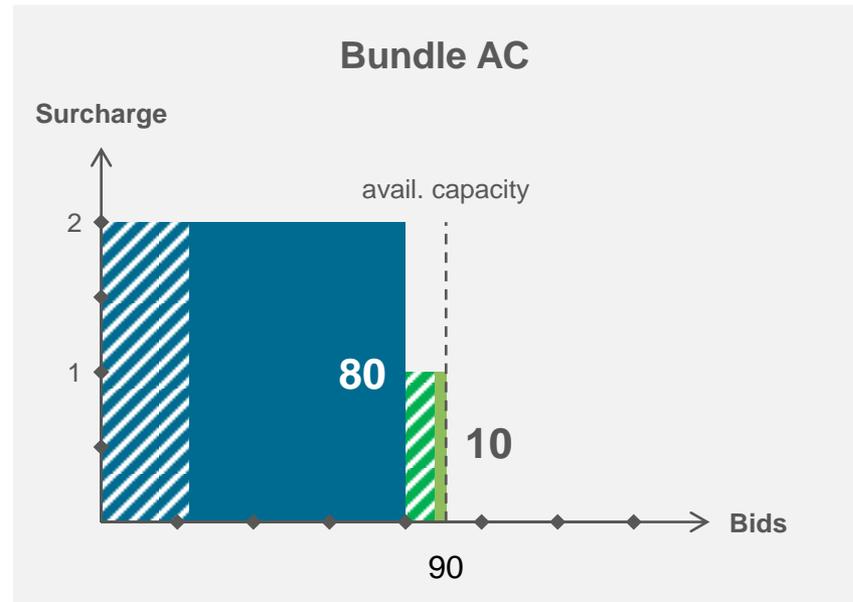
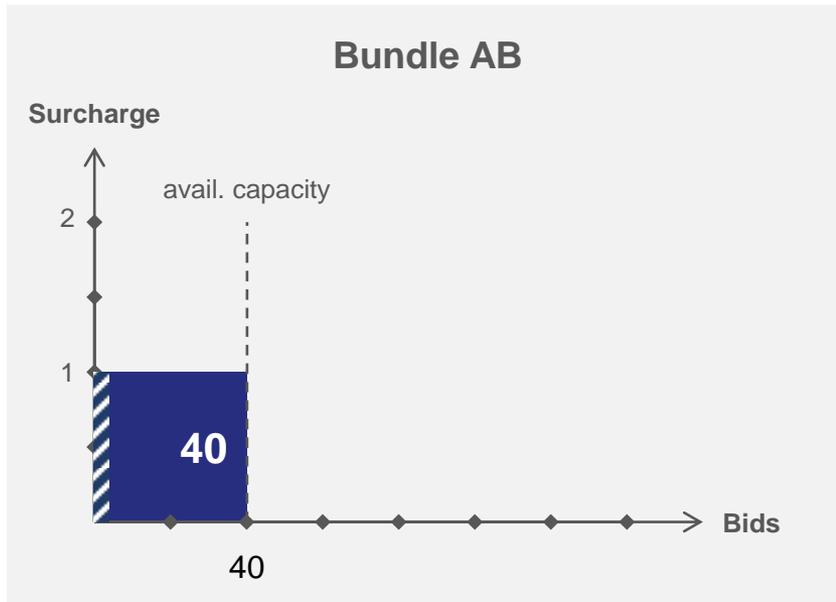
	Maximum amount Shipper 1		Maximum amount Shipper 2		Maximum amount Shipper 3
	Minimum amount Shipper 1		Minimum amount Shipper 2		Minimum amount Shipper 3

# Competing Uniform Price Auctions

## Simulation of competing auctions



### 1st step: intermediate evaluation



- During the intermediate evaluation both auctions are evaluated independently.
- The maximum amount of the bid of Shipper 3 for bundle AC is exceeding the available capacity and is amended to 10 in order to meet the available capacity (taking into account, that the minimum amount of the bid is still met).

#### Legend:

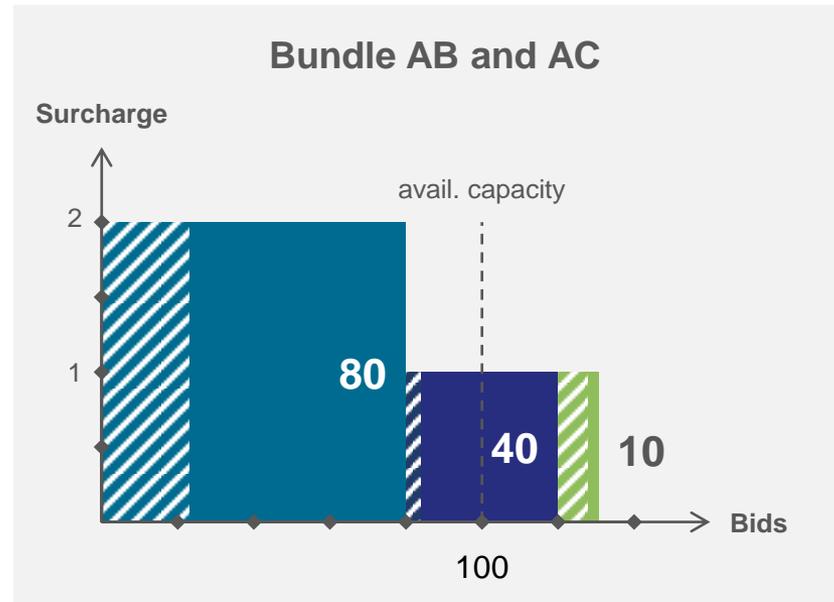
- |   |                          |   |                          |   |                          |
|---|--------------------------|---|--------------------------|---|--------------------------|
|  | Maximum amount Shipper 1 |  | Maximum amount Shipper 2 |  | Maximum amount Shipper 3 |
|  | Minimum amount Shipper 1 |  | Minimum amount Shipper 2 |  | Minimum amount Shipper 3 |

# Competing Uniform Price Auctions

## Simulation of competing auctions



2nd step: consolidation of all bids



- In order to resolve the competition the two auctions have to be evaluated together.
- In preparation of the evaluation all bids that were placed are internally consolidated.

### Legend:

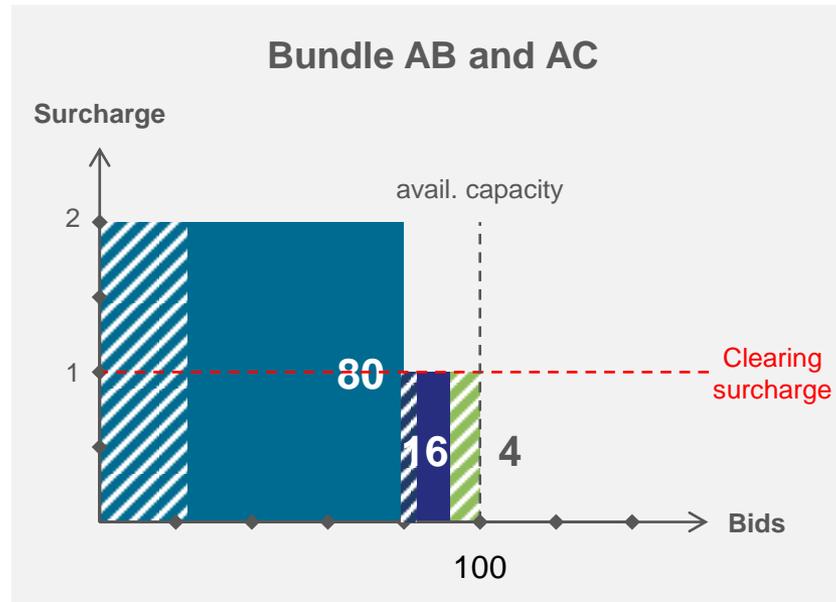
Maximum amount Shipper 1	Maximum amount Shipper 2	Maximum amount Shipper 3
Minimum amount Shipper 1	Minimum amount Shipper 2	Minimum amount Shipper 3

# Competing Uniform Price Auctions

## Simulation of competing auctions



### 3rd step: final evaluation and allocation



- The consolidated bids are evaluated according to the rules and procedures described in the NC CAM.
- The maximum amount of the bid of Shipper 2 is allocated, since the Shipper is willing to pay a higher surcharge.
- The remaining capacity (20) is allocated according to the rules of NC CAM. In this case the allocation is done pro-rata to the remaining bids (40 and 10).

#### Legend:

	Maximum amount Shipper 1		Maximum amount Shipper 2		Maximum amount Shipper 3
	Minimum amount Shipper 1		Minimum amount Shipper 2		Minimum amount Shipper 3



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  - Capacity Surrender
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# Additional Features

## Credit Limits



Credit Limits <span style="float: right;">X</span>							
Identifier	Static	Used	Interval	Application *	Customer	Framework	TSO
180920141146	467100 cent	1606 cent	18.09.2014 06:00 - 31.12.9999 06:00	Month, Quarter, Year,	AZhulinskyi corporation	BV4658	PRISMA European Capacity Platform B.V
190920141800	1000 cent	0 cent	21.09.2014 06:00 - 21.09.2015 06:00	Within-day, {0-365}	AZhulinskyi corporation	4669SecondaryBV	PRISMA European Capacity Platform B.V
220920141159	1000 cent	804 cent	23.09.2014 06:00 - 31.12.9999 06:00	Month, Quarter, Year,	AZhulinskyi corporation	4667Year_BV	PRISMA European Capacity Platform B.V
131120141338	1000 cent	0 cent	13.11.2014 06:00 - 31.12.9999 06:00	{0-365}	AZhulinskyi corporation	2078	PRISMA European Capacity Platform B.V

\* The Interval Limit is applied to products of the listed period types and FCFS bookings and secondary trades with a transportation interval between the {minimum, maximum} bounds.

Total 4 | Number of search results per page [10](#) [20](#) [50](#) [100](#)

- TSO can create **credit frameworks** by specifying **credit factors** for various transactions on the Platform (auction bidding, secondary trading, booking) and assign these frameworks together with the initial **credit limit (static)** amounts to their Shippers.
- **Credit limit (used)** is the monetary value, measured in currency subunits (i.e. cents or pence); it is the sum of all transactions on the Platform, happened during the validity interval of the specific credit limit
- **Credit limit (static)** is the monetary value, measured in currency subunits; it is the threshold, to which the sum of the **credit limit (used)** and new transaction are compared:
  - If the static credit limit is higher, then the transaction is processed,
  - If the static credit limit is lower, then the transaction is blocked.



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- My PRISMA

# Additional Features

## Capacity Surrender\*



**My PRISMA**

Dashboard | **Contract Details** | Comfort Bids | Account Maintenance

Contract Positions | Capacity Surrender | **Return Capacity**

---

**Capacity Return** ?

**Capacity Return Information**

Enter the Deal ID: Select a deal-ID

Old Contract/ no Deal ID available

**Period to Return**

Start Time: 01/15/2013 06:00

End Time: 01/16/2013 06:00

Mo	Tu	We	Th	Fr	Sa	Su
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

Unbundled Product  Bundled Product

Transmission System Operator (TSO)\*: Select a TSO

Network Point\*: Select a network point

Contract Position Number\*:

If the capacity contract is already brought into a Balancing Group or Sub-Balancing Account, the code of this group or account has to be entered.

Capacity kWh/h\*:

Select the contract ID of the capacity you would like to return / surrender

Enter the time you want to return / surrender capacity for

Enter the amount of the returned / surrendered capacity

- Under 'Capacity Surrender Request' you have the possibility to give your booked capacity back to the TSO (surrender), independent where you booked the capacity
- Note: Surrender is not possible with all TSOs and subject to national regulatory requirements

\* not supported by all TSOs



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# Additional Features

## Automated Bidding: The Comfort Function



My PRISMA

Dashboard | Contract Details | **Comfort Bids** | Account Maintenance

Day-Ahead Bid | Ascending clock (long-term) comfort Bids

Current Order Templates Place a new order Template ?

! Currently you have 2 order templates in place.

Network Point	TSO	Order Runtime	Capacity Category	Product	Transformation	Initial Quantity	Highest Bid	Action
BTC-BP-3-Exit (BTC-BP-3-Exit) BTC-PL- BP-3-Entry (BTC-PL- BP-3-Entry)	BTC AG BTC Business Technology Consulting Sp. z o.o.	Jan 27, 2013 12:00 AM - Jan 29, 2013 12:00 AM	FZK/bFZK	D	no	50 kWh/h	1.00 ct/kWh /h/Runtime	
BTC-PL- BP-3-Entry (BTC-PL- BP-3-Entry)	BTC Business Technology Consulting Sp. z o.o.	Mar 13, 2013 12:00 AM - Mar 19, 2013 12:00 AM	FZK	D	no	300 kWh/h	3.00 ct/kWh	

2 Order Templates in place | Number of search results per page [10](#) [20](#) [50](#) [100](#)

- Details
- Deactivate
- Change

Add a new  
comfort bid

Possibility to  
change or  
deactivate  
existing  
comfort bids

- By using the so-called comfort function you have the possibility to submit bids for all PRISMA auctions in advance.
- In the section **MY PRISMA** you can create new comfort bids (for long-term and short-term auctions), find an overview of your placed comfort bids and change or deactivate them.

# Additional Features

## Automated Bidding: Short-term comfort bids



**Auction 2850816** ?

**!** The [Auction Details](#) may be seen again here.

### Day-Ahead Comfort Function

**Your Automatic Day-Ahead Bid**

Start Date  DD.MM.YYYY

End Date  DD.MM.YYYY

Start Price  0.30 ct/kWh/Runtime

Min \*  Max \*  ct/kWh/Runtime

Bid for conversion from interruptible to firm capacity

Accepting the GTCs

I hereby accept the [TSOs GTCs](#).

**bayernets**  
energy transport systems

### Auction Short Info

Available Max. Amount (kWh/h)	100
Bid Minimum (kWh/h)	5
Minimum Price (ct/kWh/h)	0.005
Surcharge to Starting Price (ct/kWh/h/Runtime)	0.00
Regulated Capacity Tariff (ct/kWh/h/Runtime)	0.30
Measuring Fee (ct/kWh/h/Runtime)	0.00
Biogas redistribution levy (ct/kWh/h/Runtime)	0.00
Measuring Operations Fee (ct/kWh/h/Runtime)	0.00
Billing Fee (ct/kWh/h/Runtime)	0.00

### Notice

Auction information

### Help and Tips

- [User Documentation](#)
- [FAQ](#)

Overview View Auction Bid Now

Enter a time period during which the comfort bid is placed automatically for a day-ahead product

Enter the min / max capacity amount you are will to buy at a certain surcharge

You can create a bidding curve by adding further quantities at specific price intervals

- When using the comfort function for day-ahead auctions you have to select a time period during which you would like to automatically use your pre-defined bids for certain day-ahead products.
- Day-ahead comfort bids can only be placed by a user before the start of an auction.** Once an auction is running it is no longer possible to place an automated bid.

# Additional Features

## Automated Bidding: Long-term comfort bids (1/2)



**Auctions**

Long-Term and Day-Ahead | Reverse Auction

**Auction Overview** Show More Filters ?

Current | **Future** | Past | Intermediate Results | Being Watched All Auctions

All | My Company's Bids | My Bids

Auction ID	Status	Next Deadline	Start of Auction	Network Point	Marketable Capacity	Bids	Regulated Capacity Tariff	Surcharge	Product Runtime	Product	Capacity Category	TSO	Direction	Type of Gas	Action
38371935	●	Start Aug 6, 2014 12:00 PM	Aug 6, 2014 12:00 PM	Marcus Point 01 (MarcusPoint 01)	2,000 kWh/h		34.00 ct/kWh /h/Runtime	0.00 ct/kWh /h/Runtime	07.08.2014 08:00 - 08.08.2014 08:00	D	firm	PRISMA European Capacity Platform B.V	Exit	H-gas	⚙️
38371934	●	Start Aug 6, 2014 12:00 PM	Aug 6, 2014 12:00 PM	Marcus Point 01 (MarcusPoint 01)	1,000 kWh/h		45.00 ct/kWh /h/Runtime	0.00 ct/kWh /h/Runtime	01.09.2014 08:00 - 01.10.2014 08:00	M	FZK	PRISMA European Capacity Platform B.V	Exit	H-gas	⚙️

Total 2 | Number of search results per page 10 20 50 100

**Create a new comfort bid after publication of the auction**

View Auction  
Create comfort Bid  
Watch Auction

- Comfort bids for long-term auctions can only be placed by a user after an auction has been published on the platform.
- Please note that in case you create or change a comfort bid during an already running bidding round, your changes will only come into effect in the next bidding round.
- If you would like to place or change a bid for the currently running bidding round, place your bid manually.

# Additional Features

## Automated Bidding: Long-term comfort bids (2/2)



My PRISMA

Dashboard | Contract Details | **Comfort Bids** | Account Maintenance

Day-Ahead Bid | **Ascending clock (long-term) comfort Bids**

### Bid

**!** Please note that in case you create or change a comfort bid during an already running bidding round, your changes will only come into effect in the next bidding round. If you would like to place or change a bid for the currently running bidding round, please place your bid manually. Please note that if your comfort bid is not in accordance with your previously placed bids, it will not be applied in the auction.

Up to a Surcharge of	<input type="text" value="0.00"/>	ct/kWh/h/Runtime	Amount (kWh/h)	<input type="text" value="300"/>
Up to a Surcharge of	<input type="text" value="0.010"/>	ct/kWh/h/Runtime	Amount (kWh/h)	<input type="text" value="200"/>
Up to a Surcharge of	<input type="text" value="0.030"/>	ct/kWh/h/Runtime	Amount (kWh/h)	<input type="text" value="100"/>
Add Surcharge	<input type="button" value="-"/> <input type="button" value="+"/>			

Enter the capacity amount you are will to buy up to a certain surcharge

You can create a bidding curve by adding further quantities at specific surcharges

- The page for creating long-term comfort bids displays multiple rows of price amount pairs, defining an order-curve. Specify the amount you are willing to bid for certain price levels.



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**PRISMA will introduce new GTCs on 1st October 2014, due to changes and new functionalities on the PRISMA platform.**



## **Multi-Currency Trading** *(Article 19 of the PRISMA GTCs)*

TSOs may allow that bids submitted in the Base Currency are displayed also in an Alternative Currency.

The display of Alternative Currencies on PRISMA is for convenience purposes only and each Bid will be deemed to have been submitted in the Base Currency used by the TSO.

The multi-currency functionality does not amend or change the contractual rights or obligations between the TSO and the Shipper.

PRISMA calculates the Reference Exchange Rate on the basis of the latest available foreign exchange rate published by the European Central Bank.

PRISMA prepares the arithmetic calculation for the determination or use of the Reference Exchange Rate with 23 decimals. The values will be rounded using Bankers' Rounding principles.

The Reference Exchange Rate published by PRISMA at the start of the auction will be valid and will remain the same throughout the whole auction including all auction windows.



# Multi-Currency Trading

## Display of Exchange Rates



Navigation tabs: AUCTIONS | BOOKINGS | SECONDARY TRADING | NETWORK INFORMATION | CUSTOMER CENTRE

Customer Centre

About PRISMA | Auction Calendar | Registered Shippers | **Exchange Rates** | Download | News | FAQs | Contact

Exchange Rates Save as CSV

Source: European Central Bank

Currency	Validity from	Validity to	Exchange rate (EUR/x)
DKK	07.08.2014 12:07	07.08.2014 15:17	7.4557
CHF	07.08.2014 12:07	07.08.2014 15:17	1.2152
PLN	07.08.2014 12:07	07.08.2014 15:17	4.2045
GBP	07.08.2014 12:07	07.08.2014 15:17	0.79285
DKK	07.08.2014 15:17	08.08.2014 15:17	7.4556
CHF	07.08.2014 15:17	08.08.2014 15:17	1.215
PLN	07.08.2014 15:17	08.08.2014 15:17	4.2038
GBP	07.08.2014 15:17	08.08.2014 15:17	0.794
DKK	08.08.2014 15:17	09.08.2014 15:17	7.455
GBP	08.08.2014 15:17	09.08.2014 15:17	0.7967

Total 183 | Number of search results per page 10 20 50 100

1 2 3 4 5 ... 19

Save the list of exchange rates as a CSV file

The list can be filtered individually.

- The current and past FX rates can be viewed in the subsection 'Exchange Rates' of the Customer Centre.

# Multi-Currency Trading

## Selecting a Currency During a Short Term Auction



### Your Day-Ahead Bid

Start Price  pence/kWh/h/Runtime or  cent/kWh/h/Runtime

Preferred Currency \*

Min (kWh/h) \*  Max (kWh/h) \*  Surcharge (pence/kWh/h/Runtime) \*

The Surcharge represents the value that you are willing to pay in addition to the starting price

Desired balancing group

Desired balancing group

Desired portfolio

Desired portfolio


Please notice that the platform will not support conversion of capacities at this interconnection point. Please contact the involved TSOs for capacity conversions at this point.

### Auction Short Info

Network Point Name

1. TSO   
Direction   
Capacity Category

2. TSO   
Direction   
Capacity Category

Available Max. Amount (kWh/h)   
Bid Minimum (kWh/h)   
Minimum Price Step (pence/kWh/h/Runtime or cent/kWh/h/Runtime)   
Minimum Price Step (cent/kWh/h/Runtime)   
Exchange Rate: 19.09.2014 16:00  EUR/GBP

---

Surcharge to Starting Price (cent/kWh/h/Runtime)

TSO 1 - EXIT  
Regulated Capacity Tariff (pence/kWh/h/Runtime)

PRISMA Gm - ENTRY  
Regulated Capacity Tariff (cent/kWh/h/Runtime)

Help and Tips  
▪ [User Documentation](#)

When participating in a day-ahead auction, users can choose between one of the currencies used by the TSOs.

After selecting a preferred currency, users can define the bidding curve in the selected currency.

The exchange rates of the auction is displayed in the auction short info.

# Multi-Currency Trading

## Currency Information During a Long-Term Auction



	Total Requested Capacity	Auction Surcharge (ct/kWh/h/Runtime)	Auction Surcharge (pence/kWh/h/Runtime)
▶ 0.0	200 kWh/h	0.00	0.00
▶ 1.0	20 kWh/h	1.12345679	1.12345679
▼ 0.1	25 kWh/h	0.2808642	0.2808642

Bid Id	User	Quantity	Conversion
3637264 Oct 25, 2013 3:00 PM	Thibault de Torcy thibault.villedieu-de-torcy@trac-x.de	15 kWh/h	0 kWh/h

- In case there are further bidding rounds during a long-term auction, the surcharge information of all bidding rounds will be displayed in both currencies.

# Multi-Currency Trading

## Display of Currency Information in the auction details



### Product Details

Network point	<input type="text" value="Alfiya Point 10"/> <input type="button" value="↔"/> <input type="text" value="TiboPoint10"/>
Market Area	<input type="text" value="South"/> <input type="button" value="↔"/> <input type="text" value="GASPOOL"/>
Transmission System Operator (TSO)	<input type="text" value="Example TSO 1"/> <input type="button" value="↔"/> <input type="text" value="PRISMA European Capac"/>
Product Runtime	<input type="text" value="01.10.2014 06:00 - 01.11.2014 06:00"/> <input type="button" value="M"/>
Direction	<input type="text" value="Exit/Entry"/>
Type of Gas	<input type="text" value="H-gas"/> <input type="button" value="↔"/> <input type="text" value="H-gas"/>
Capacity Category	<input type="text" value="firm"/> <input type="button" value="↔"/> <input type="text" value="firm"/>
Marketable Capacity	<input type="text" value="10,000"/> kWh/h
Exchange Rate:	<input type="text" value="0.7883"/> EUR/GBP
<small>19.09.2014 14:37</small>	
Large Price Step	<input type="text" value="2.7883"/> pence/kWh/h/Runtime or <input type="text" value="3.53710516"/> cent/kWh/h/Runtime
Small Price Step	<input type="text" value="0.55766"/> pence/kWh/h/Runtime or <input type="text" value="0.70742103"/> cent/kWh/h/Runtime
Auction Start Price	<input type="text" value="14.883"/> pence/kWh/h/Runtime or <input type="text" value="18.87986807"/> cent/kWh/h/Runtime
Surcharge to Starting Price	<input type="text" value="0"/> pence/kWh/h/Runtime or <input type="text" value="0"/> cent/kWh/h/Runtime
Transmission System Operator (TSO)	<input type="text" value="Example TSO 1"/>
Regulated Capacity Tariff	<input type="text" value="7.00"/> pence/kWh/h/Runtime
Transmission System Operator (TSO)	<input type="text" value="PRISMA European Capacity Platform G"/>
Regulated Capacity Tariff	<input type="text" value="10.00"/> cent/kWh/h/Runtime

Information about the underlying exchange rate at the auction start.

The price steps are displayed in the currencies of the involved TSOs

The tariff information is displayed in the currency of the TSO

Before, during and after an auction has taken place all the price information in the respective currency, as well as the applied exchange rate of the auction start day can be viewed in the auction details.



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# Automated Shipper Connection is an easy-to-use solution for capacity trading on PRISMA



## KEY BENEFITS

### OPTIMISED DATA HANDLING

automated provision of auction and booking results to support integrated Front-to-Back-Office processes.

### INCREASED AUDIT COMPLIANCE

due to automated booking confirmations

### IMPROVEMENT OF DATA QUALITY

With the interface, shippers can eliminate manual input errors and increase their efficiency

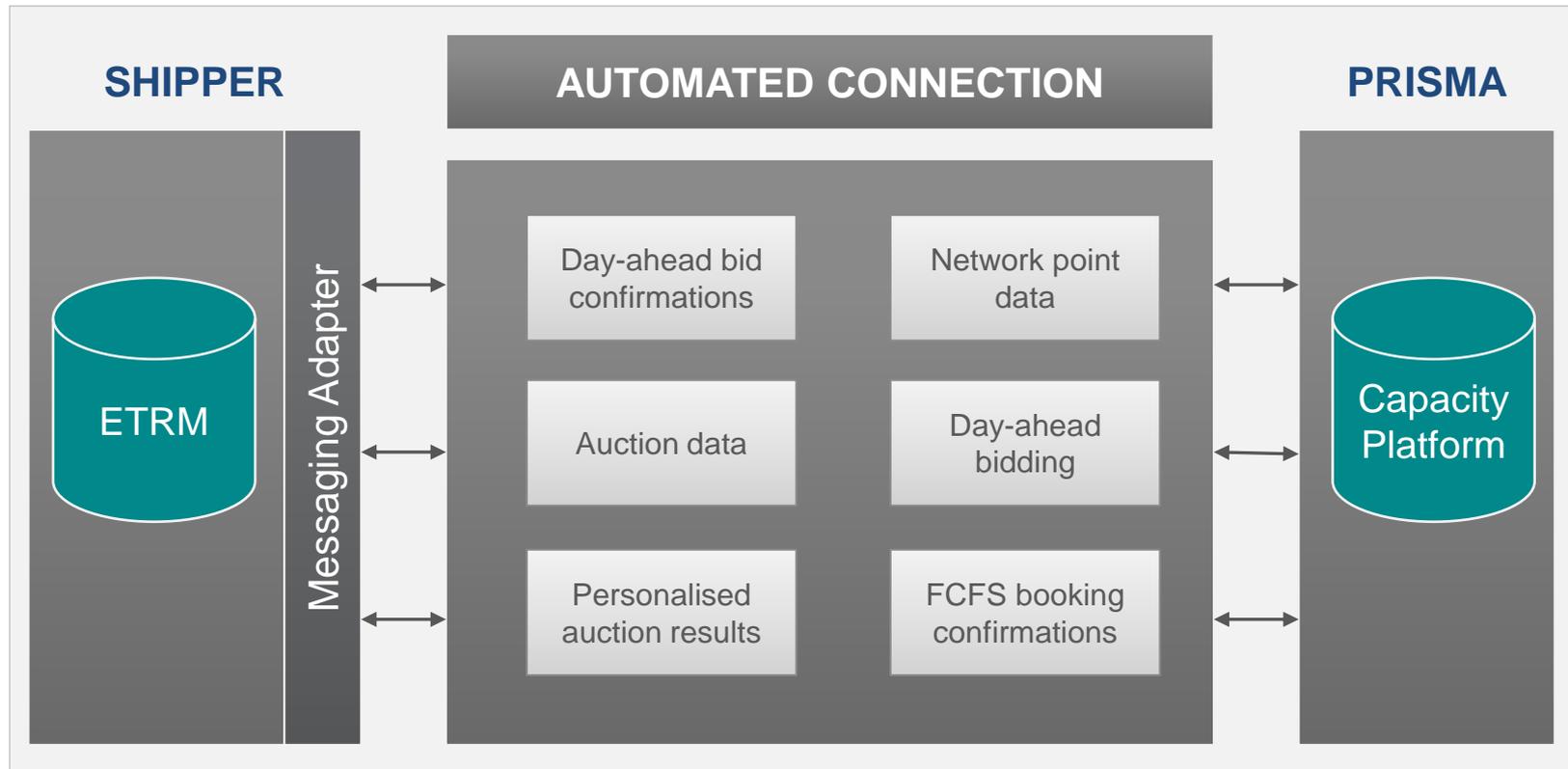
### ENFORCING INTERNAL POLICIES

With the automated connection, shippers can set individual trading limits for each of their users in their back-end system

### AUTOMATED PARTICIPATION IN A HIGH NUMBER OF AUCTIONS

Automating the trading activities helps mitigating the challenges of the NC CAM day-ahead bidding window

# PRISMA's Automated Connection – Our solution for connecting the shipper ETRM to the PRISMA platform.



PRISMA's automated shipper connection is available now to help shippers **optimise their daily trading activities at PRISMA.**

It provides **secure and reliable data exchange** of all relevant platform information.

# PRISMA's automated solution has already been successfully implemented in a number of shipper environments



## 5 EASY STEPS TO CONNECT TO THE PLATFORM

**1. ACCEPT CONNECTION AGREEMENT**  
PRISMA's standardised agreement ensures non-discriminatory access to the offered services.

**2. SELECT COMMUNICATION SOLUTION PROVIDER**  
PRISMA provides a standardised project approach based, amongst others, on the PONTON X/P solution.

**3. TECHNICAL CONNECTION**  
http(s) connection – ebXML messages – EFET standard

**4. SUCCESSFUL FUNCTIONAL TESTING**  
PRISMA provides a full set of test cases to the connecting shippers and full support during the testing process.

**5. GO-LIVE**  
The PRISMA Helpdesk is available for any questions after the go-live of the connection.



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# Secondary Trading at PRISMA

## Registration – Viewing a shippers' secondary market access



The screenshot shows the 'Account Maintenance' section of the PRISMA interface. The 'Status' tab is selected, displaying the following information:

- Transmission System Operator (TSO):** bayernets GmbH
- Status:** pending
- Market Area Coordinator Message:** not wanted
- Logo:** bayernets endgas transport system
- Status:** Waiting for Approval
- Primary Access:** approved
- Secondary Access:** declined
- Mandate Check:** [Mandate Check](#)
- 091001\_NZB\_Netz\_d...:** [091001\\_NZB\\_Netz\\_der\\_bayernets.pdf](#)

Displays a shippers' status information for the primary and secondary market access

The status of a shippers' activation in the primary and secondary market can be viewed under "MY PRISMA" → "Account Maintenance" → "Status".



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# Secondary Trading at PRISMA

## Basic Principles 1/2



### Contract Duration

- The contract period of each trade proposal can be defined individually by the shipper

### Capacity Categories

- Firm and interruptible capacity of all categories supported by the respective TSO can be traded on the secondary market

### Transaction Types

- Capacity assignment & transfer of use are supported by PRISMA; TSOs can configure which transaction types are allowed to be traded at the corresponding points

### Trading Times

- Secondary products can be traded 24/7 on the platform
- Lead time of the respective TSO must to be considered when trade proposal expiry date is set by the shipper

### Anonymity

- All non-OTC trading procedures are anonymous until the deal is concluded; only then are the parties are revealed to each other
- The counterparties may remain completely anonymous during the entire contract lifecycle if supported by the TSO (only possible for capacity assignments, with a price of € 0,00)



### Prices

- Prices (shipper to shipper) are entered in ct/kWh/h
- Negative prices are allowed, i.e. the selling shipper could pay the buying shipper for taking over capacity
- For a capacity assignment, the field “Price” means the amount of money the counterparty has to pay to the initiating shipper (regulated tariff and surcharge will have to be paid directly to the TSO by the new counterparty and go on top of the price)
- For a transfer of use, the field “Price” means the full amount of money the counterparty has to pay to the initiating shipper (including the regulated tariff and possible surcharge; no further money will be paid to the TSO)

### Bundling

- Unbundled entry & exit products at the same point can be sold as a bundle if supported by the TSO

### Product Settings

- The shipper placing the trade proposal can indicate whether it is allowed to buy/sell only a part of the offered/requested amount or period. Additionally, a minimum amount or period per trade can be set.



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# Secondary Trading at PRISMA

## Secondary Trading Procedures



Term	Definition
<b>Trade Proposal</b>	A Trade Proposal is a proposal of a shipper to either buy or sell capacity on the secondary market
<b>Request</b>	A Request is a response of a potential Buyer on a Trade Proposal, where the Trade Proposal creator is proposing to sell capacity
<b>Offer</b>	An Offer is a response of a potential Seller on a Trade Proposal, where the Trade Proposal creator is proposing to buy capacity

### There are two types of trade proposals:

- Proposal to sell capacity:
  - A shipper holds capacity that they want to sell on the secondary market
  - Shippers in the market can place requests to buy capacity from the shipper who placed the trade proposal
- Proposal to buy capacity:
  - A shipper is looking for capacity on the secondary market
  - Shippers in the market can place capacity offers to the shipper who placed the trade proposal

# Secondary Trading at PRISMA Over the Counter (OTC)



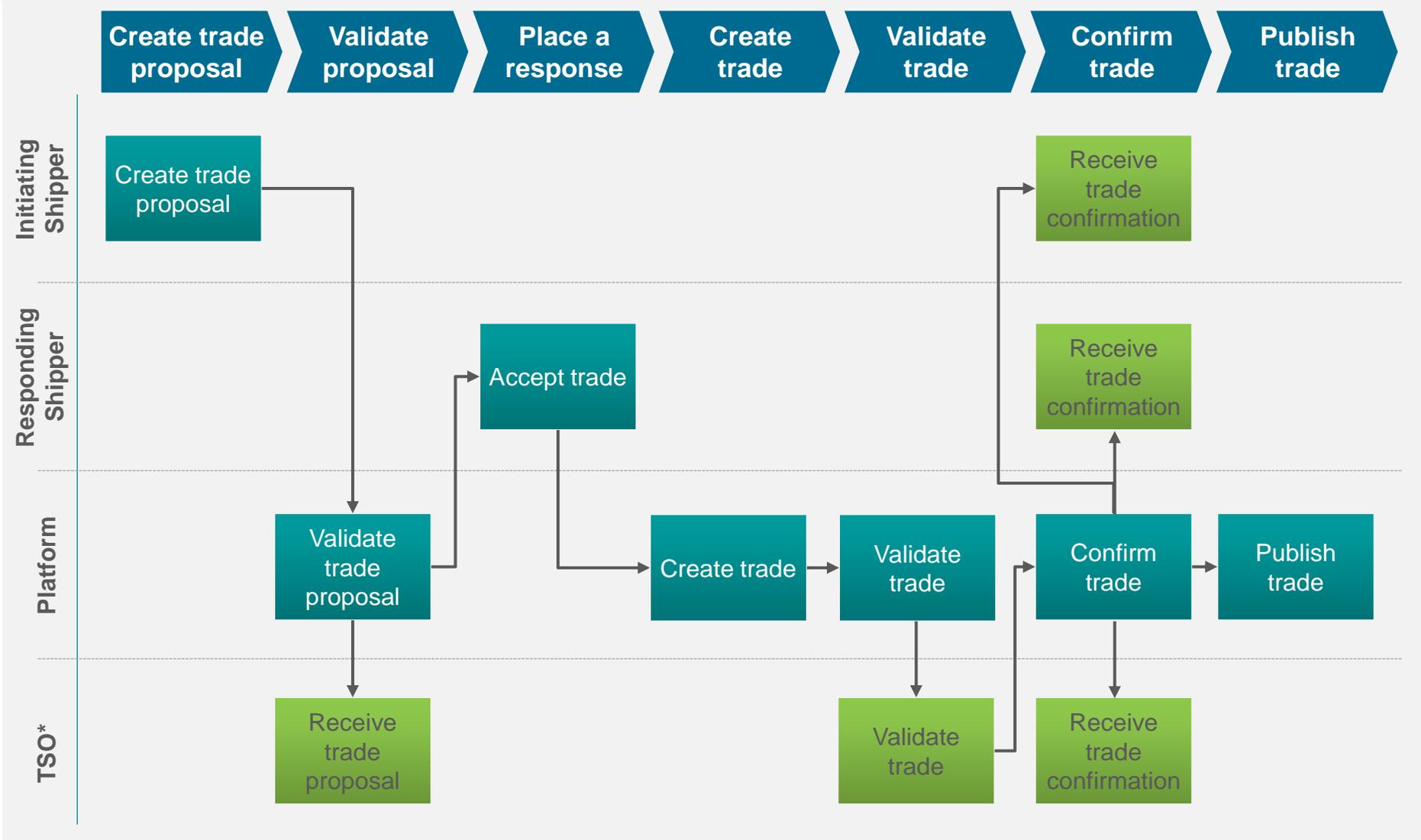
## KEY FACTS:

- The **shippers agree on a capacity trade in advance** (bilaterally outside of the platform), registration, confirmation and validation is done on the PRISMA platform.
- Price and conditions of the trade are agreed upon by the parties in advance.
- One of the involved shippers creates a trade proposal and states the counterparty.
- Counterparty is notified as soon as the Trade Proposal has been submitted and validated.
- Counterparty can respond to the Trade Proposal, the Request/Offer is considered as the confirmation of the counterparty.
- The counterparty that accepts or rejects the deal cannot change the price
- The vendor can also send an OTC request to several parties

	Initiated by Selling Shipper	Initiated by Buying Shipper
OTC	<ul style="list-style-type: none"><li>• Offline negotiation on price &amp; conditions</li><li>• <u>Selling Shipper registers transaction</u></li><li>• Buying Shipper only confirms</li></ul>	<ul style="list-style-type: none"><li>• Offline negotiation on price &amp; conditions</li><li>• <u>Buying Shipper registers transaction</u></li><li>• Selling Shipper only confirms</li></ul>

# Secondary Trading at PRISMA

## OTC Process Chart



\* 2 TSOs for bundled products

■ Activity on the platform

■ Activity is not on the platform

# Secondary Trading at PRISMA

## First Come First Served (FCFS)



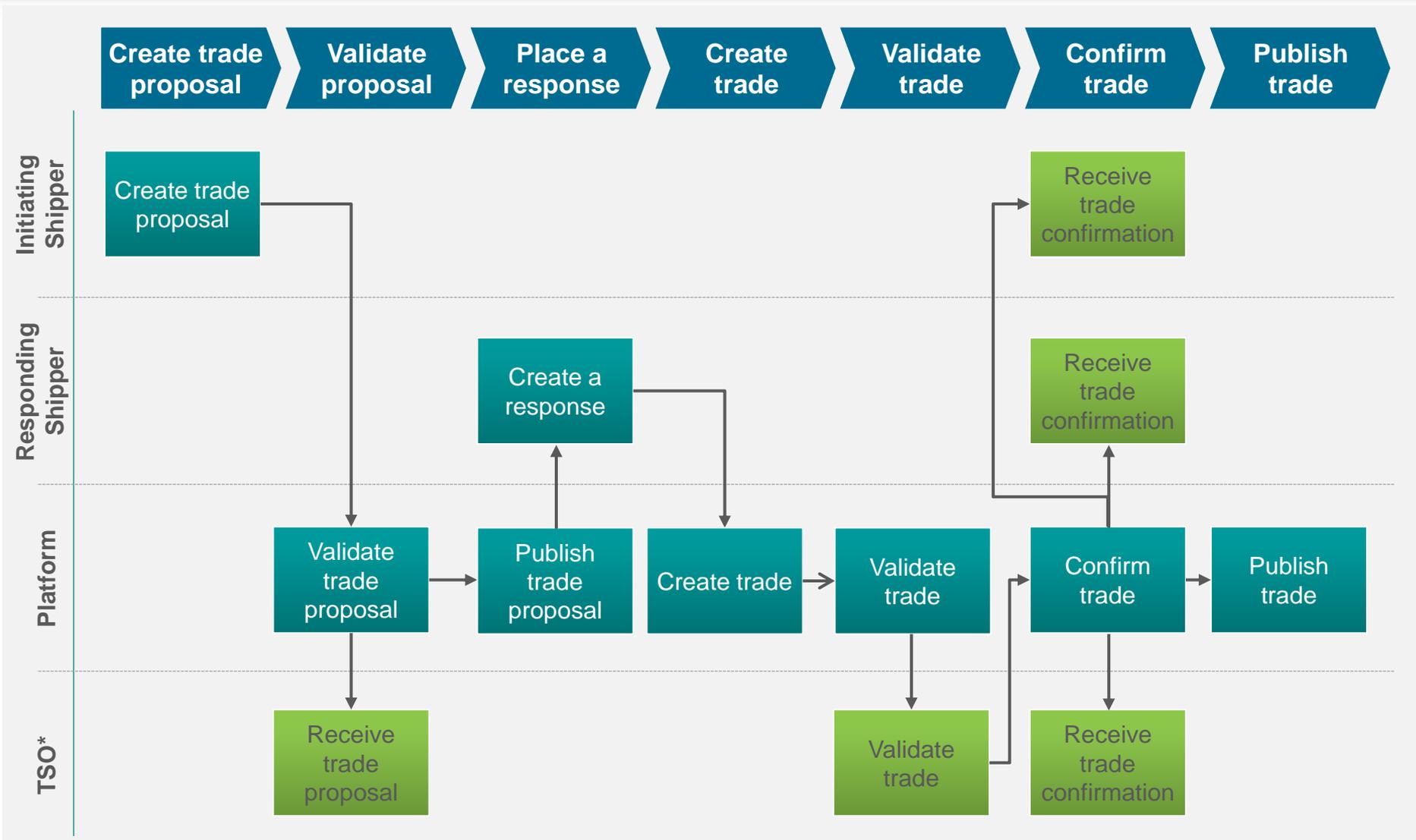
### KEY FACTS:

- Shipper creates a trade proposal, either a proposal to buy or a proposal to sell capacity.
- The price of the proposal (to buy or sell) is considered the fixed price the buyer/seller is willing to pay/sell.
- If a shipper wants to respond to a **proposal to sell**, he creates a **Request**.
- If a shipper wants to respond to a **proposal to buy**, he creates a **Offer**.
- Once the Request / Offer was submitted, it is automatically accepted.
- FCFS proposals are anonymous until the deal has been confirmed by the TSO.

	Initiated by Selling Shipper	Initiated by Buying Shipper
FCFS	<ul style="list-style-type: none"><li>• Binding offer by Selling Shipper <u>at a fixed price</u></li><li>• Countered with (partial) Response by Buying Shipper</li></ul>	<ul style="list-style-type: none"><li>• Binding request by Buying Shipper <u>at fixed price</u></li><li>• Countered with (partial) Response by Selling Shipper</li></ul>

# Secondary Trading at PRISMA

## FCFS Process Chart



\* 2 TSOs for bundled products

■ Activity on the platform

■ Activity is not on the platform

# Secondary Trading at PRISMA

## Call for Orders (CFO)



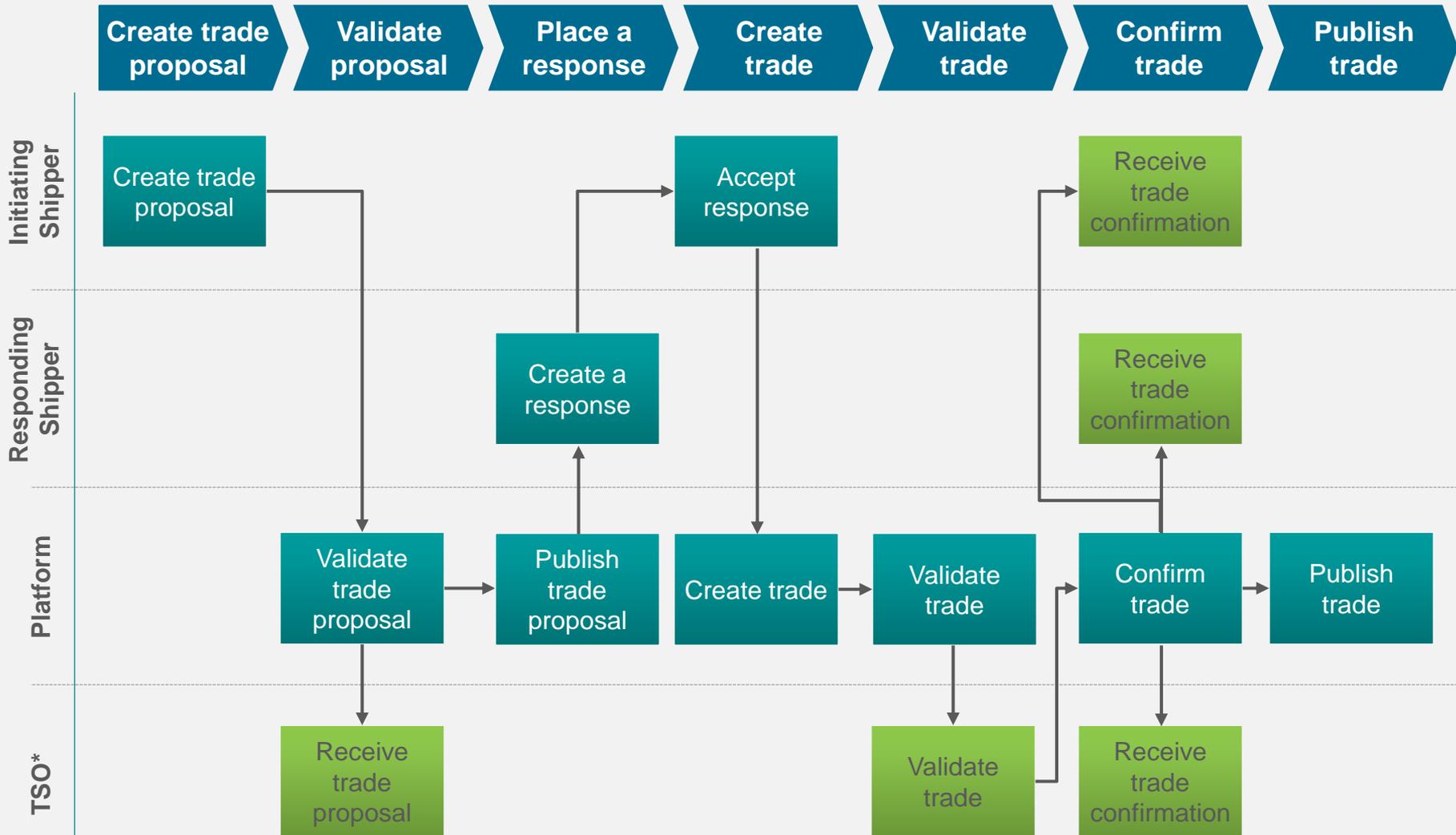
### KEY FACTS:

- Shipper creates a trade proposal, either a proposal to buy or proposal to sell capacity.
- Shipper can set a min. and max price the shipper is willing to pay/sell the capacity for.
- Shippers responding to a **proposal to sell** create a **Request**.
- Shippers responding to a **proposal to buy** create a **Offer**.
- When placing an offer, the vendor can set a minimum price he is willing to accept.
- When placing a request, the buyer can set a maximum price he is willing to pay.
- Both the buyer and the vendor have to set the maximum amount of capacity that they request/offer.
- The shipper who created the trade proposal can wait for several requests or offers to come in.
- The shipper who created the trade proposal can accept suitable requests or offers from all received requests / offers.
- CFO proposals are anonymous until the trade has been confirmed, i.e. is purely based on capacity facts; this implies that the trade cannot be negotiated.

	Initiated by Selling Shipper	Initiated by Buying Shipper
<b>Call for Orders</b>	<ul style="list-style-type: none"> <li>• CFO started by Selling Shipper</li> <li>• Buying Shipper proposes (partial) Response &amp; price</li> <li>• Response <u>evaluation by Selling Shipper</u></li> </ul>	<ul style="list-style-type: none"> <li>• CFO started by Buying Shipper</li> <li>• Buying Shipper proposes (partial) Response &amp; price</li> <li>• Response <u>evaluation by Buying Shipper</u></li> </ul>

# Secondary Trading at PRISMA

## CFO Process Chart



\* 2 TSOs for bundled products

■ Activity on the platform

■ Activity is not on the platform



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# Secondary Trading at PRISMA

## Additional Secondary Features: Trader Lists



- Trader lists can be used to restrict secondary trading to a defined number of counterparties
- Trader lists help shippers to restrict trading in accordance with their company's requirements (e.g. in terms of credit worthiness)
- When creating a trade proposal or placing a response shippers can decide whether they would like to apply a trader list in their trade proposal / response
- It is possible to prepare a number of trader lists in advance

### Limitations:

- A trader list has to have at least three entries
- Once a trader list is used, it can be withdrawn but no other list can be applied to the same trade proposal or response
- Once a trader list is applied, additional entries (shipper companies) may be added to the list
- Entries may only be removed after the trade proposal or response has reached a final status (e.g. expired or finished)

# Secondary Trading at PRISMA

## Additional Secondary Features: Trading Conditions



The screenshot displays the PRISMA European Capacity Platform interface. At the top left is the PRISMA logo. The top navigation bar includes links for HOME, GTCS, LEGAL, PRIVACY, DISCLAIMER, FAQs, and CONTACT. A user notification bubble indicates the user is logged in as 'TC User' and provides a 'Log out' link. Below this is a 'My PRISMA' button. The main navigation bar contains tabs for AUCTIONS, BOOKINGS, SECONDARY TRADING, NETWORK INFORMATION, and CUSTOMER CENTRE. The 'My PRISMA' section features a sub-menu with options: Dashboard, Contract Details, Comfort Bids, Account Maintenance, My Details, Company Information, Contact Persons, Status, Trader Lists, and Trade Conditions. The 'Trade Conditions' option is highlighted with a green box. A callout box with a green border and white text points to the 'Create New' button in the 'Trade Conditions' section, containing the text 'Create new trading conditions'.

- Shippers can choose standard trading conditions provided by PRISMA (Efet standard contract) or attach their own trading conditions to the product.
- Individual trading conditions can be uploaded to the platform. Those documents are then available during the creation of a trade proposal.



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# My PRISMA Overview



The screenshot displays the PRISMA website interface. At the top left is the PRISMA logo with the tagline 'EUROPEAN CAPACITY PLATFORM'. To the right is a navigation menu with links for © PRISMA, HOME, GTCs, LEGAL, PRIVACY, DISCLAIMER, FAQs, and CONTACT. A user notification box on the right says 'Hello You are logged in as TC User' with a 'Log out' link. Below this is a 'My PRISMA' button. A horizontal menu contains five items: AUCTIONS, BOOKINGS, SECONDARY TRADING, NETWORK INFORMATION, and CUSTOMER CENTRE. A large blue bar at the bottom left contains the 'My PRISMA' label. Below this bar is a grey navigation bar with links for Dashboard, Contract Details, Comfort Bids, and Account Maintenance.

- **MY PRISMA** is a central place on PRISMA where you can manage all of your activities including primary and secondary trading, surrendering capacity, maintaining your contract details, comfort bids, TSO relations as well as shipper and user account settings.
- To get to My PRISMA, sign in and click **MY PRISMA** at the top right of any PRISMA page.



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Dashboard | Contract Details | Comfort Bids | Account Maintenance

#### Auctions being Watched by Me

Auction ID	Status	Next Deadline	Network Point
38404099	●		DianaNP (DD001)
34537475	●		Ernstner - Entry (21Z000000000174M)
33816946	●		TiboPoint01 (TiboPoint01)
1343919	●		TiboPoint01 (TiboPoint01)
1245280	●		TiboPoint01 (TiboPoint01)
918236	●		BundlePoint04/BundlePoint04 (PRISMADUMMY-Bundle04)
557056	●		Wallbach (8418E)
524293	●		BTC-BP-4-Exit/BTC-PL-BP-

#### My Company's Bids

Auction ID	Status	Next Deadline	Network Point
40861736	●		Marcus Point 01 (MarcusPoint01)
40632331	●		BundlePoint07 (11XPRISMADUMMY-BundleENTR)
40632330	●		PRISMAPoint04 (PRISMAPoint04)
40534068	●		Marcus Point 06 (MarcusPoint06)
40534048	✗		BundlePoint07/BundlePoint07 (PRISMADUMMY-Bundle07)
40501264	●		Marcus Point 01 (MarcusPoint01)
40304640	●		PRISMA2BundlePoint01/PRISMA1E (Prisma2BundlePoint01/Prisma1Bun

#### Network points Being Watched by Me

Network Point ID	Network Point Name
Mallnow-GASCADE-40-GAZ-SYSTEM	Mallnow/Mallnow
MarcusPoint01	Marcus Point 01
Prisma2BundlePoint01/Prisma1BundlePoint01	PRISMA2BundleP

#### My Company's Contract Details

Contract Number	TSO	Runtime	Network Point
EXIT-NBR-TRACX1-2	Energinet.dk	01.05.2013 06:00 - 01.06.2013 06:00	Njoro (Njoro)
EXIT-NBR-TRACX1-1	Energinet.dk	10.04.2013 06:00 - 11.04.2013 06:00	Njoro (Njoro)
EXIT-NBR-TRACX1-3	Energinet.dk	11.04.2013 06:00 - 12.04.2013 06:00	Njoro (Njoro)
EXIT-NBR-TRACX1-4	Energinet.dk	01.05.2013 06:00 - 01.06.2013 06:00	Njoro (Njoro)
00002337	PRISMA European Capacity	27.09.2013 06:00 - 28.09.2013 06:00	BundlePoint06 (11XPRISMADUMMY-BundleEXIT08)

#### My Company's FCFS Bookings

Deal ID	Network point	Runtime Start	Runtime End	Capacity Category
41484291	BTC-NP-1 (BTC-NP-1)	18.12.2014 06:00	19.12.2014 06:00	Interrupt
41156610	BTC-BP-AllCategories-Entry (BTC-BP-AllCategories-Entry)	01.09.2015 06:00	01.10.2016 06:00	Interrupt level 2
41123850	BTC-BP-AllCategories-Entry (BTC-BP-AllCategories-Entry)	06.09.2014 06:00	06.09.2015 06:00	Interrupt
40992825	Boston (EIC!7121X-DE-F-AQA0A-2 132 EXIT)	31.10.2014 06:00	03.09.2015 06:00	FZK
40992824	Boston (EIC!7121X-DE-F-AQA0A-2 132 EXIT)	01.10.2014 06:00	31.10.2014 06:00	FZK

#### Network Point Search

Name or ID of Network Points:

Market Area:

Transmission System Operator:

Entry  Exit  H-gas

L-gas

[Advanced Search](#)

#### Current Auctions

Auction ID	Next Deadline	Network Point ID	Marketable Capacity	Capacity Category	Product	Action
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#### Auction Calendar

- The dashboard is the **section of your personalised activities** on PRISMA
- It displays
  - your company's bids
  - your watched auctions and network points
  - your company's FCFS bookings
  - Currently running auctions
  - the auction calendar



**My PRISMA**

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**Auctions being Watched by Me**

Auction ID	Status	Deadlines	Network Point
524289	D		BTC-BP-2-Exit
524291	1		BTC-BP-2-Exit
524293	1		BTC-BP-4-Exit BTC-PL-BP-4-Entry
557056	D		8418E

**My Company's Bids**

Auction ID	Status	Next Deadline	Network Point	Action
524293	1	End 23.01.2013, 14:00	BTC-BP-4-Exit BTC-PL-BP-4-Entry	⚙️
524291	1	End 23.01.2013, 14:00	BTC-BP-2-Exit	⚙️
393219	●		BTC-BP-4-Exit BTC-PL-BP-4-Entry	⚙️
393216	●		BTC-BP-1-Exit	⚙️
294912	●		BTC-NP-1	⚙️
163864	●		BTC-NP-2	⚙️
163863	●		BTC-NP-1	⚙️

**Network points Being Watched by Me**

Network Point ID	Network Point Name	Marketing Transmission System Operator (TSO)	Action
52	Ahltten	Nowega GmbH	⚙️
BTC-BP-3-Exit/BTC-PL-BP-3-Entry	BTC-BP-3-Exit/BTC-PL-BP-3-Entry	BTC AG BTC Business Technology Consulting Sp. z o.o.	⚙️
BTC-PL-BP-3-Entry	BTC-PL-	BTC Business	⚙️

Auctions at this network point

FCFS-Booking request for this network point

No longer watch this network point

View details

- From the Dashboard you can easily view the auction details and submit further bids in running auctions
- Moreover, you will receive an email notification from the platform if an auction is published or starts at one of your watched network points.



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# My PRISMA

## Account Maintenance



**My PRISMA**

Dashboard | Contract Details | Comfort Bids | **Account Maintenance**

My Details | Company Information | Contact Persons | Status | Trader lists | Trading Conditions

**My Details** Deactivate Your User Account ?

**!** Except for password changes, any changes will become active no earlier than the next work day.  
**!** Changes to the email address and name are only possible in written form. The corresponding form is available in the [download section](#)

**User Details**

Salutation

Title

First Name

Last Name

Email Address

Telephone

Mobile Telephone

Fax

Receive email notification on opened auction

Receive email notification on published auction

Receive email notification on unsuccessful bidding.

- In this section you can view and change the data you have entered during the registration process
- It is divided into:
  - My Details (your personal data)
  - Company Information
  - Contacts of your company
  - Status (your business status with connected TSOs)
  - Trader Lists (for secondary trading)
  - Trading Conditions (for secondary trading)

# My PRISMA

## Account Maintenance



The screenshot shows the 'Customer Centre' section of the My PRISMA website. At the top, there are navigation tabs: AUCTIONS, BOOKINGS, SECONDARY TRADING, NETWORK INFORMATION, and CUSTOMER CENTRE (which is highlighted). Below the tabs is a header for 'Customer Centre' with a navigation menu containing: About PRISMA, Auction Calendar, Registered Shippers, Exchange Rates, Download (highlighted), News, FAQs, and Contact. A secondary menu includes Download and Auction Reports. The main content area is titled 'Documents' and contains two sections: 'Documents for TSO' and 'Documents for Customers'. The 'Documents for Customers' section lists 12 items, each with a document icon, a title, and a size in kilobytes (K).

Document Title	Size (K)
Form – Introduction of a new/ changing an existing market area	116.815 K
Form – TSO role change	51.765 K
Form – Change of bank details / VAT no.	682.49 K
Form – Change of company billing address	216.832 K
Form – Change of company information	75.28 K
Form – Change of general contact details of the dispatching (control center)	248.325 K
Form – Change of user information	144.362 K
Form – Deactivation of a shipper company	824.595 K
Form – Deactivation of a user account	716.977 K
Form – DVGW code for Trading with German TSOs	212.294 K
Form – EIC Code statement	144.22 K
Form – Email address change of market area representative	114.437 K
Information – Automated shipper interface	210.144 K

- Not all company and user data can be changed directly on the webpage – changes to certain sensitive data require **approval both at the Shipper and the Platform side.**
- To facilitate secure changes to the company and user data, there exist specific forms for each possible change, which can be found in **My PRISMA → Customer Centre → Download**
- The general rule for completing a change form is provision of:
  - the required information to the best of your knowledge
  - 2 signatures (of the change initiator and his/her line manager)
  - 2 checkmarks of consent
  - a company stamp (if exists)



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**Customer Centre**

About PRISMA primary | Auction Calendar | Registered Shippers | **Download** | Press | FAQs | Contact

**Download** | Auction Reports

**Documents** ?

**Documents for TSO**

 [Change of Group Membership/Status](#) (42.84 K)

**Documents for Customers**

 [Change of Bank Details / Tax ID](#) (44.412 K)

 [Change of Email Address](#) (44.071 K)

 [Form Change of Company Name](#) (43.815 K)

**General Information**

 [Auction Calendar 2011-2012](#) (23.927 K) English

 [Auction Price Steps \(German only\)](#) (41.228 K) English

 [CAM Auction calendar starting April 2013](#) (158.271 K)

**Legal Information**

 [General Terms and Conditions PRISMA primary](#) (84.68 K) English

- Further information on platform features, interconnection points as well as all necessary shipper documents can be found in the Download Section of PRISMA at <https://platform.prisma-capacity.eu>.
- Additionally, you can also find the training presentation, auction reports, latest press releases and newsletter as well as a list of registered shippers in the Customer Centre



### **For all the issues and questions before registration**

PRISMA Hotline

- Tel.: +49 341 699 2990 66
- [platform@prisma-capacity.eu](mailto:platform@prisma-capacity.eu)

### **For all the issues and questions during and after registration**

PRISMA Helpdesk

- Tel.: +49 341 699 2990 69
- [helpdesk@prisma-capacity.eu](mailto:helpdesk@prisma-capacity.eu)

### **For the TSO-related issues**

- Please call your individual TSO contact

**Thank you for your attention**

