

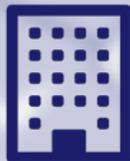
We believe
in the power of collaboration.

ACER workshop

June 19, 2018



+2500
Users active on
the platform



38
TSOs



17
Markets connected



+600
Active Shipper
companies



+200 k
FCFS bookings



+1500
Network points on
the platform



+5.7 mio
Auctions at
interconnection points



3
SSOs



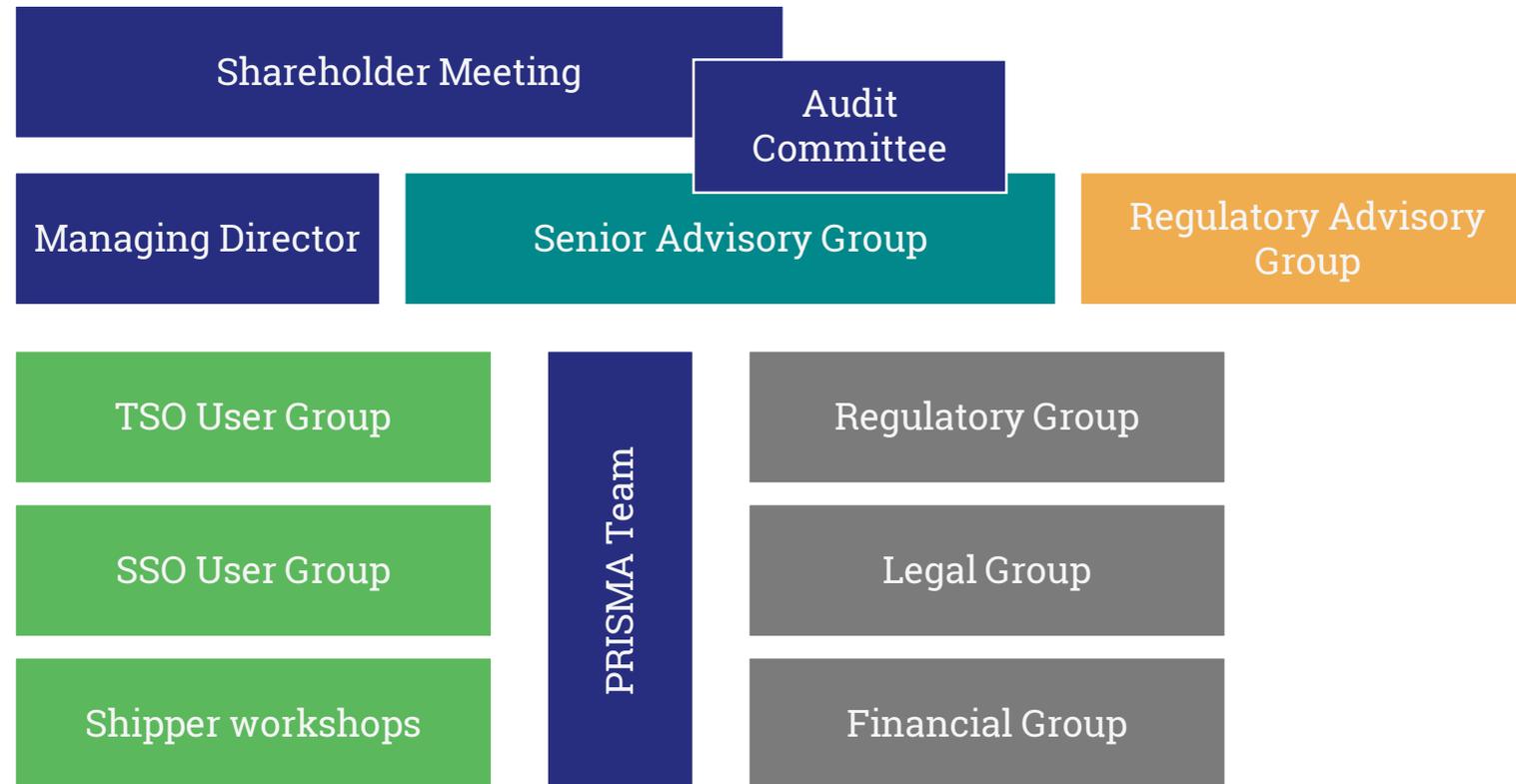
26
Employees

How

We discover, design
and deliver.

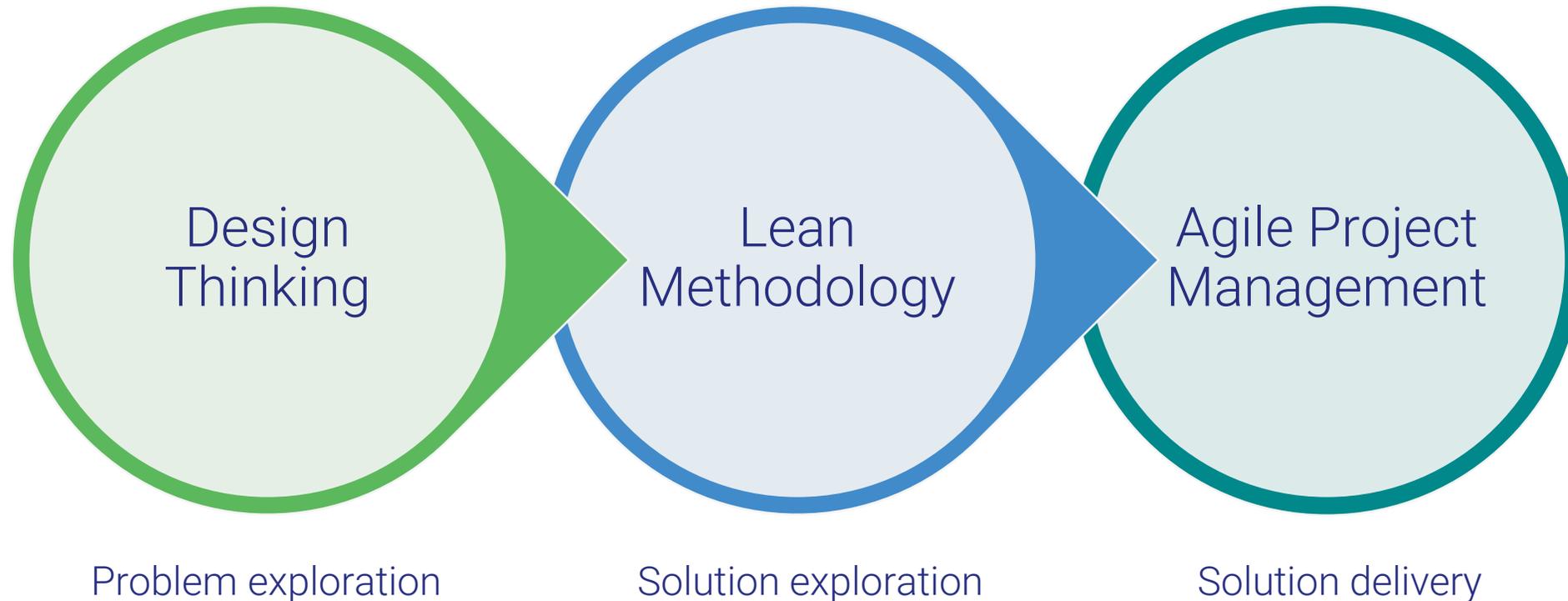
Users and regulators involved in every step

All stakeholders are involved thanks to our collaborative governance



We can react to shifted priorities

PRISMA is working according to lean and agile development methods



Direct customer contact



Constant monitoring

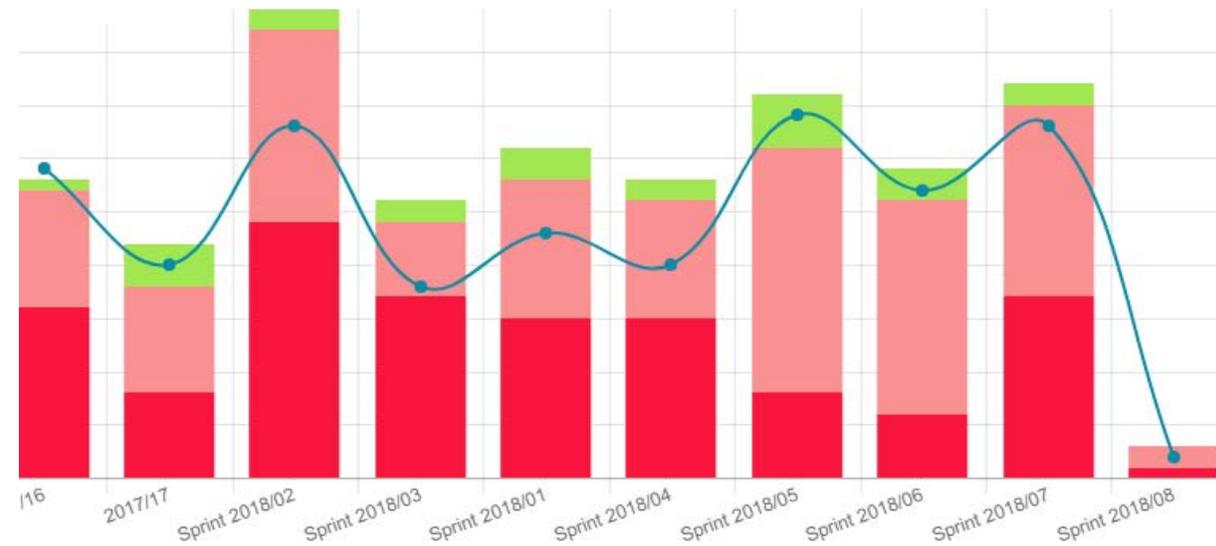
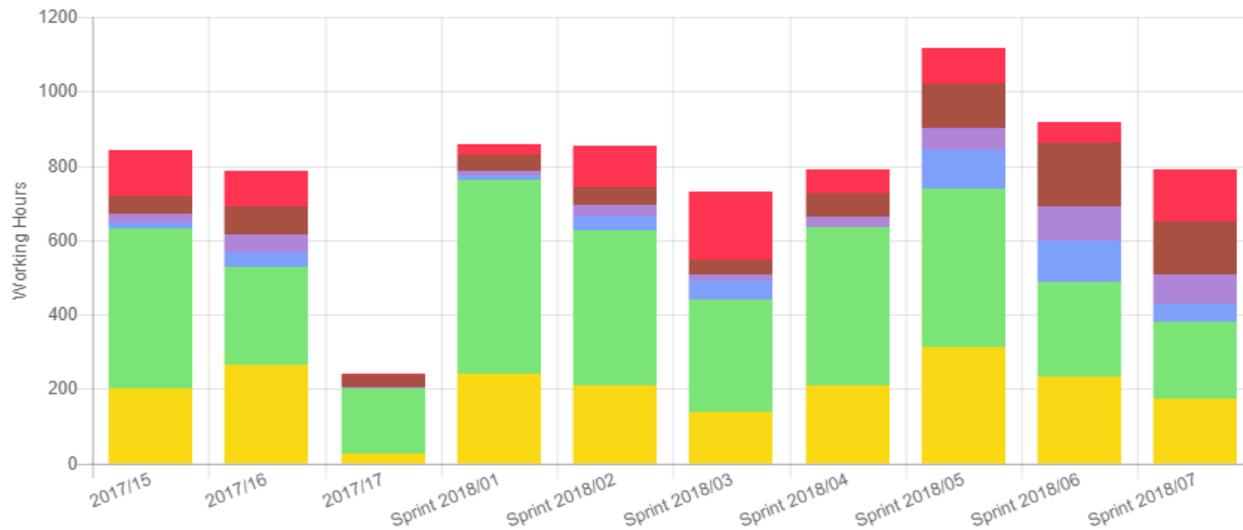
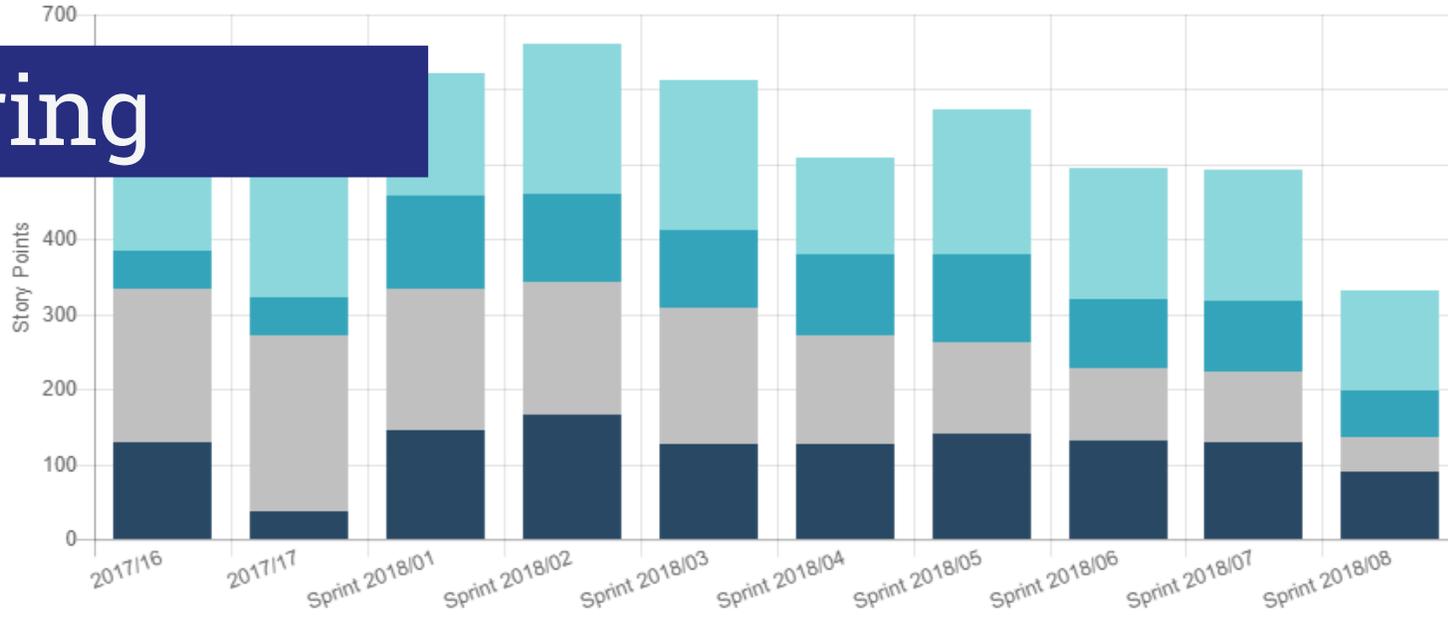
Velocity Chart

3-Sprint Average Performance Velocity

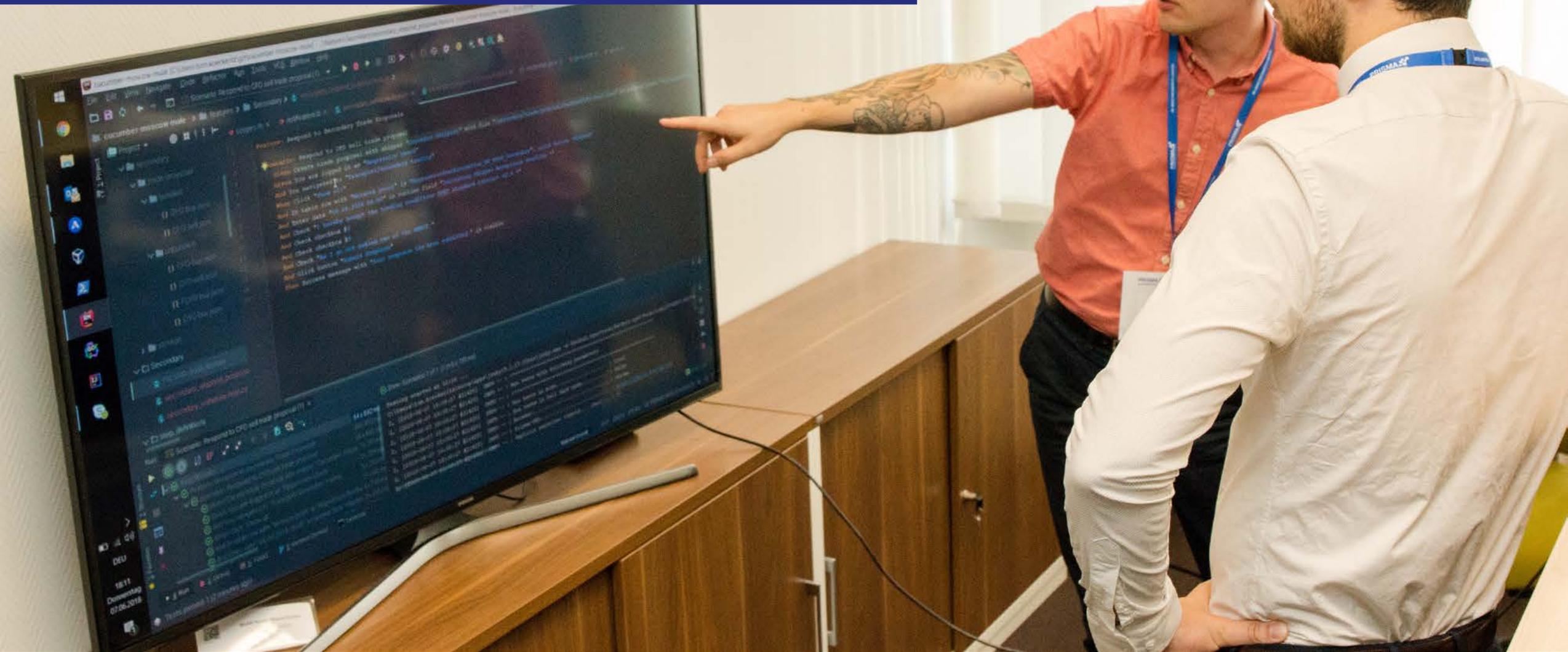


Work in Progress Chart

READY ON HOLD OPEN DONE



Quality assurance



Data security is key

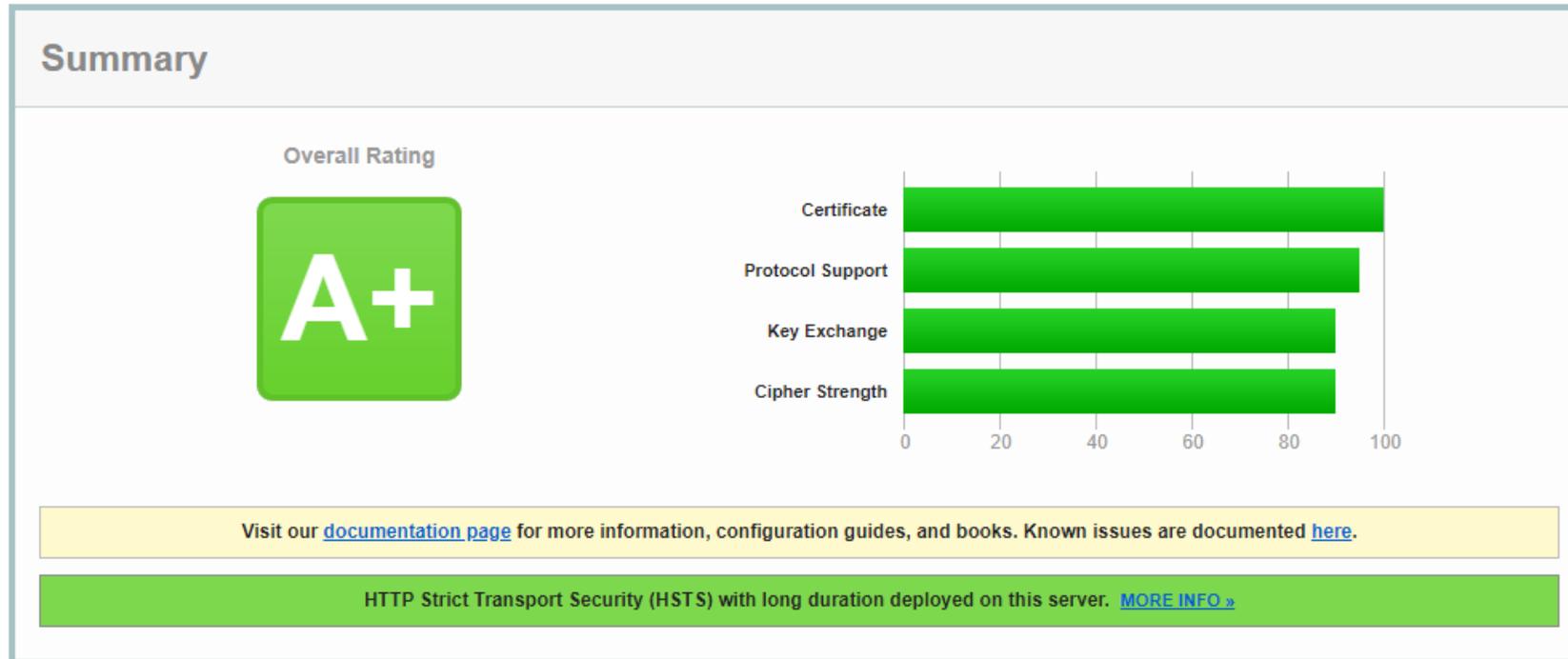
PRISMA complies to highest security standards and is constantly audited



CIA Information Security Triad

Never compromise on security

PRISMA is constantly having its security validated by independent experts



Run the test yourself:

<https://www.ssllabs.com/ssltest/analyze.html?d=platform.prisma-capacity.eu&latest>

What

We offer.

Criteria as shown in the Baringa study (2015)

| ID | Category | Requirement | PRISMA | | |
|----|---|---|------------|--|--|
| | | | Unweighted | Weighted | Comments |
| 1 | NC core requirements | Allocation of firm capacity | ● | 12 | Full compliance with CAM NC firm capacity allocation |
| 2 | | Allocation of interruptible capacity | ● | 4 | Full compliance with CAM NC interruptible capacity allocation |
| 3 | | Bundling of capacity products | ● | 12 | Full compliance with CAM NC 1:1 capacity bundling |
| 4 | | Ascending clock auctions (yearly, quarterly, monthly) | ● | 12 | Full compliance with CAM NC ascending clock auctions |
| 5 | | Uniform price auctions (day-ahead, within-day) | ◐ | 9 | Compliance - in live environment; no within-day auctions run yet in live environment* |
| 6 | | Day-ahead bid roll over | ◐ | 6 | Functional and in production, not yet been used in live auctions* |
| 7 | | Support of kWh/h and kWh/d as capacity unit | ◐ | 4 | Partial compliance; kWh/d to be implemented by mid-October |
| 8 | | Secondary capacity trading | ● | 12 | Full compliance with secondary trading facilitation |
| 9 | | Automated bidding | ● | 8 | Full compliance with automated bidding |
| 10 | | Reporting of platform transactions (bidders and public) | ● | 8 | Full compliance with reporting platform transactions and auction results |
| 11 | | Bundling of capacity in 1:n situations | ● | 12 | Full compliance with CAM NC 1:n bundling |
| 12 | | Offer of competing capacity products | ● | 4 | Full compliance with CAM NC competing capacities |
| 13 | NC ass. req. | Surrender of capacity | ● | 4 | Full compliance with capacity surrender methodology in CMP |
| 14 | | Buyback of capacity | ● | 4 | Full compliance with capacity buyback methodology in CMP |
| 15 | | REMIT data reporting obligations | ● | 8 | Full platform transaction reporting capability, likely compliance once REMIT finalised |
| 16 | Enabling IT | Authorisation level management | ● | 8 | Full control over the management of user authorisation and access |
| 17 | | Network point display and administration | ● | 8 | Full control over the management of network points |
| 18 | | Secure platform access for network users | ● | 12 | Secure access for both TSO and shipper users |
| 19 | | Peak service load | ● | 8 | PRISMA infrastructure is physical and used / available capacity is approx. 30% available |
| 20 | | (Financial) insurances taken up to cover disruptions | ● | 4 | Platform specific insurance plus service provider insurance with total annual cap of €30m |
| 21 | | Data backup and security | ● | 12 | Platform specific data backup and security standards and policies |
| 22 | | Continuing development (EU / national regulations) | ● | 12 | Planned and documented development milestones for future capability |
| 23 | | Shipper and user registration on the platform | ● | 12 | Clear registration processes for TSOs and shippers |
| 24 | | Graphical user interface of the platform | ◐ | 9 | Usable UI with some issues (navigation and performance), usability improvement underway |
| 25 | | Options for connection to the platform | ◐ | 3 | GUI available plus web services available and limited services for users |
| 26 | TSO and shipper automated communication | ● | 12 | Fully fledged web services interface available and used by the majority of PRISMA TSOs | |
| 27 | User friendliness | Multi-currency booking | ● | 4 | Multi currency booking, with ForEx rates from European Central Bank |
| 28 | | Credit limit check | ● | 8 | Complex and mature real-time credit limit function, aligned to TSO credit mechanism |
| 29 | | Cost reflective fees | ● | 12 | Alignment of fees to costs: see further slides on 'Charging structures' and 'Governance' |
| 30 | | Cost transparency for TSOs | ● | 12 | Transparency of charging structure: see further slides on 'Charging structures' and 'Governance' |

Note. Baringa considered criteria with IDs 5 and 6 for PRISMA, and ID5 for RBP respectively, as technically compliant with CAM NC, and therefore did not account as non-compliant on slide 12 overview of compliance as of 19 August 2015. The criterias' compliance is rooted in functions being available in live environment, but not yet running in auctions. This is a consequence of taking account of discussions in the study Steering Group of 25 August 2015.

PRISMA is fully compliant with all “Baringa-criteria”

Focus on open criteria in Aug. 2015



Uniform price WD auctions

Over 5 mio within-day auctions have already been held on PRISMA



DA bid roll over

Available since Nov. 2015 and used by 93 shippers



Support of kWh/d

Implemented and used by the British TSOs since Oct. 2015



Graphical user interface

Continuous performance improvements
Major Usability measures implemented together with platform users



Connection to platform

GUI and web services available for users
New state-of-the-art REST API available since Sept. 2017



100+ Users of REMIT service

REMIT Compliance Council & Guidelines
Regular trainings of staff & service providers

Status of additional CAM criteria and national requirements

Focus on new criteria related to CAM and national requirements



Incremental capacity

Early implementation: Feb. 2018
Used for upcoming yearly auctions
([Video tutorial online](#))



Balancing groups

Available since 2013 and used by all
German/Austrian TSOs



Capacity upgrade services

Available since 2013 and used by
all German TSOs



Anonymity of trading procedures

Shipper anonymity is ensured during both the
primary and the secondary capacity booking
processes



Protocols and message formats

AS2 available, AS4 as of 1st request
Edig@s in place for REMIT reporting
Can be extended to TSOs & shippers on request.

Strong performance regarding the additional evaluation criteria

Focus on new evaluation criteria



Price effect towards end users

Platform cost are fully transparent
Access is free of charge for network users



Capacity conversion service

Available since 2018
Extending CAM scope (incl. DA conversion)



User input in platform development

All stakeholder groups involved
by continuous consultations

From helpdesk to customer care

Focus on new evaluation criteria



Helpdesk availability

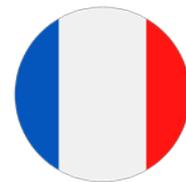
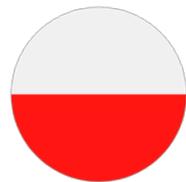
Technical and business support available 24/7



Helpdesk availability in other languages

Current helpdesk available in English and German; Italian available as of Aug. 2018.

Thanks to our international team, we are also able to support individual requests in the following languages by native speakers: English, German, Italian, Polish, Russian, Spanish, French, Portuguese and Dutch



A roadmap in line with market needs

- Improved TSO GUIs
- Cloud hosting
- Shipper API v.2
- New customer care approach
- Reporting section improved
- Secondary trading simplified
- User registration eased
- SSO services extended
- Improved primary trading
- New TSO pricing model



Service pricing is evolving to better suit the growing collaboration

| | | | |
|----------|---|--------------------------------------|---|
| Existing |  | Based on ENTSOG voting rights | Costs allocated according to ENTSOG voting rights |
| |  | Fixed price | Case by case for customers not bound to CAM |
| Future |  | Usage based | Costs allocated to platform functionalities |

Independent Platform Operator

Transparency in Governance and Finance – Ensuring Compliance and Competition



Cost Transparency

Balance sheet published
Annual closure report
Yearly Audit



Governance Transparency

Articles of Association and
Shareholder Structure publicly available



Platform Ownership

Intellectual property fully owned by PRISMA
Independence from licensing
Clear contractual responsibility



Inter-TSO Competition

Confidentiality of data as required by
Antitrust and Energy Regulation



Development of Specific Services

Increased cost-efficiency of TSOs
Compliance with national regulation
Considered in Service Contract



Platform Performance

Reliability and Stability
Continuous Development
Customer Experience

WE MAKE FAIR MARKETS HAPPEN

“[...] what I appreciated the most was the ability to experience how the environment in PRISMA is challenging and dynamic, you are truly a beautiful society made up of fantastic people.” – Italian Shipper

“[...] We are really looking forward to use PRISMA as one of our marketing channels, giving our customers the possibility to buy storage capacities on the leading and best known transmission capacity platform in the European gas business.” – Austrian SSO