

Data Exchange & Switching

Belgian Grid 26/9/2016

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Data considered - Sources

Data exchanges:

- Injection and offtake measurements (qh)
- Allocations
- CDS Loop losses
- Nominations

Sources :

- Grid Code: federal, Brussels, local transport Flanders and Wallonia
- Contracts: ARP, SOK, CIPU, Access, Connection
- CDS manual

Parties involved

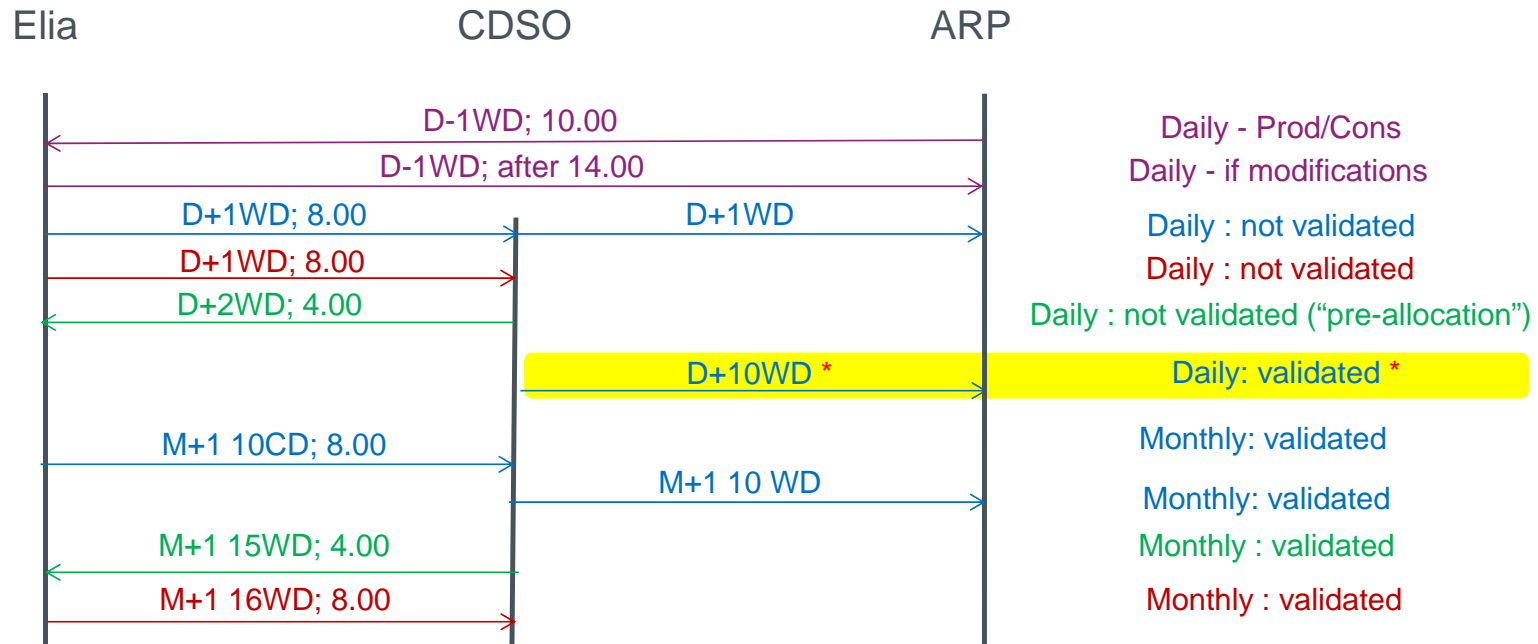
Focus on exchanges between multiple market actors (3) :

- CDSO – Elia – ARP
- CDSO – Elia – Elia subcontractor – ARP
- CDSO – Elia – Supplier
- CDSO – Elia – Elia subcontractor – Supplier
- DSO – Elia – ARP

Data Exchange

CDSO – Elia – ARP

Data : Injection and offtake measurements (qh) ; CDS Loop losses ; Allocation ; Nominations

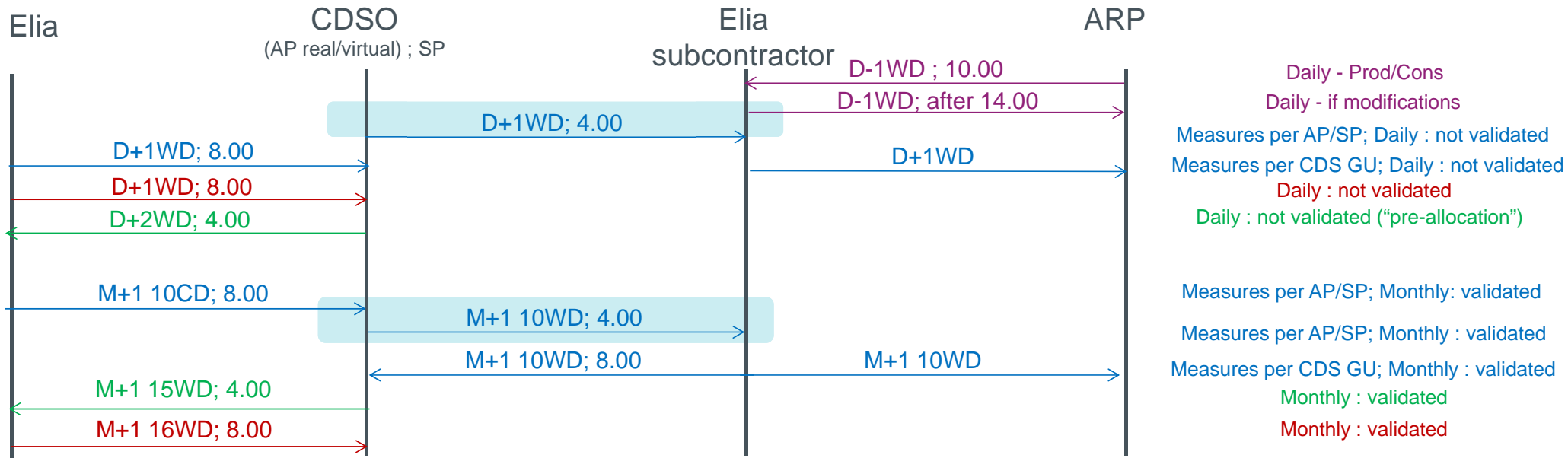


* Only in grid code for electricity transport in Flanders

CDSO – Elia – ARP

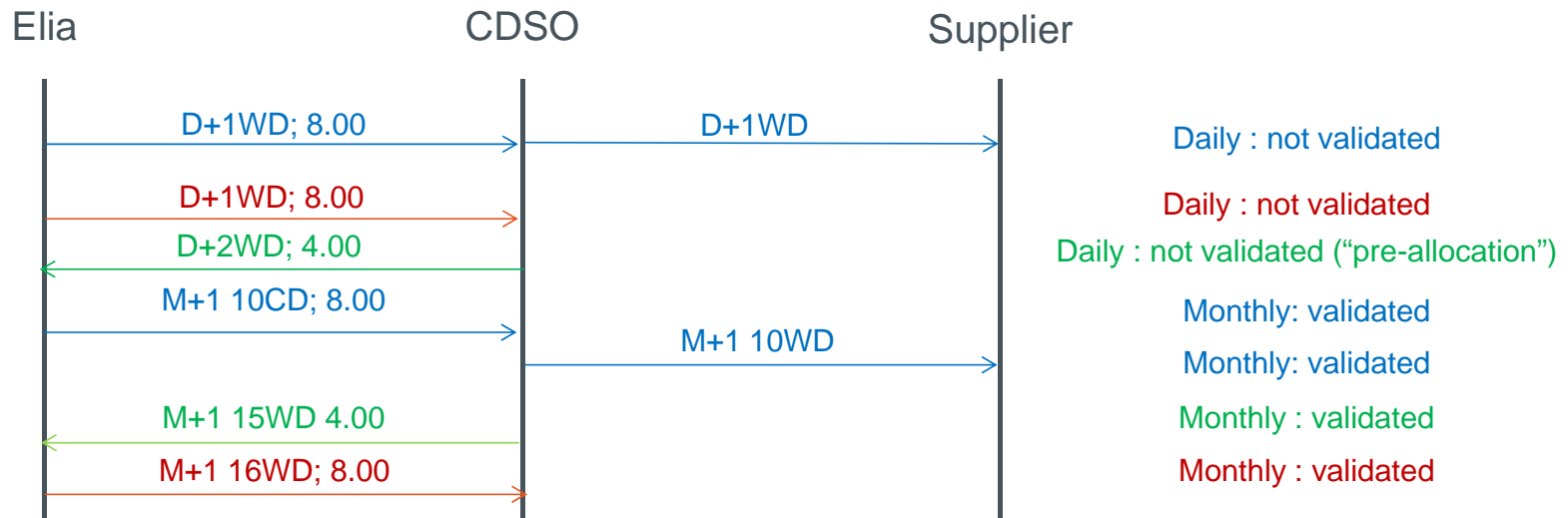
CDSO with real/virtual access point or services

Data : Injection and offtake measurements (qh) ; CDS Loop losses ; Allocation ; Nominations



CDSO – Elia – Supplier

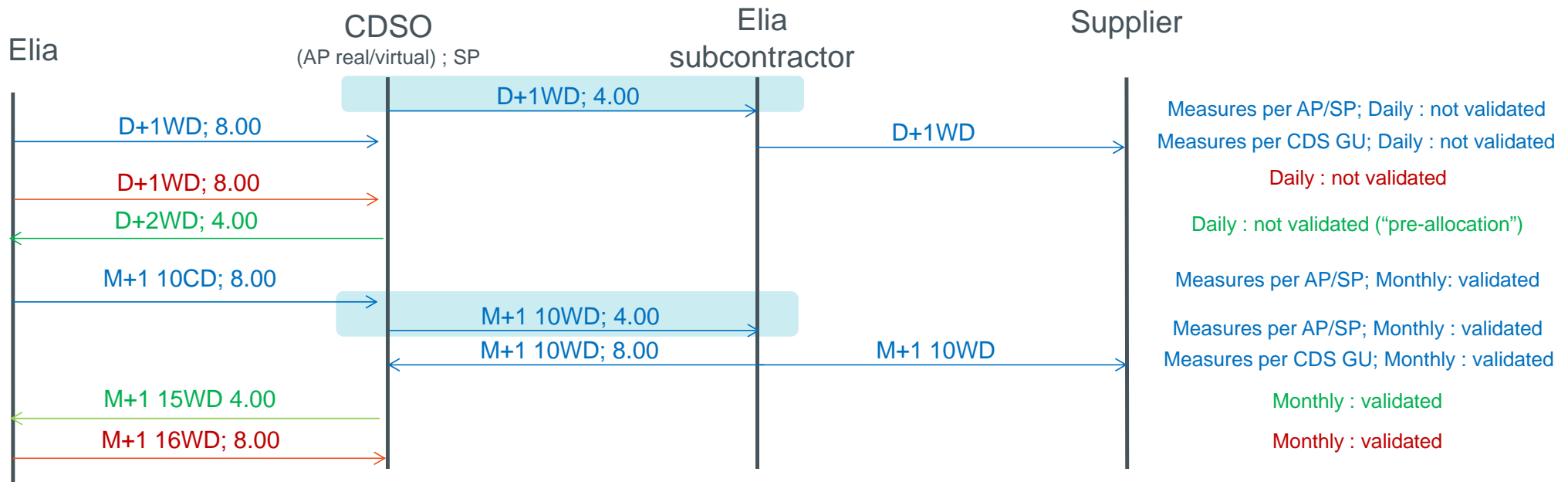
Data : Injection and offtake measurements (qh) ; CDS Loop losses ; Allocation ; Nominations



CDSO – Elia – Supplier

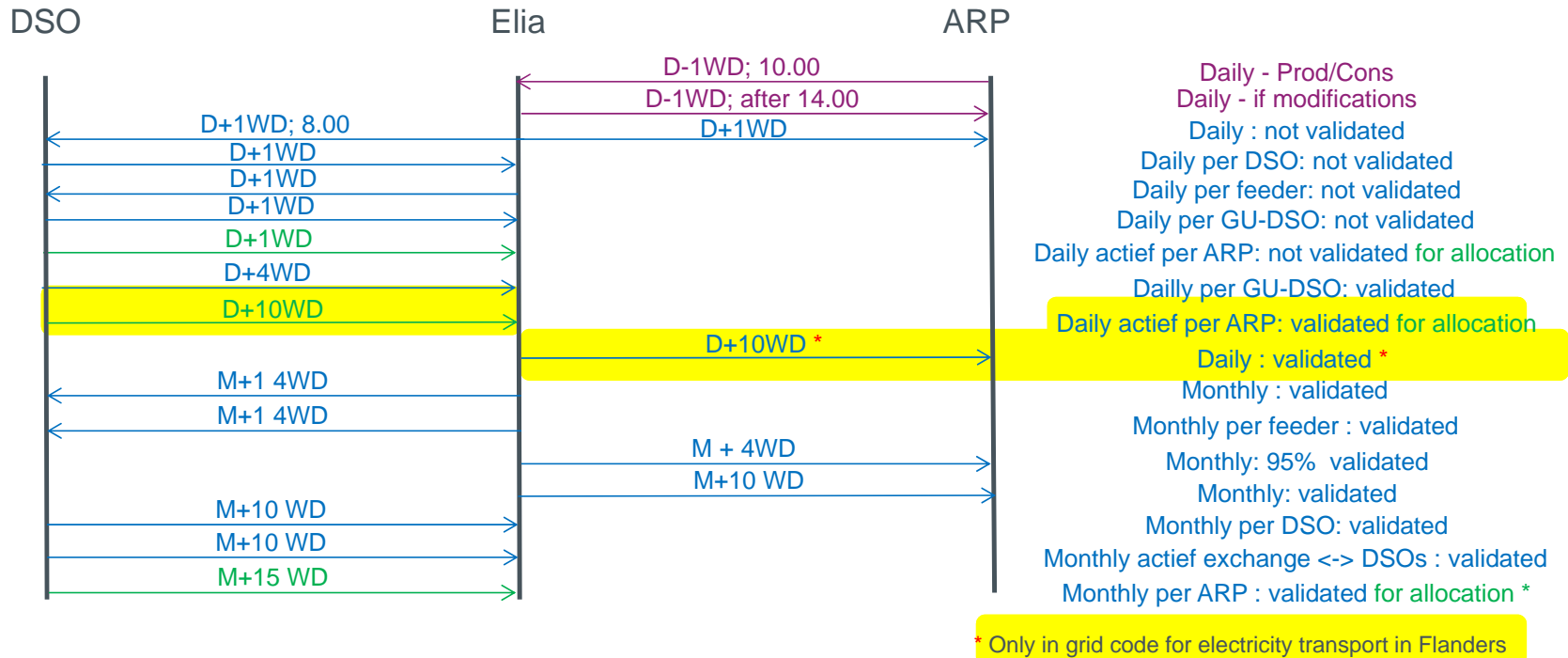
CDSO with real/virtual access point or services

Data : Injection and offtake measurements (qh) ; CDS Loop losses ; Allocation ; Nominations



DSO – Elia – ARP

Data : Injection and offtake measurements (qh) ; CDS Loop losses ; Allocation ; Nominations



Data Exchanges - Conclusions

- Complex exchange
- No contradiction in real time
- Some more severe rules in the TRPVN

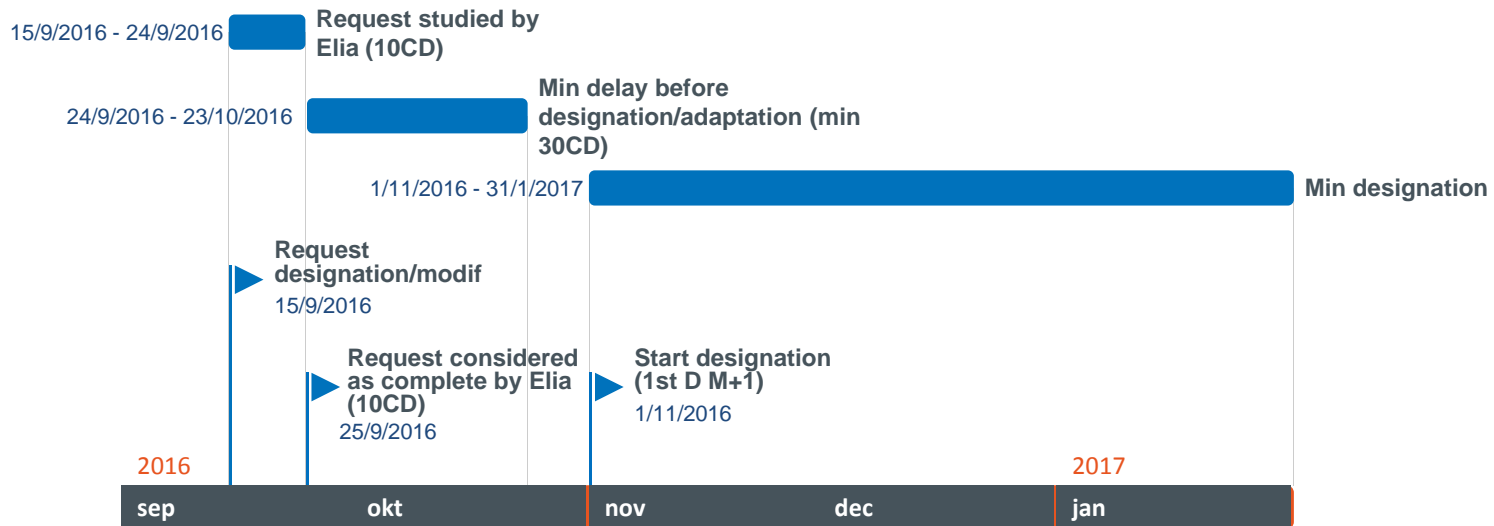
Switching

Switch ARP or/and Access Holder (same timing) General case (Grid User <> Access Holder)



from art.8 and art.10 of acces contrat

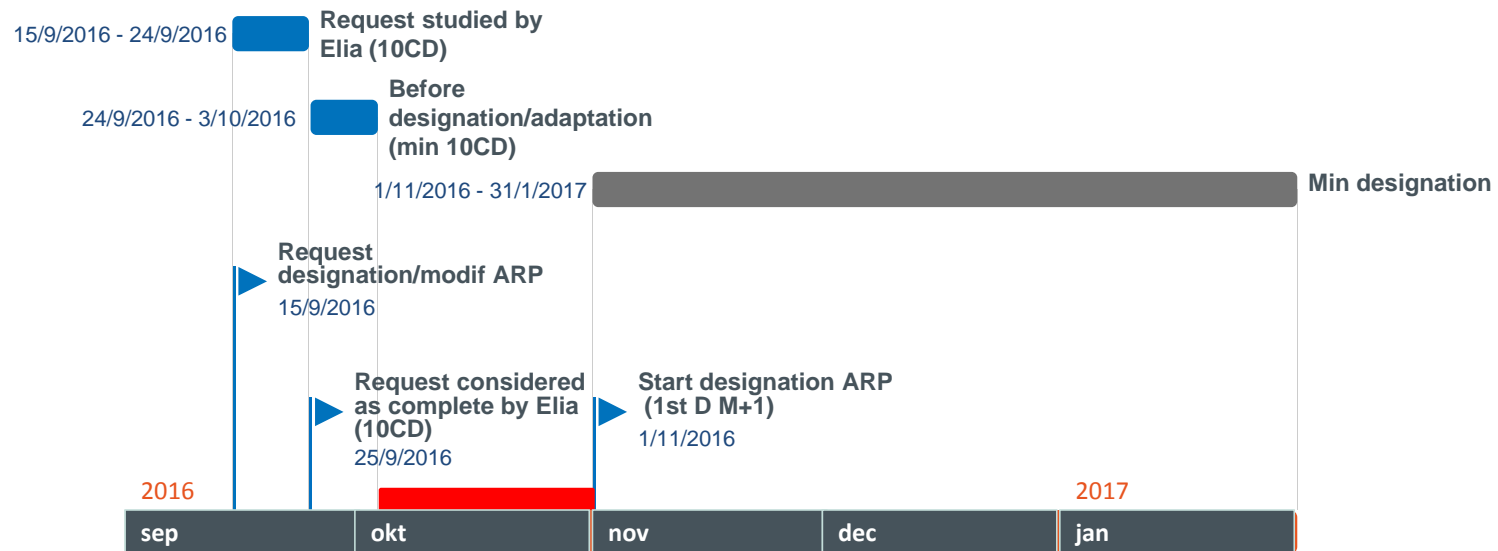
Switch ARP / Access Holder (same timing) Case with CIPU



from art.8 and art.10 of acces contrat

Switch ARP

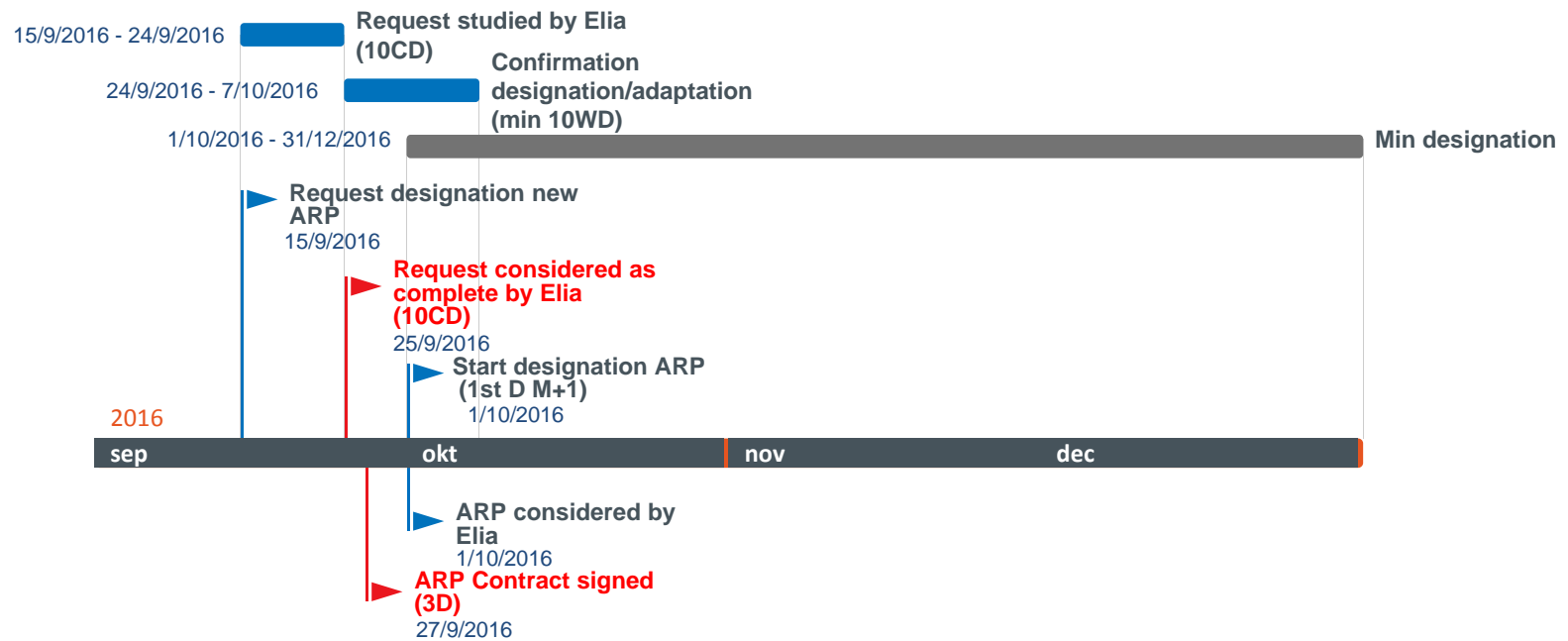
Grid User = Access Holder



from art.8 of acces contrat

Switch ARP

Case new ARP not yet with ARP statute



from art.10 of acces contract and art.15 of ARP contract

Switching - Conclusions

General case:

- The problem was identified in May and based on the inputs of the UG, ELIA propose an adaptation of the contract.

New ARP not yet with ARP statute

- Can be solved by requiring that the switch to a new ARP could only be done if the new ARP is contractually and administratively in order



Many thanks for your attention!

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