



Eress Forum 2024

Infraestruturas de Portugal



Eress Solution for the exchange of energy data in Europe

Eress Forum 2024

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Topics

Services from the Eress Administration

The main functions of exchange

Exchange partners in Europe

Coming features

Services from the Eress Administration

- Development and testing of new functionality for the Erex system, including Erex Exchange
- Continuous monitoring data flow
- Managing the master data exchange towards other Exchange responsible in Europe
- Assist in testing and approving new DCS for data flow of data for the RUs of Eress partners

Datasource delivery status

Status	Sources	Delay (h)	CPIDs registered	CPIDs not delivering
Delivering	11	4	7046	2493
No delivery	0		0	0

Monitoring a wide range of data flows

Import, delivery status from DCS Admin

Data source ↓	Status	Delay (h)	CPIDs registered	CPIDs not delivering
Adif	OK	0	19	3
Arriva - Wabtec	OK	0	56	25
Bane NOR	OK	0	586	65
Bane NOR freight	OK	0	56	24
BaneDanmark	OK	0	46	5
Connexxion - Wabtec	OK	0	7	0
Keolis - Wabtec	OK	0	16	1
NS - Wabtec	OK	0	440	375
SBB - Microelettrica	OK	22	69	23
SBB DCS - account for BLS Passenger	OK	30	201	46
SBB DCS - account for SBB Cargo	OK	30	244	188
SBB DCS - account for SBB Passenger	OK	30	1376	243
SBB DCS - account for SOB (Südostbahn)	OK	30	82	7
SBB DCS - account for Thurbo	OK	30	110	8
SNCB DCS	OK	0	425	50
Trafikverket	OK	0	394	48
Trafikverket-gods	OK	0	303	105
VR - Dedicated translator to SR3 Siemens EMS	OK	0	76	23
Väylä	OK	0	333	34
ÖBB Infra	OK	81	580	406

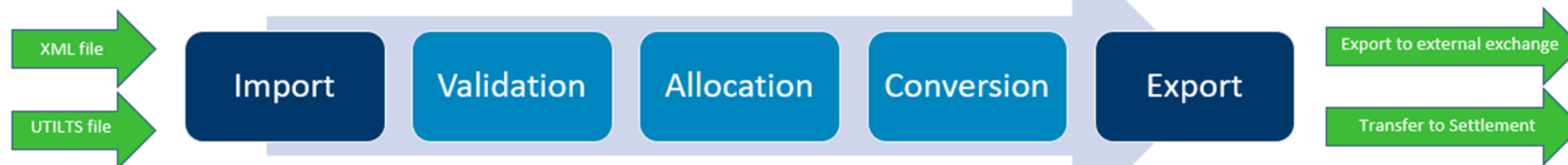
Import (files)

Data source ↓	Success	Not successful	Response sent	Other
Adif	304	0	304	0
Bane NOR	3193	0	6	0
BaneDanmark	255	0	33	0
DB Energie	267	0	267	0
Infrabel	5312	1	5313	0
Prorail	2872	0	0	0
RTE	431	0	431	0
SBB Infrastructure	1714	0	1714	0
Trafikverket	4284	0	2	0
Väylä	6946	10	3452	0
ÖBB Infra	271	0	271	0

Export (files)

Data receiver ↓	Success	Not successful	Pending response	Rejected
DB Energie	119	0	0	0
RTE	22	0	0	0
ÖBB Infra	4	0	0	0

The main functions of exchange



Choose view

Process view ▼

Processing time

Date from
16.06.2024 31

Time
00:00 ⌚

Date to
18.06.2024 31

Time
00:00 ⌚

Observation time

Enable observation filter

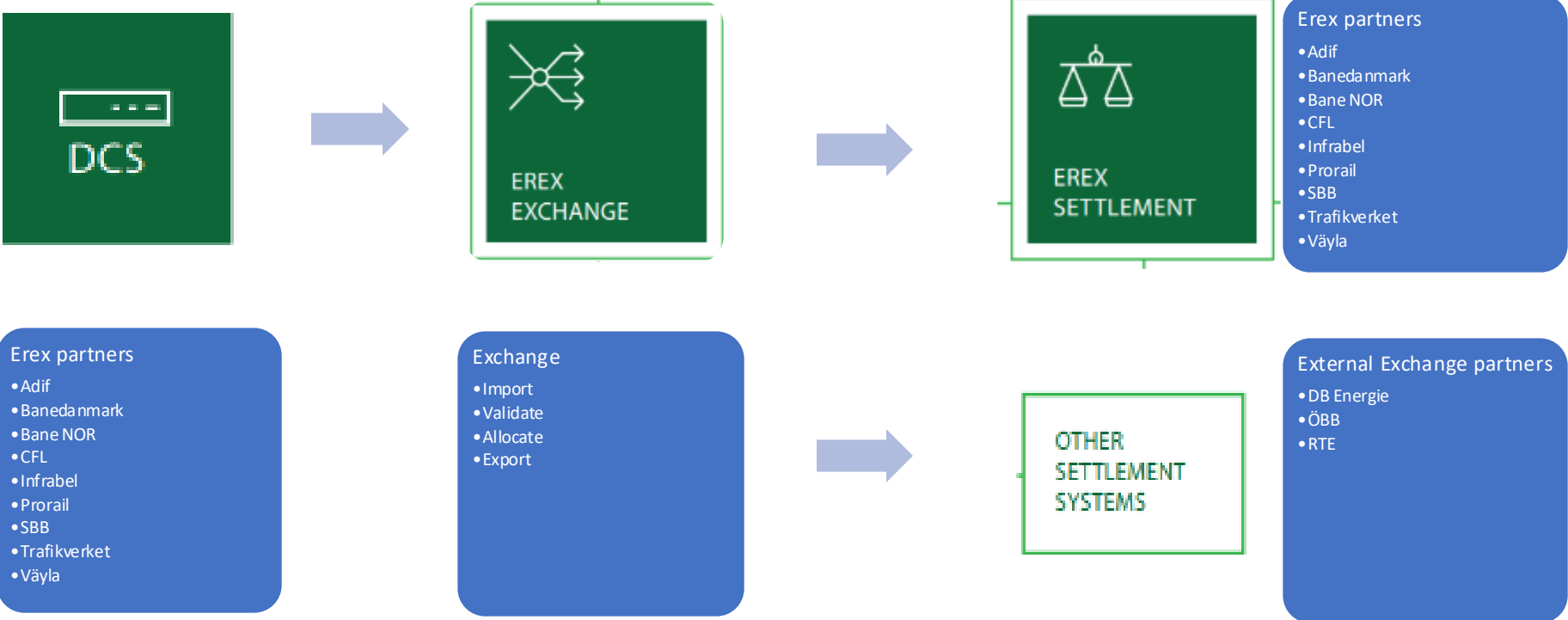
Date from
16.06.2024 31

Time

Process view

Process start time ↓	Observation start time	Observation end time	Consumption point	#	Validation OK	Validation Failure	Allocation OK	Allocation Failure	Conversion OK	Conversion Failure	Export OK	■
17.06.2024 11:00	17.06.2024 04:52	17.06.2024 10:50	Sr3-3352 (9110310335231)	358	358	0	358	0	358	0	358	
17.06.2024 11:00	17.06.2024 06:18	17.06.2024 10:49	Sr3-3349 (9110310334991)	271	271	0	271	0	271	0	271	
17.06.2024 11:00	17.06.2024 05:00	17.06.2024 11:00	Sr3-3347 (9110310334731)	360	360	0	360	0	360	0	360	
17.06.2024 11:00	17.06.2024 05:20	17.06.2024 10:56	Sr3-3311 (9110310331191)	336	336	0	336	0	336	0	336	
17.06.2024 10:55	17.06.2024 09:35	17.06.2024 10:35	Sm5-2178 (9410208107892)	12	12	0	12	0	60	0	60	
17.06.2024 10:55	17.06.2024 09:45	17.06.2024 10:30	Sm5-2178 (9410208107891)	9	9	0	9	0	45	0	45	
17.06.2024 10:55	17.06.2024 09:35	17.06.2024 10:35	Sm5-2177 (9410208107712)	12	12	0	12	0	60	0	60	
17.06.2024 10:55	17.06.2024 09:35	17.06.2024 10:35	Sm5-2177 (9410208107711)	12	12	0	12	0	60	0	60	

Exchange partners in Europe



Coming features

Continuously developing according to the agreements of IRS WG 90930

- Request of observation data missing in settlement
- Master Data exchange according to a simplified xsd

Transparency and availability

- Eress partners own and have access to the master data that they are responsible for collecting
- Eress Administration has a supervisory role and is also responsible for non Eress partner specific master data
- Transparent through the entire process
- Organisations with users have complete data flow availability to their own data
- Secure access, only access to consumption related to your organisation's settlement
- Encourages competition on the railway network on equal terms