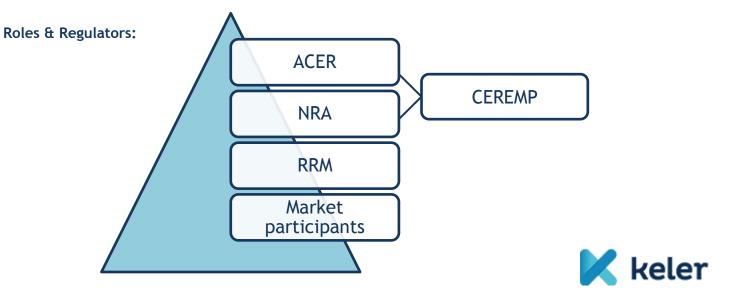
KELER's REMIT Reporting Service

2016

REMIT overview

REMIT, the Regulation on Wholesale Energy Market Integrity and Transparency entered into force on 8th December 2011 and the REMIT Implementing Acts have become effective as of 7th January 2015.

Objectives: REMIT is establishing a new framework for the monitoring of wholesale energy markets to ensure market integrity through trade monitoring and hinder market manipulation and insider trading.



The scope of the reporting obligation

REMIT affects everyone who participates in, or whose conduct affects wholesale energy markets within the European Union.

Market players will be obliged to report all types of deals of natural gas and electricity wholesale energy products. Wholesale energy products, irrespective of the market where and the method of how (organised market places or OTC) they are traded:



contracts and orders for the supply of electricity or natural gas within the EU*;



contracts and orders for the transportation of electricity or natural gas within the EU;

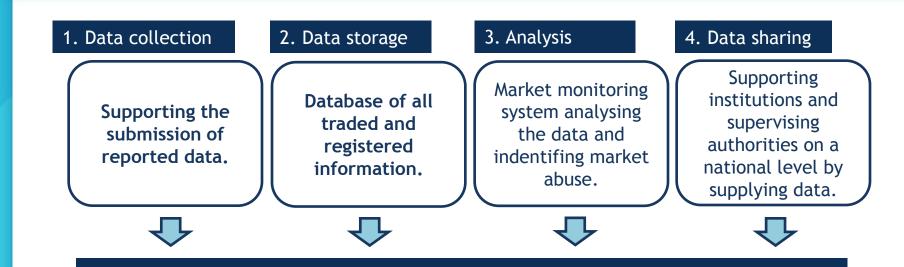


derivatives relating to electricity or natural gas produced, traded or transported in the EU;

^{*}applies to end consumers only with a consumption capacity of minimum 600 GWh per annum.



,Four pillars' of data management



The Agency's REMIT Information System (ARIS)



Deal types and reporting channels

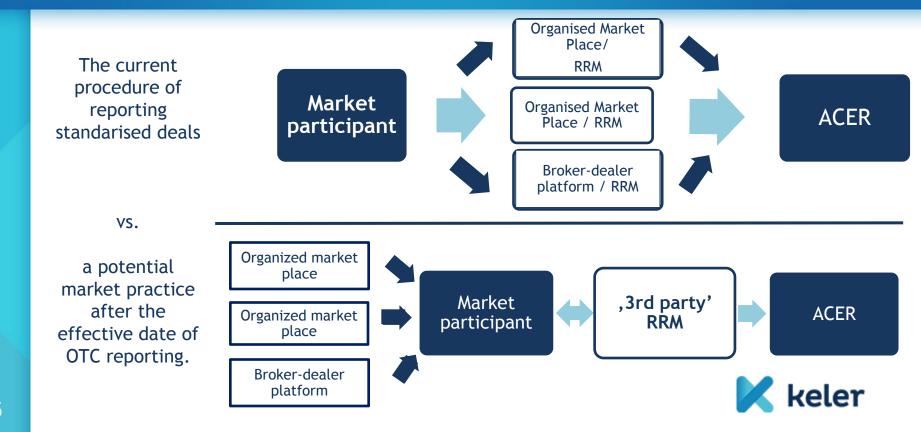
Organised Market Power exchanges and deals 3rd party RRMs T+1 Standard EMIR licensed trade derivatives repositories T+1 Bilateral deals (OTC) **RRMs** T+30 Nomination data **TSOs** T+1

Solely the details of OTC traded wholesale energy market products shall be reported by the market participants themselves to RRMs for further forwarding

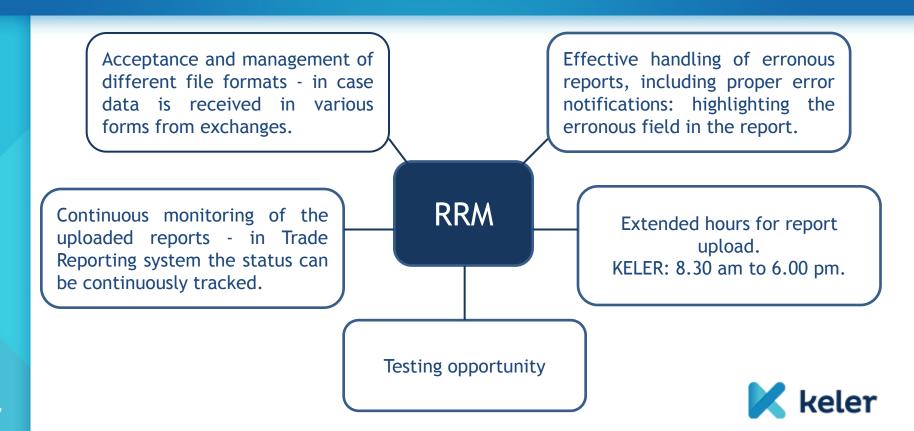




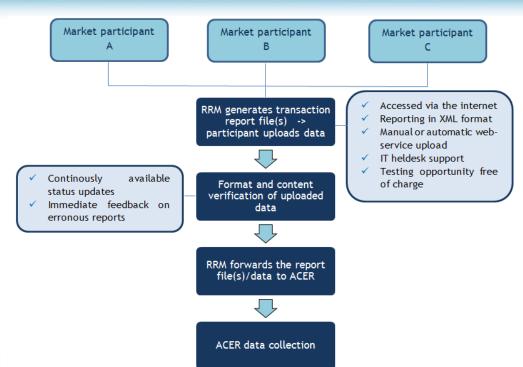
Reporting mechanism



What should an ideal RRM offer?



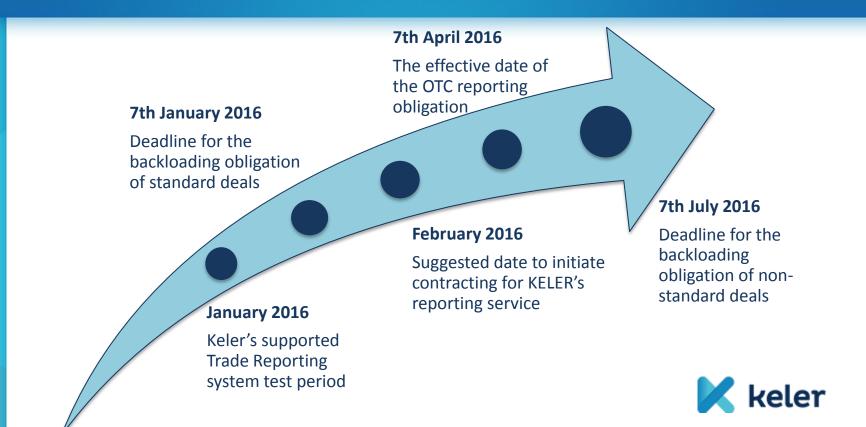
KELER's Trade Reporting Service — the system



- ✓ KELER's web-based Trade Reporting system developed by KELER itself originally to manage reports under EMIR;
- ✓ It has been further upgraded to meet the needs of our clients with REMIT reporting obligation too;
- ✓ Reporting under EMIR and REMIT with a sole connection, in a customary environment;
- ✓ TR enables our clients to upload reports in XML format.
- ✓ Alternatively, via our so called web-service solution automatic upload is also an option.



Remarkable milestones (2016)



Contracting procedure

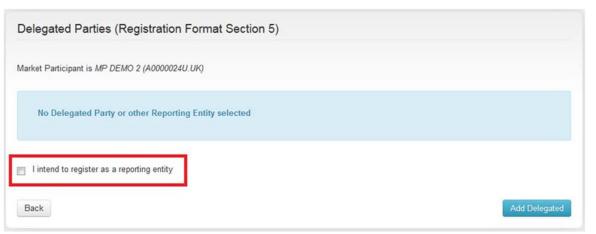
The company must possess an ACER code (use of LEI code is optional). "CONTRACT ON FORWARDING DATA DETERMINED BY ARTICLE 8 OF REMIT TO THE ENERGY MARKET AGENCY" shall be submitted in two, duly signed, original copies. Required supplementary documents, officially translated to English: Extract from the company registry (not older than 30 days) legalized (apostilled or notarised) signature specimen. If a market participant decides to change its selected RRM, Section 5 of the ACER (CEREMP) registration form should be updated to reflect this change.



Section 5. of the CEREMP registration form

The RRM nominated for REMIT reporting shall be indicated here, in Section 5. of the CEREMP registartion form:

- ✓ it is allowed to quote more than one RRM;
- ✓ the details provided here can be amended anytime.





Memberships – fee structure

General membership

For reporting both own and third party deals.

Fee: 80 000,- HUF + VAT/ month.

Individual membership

For the reporting of the client's own deals.

Fee: 40 000,- HUF + VAT/ month.

Indirect membership

Monitoring option to third parties. Fee: 10 000,- HUF + VAT/ month

- Fixed, monthly fees;
- Fees independent of the number and type of reported trades or the type of the underlying product.



Why KELER?

- ✓ KELER offers a complex solution EMIR and REMIT reporting, LEI code application providing compliance with a complete set of reporting requirements;
- ✓ One 'stop-shop' service: easy access to KELER's Trade Reporting (TR) system incorporating REMIT and EMIR reporting;
- ✓ Harmonized reporting file formats: our service covers all markets;
- ✓ Favourable conditions: three types of memberships for monthly, flat fees independent of the number of transactions or markets reported;
- ✓ Possibility for reporting on behalf of a third party.





REPORTING PROCEDURE

The scope of data required to be reported

Trade data - 4 Schemes

Table 1: Standard trades (with orders)

Table 2: Non-Standard trades

Table 3: Transportation - Power

Table 4: Transportation - Gas

Fundamental data - 6 Schemes

Gas Storage Data (SSO)

LNG Data (LSO)

GAS Nomination (TSO)

Eletricity Nomination (TSO)

ENTSO-E

ENTSOG

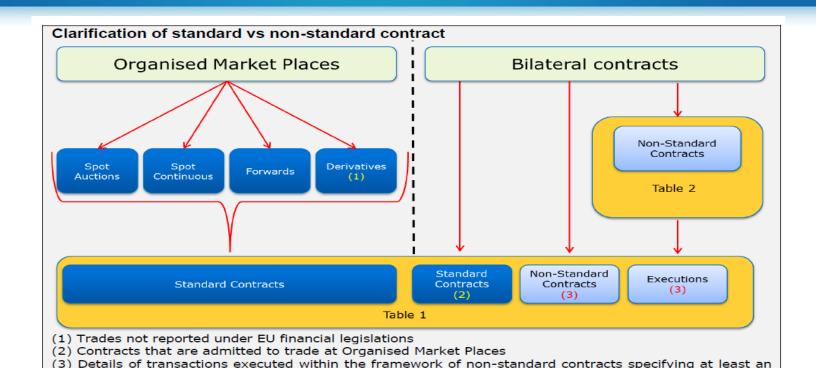
Standard vs. Non-standard contract:

- ✓ Standard trades: List can be found on ACER website (https://www.acer-remit.eu/portal/home)
- ✓ Generally: All trades executed on a market place (OMP or anything similar) List of OMP can be found on ACER website

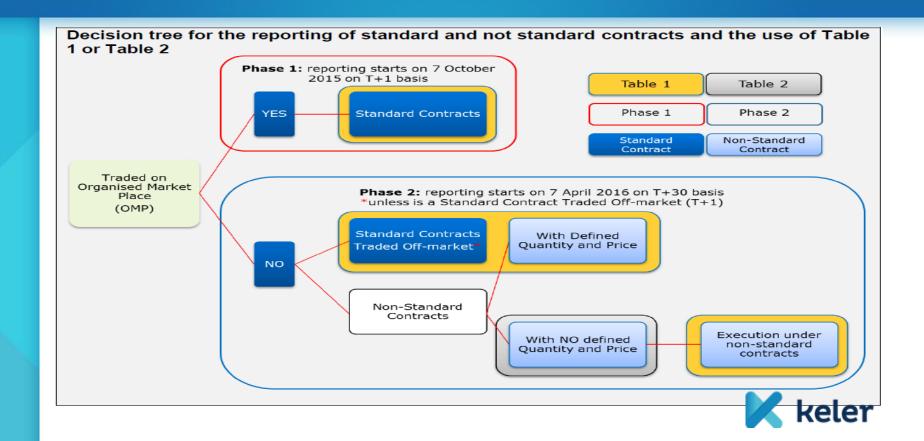


Standard vs. non-standard contracts I.

outright volume and price shall be reported using Table 1 of the Annex to the IAs.



Standard vs. non-standard contracts II.



Types of reports

Types of reports:

- √ New (N): to be applied in case of new deals;
- ✓ Modification (M): to be applied for the amendment of deal reported already;
- ✓ Cancellation (C): to eliminate a trade reported already;
- ✓ **Error (E):** to withdraw a report submitted erronously.

To be indicated in each report:

Lifecycle information				
58	Action type	N;M;C or E		

+ Backloading report types

III	Contract details		
21	Contract ID	NA	
22	Contract name	BACKLOADING	



The structure of REMIT reports Part I.

Standard reports "REMIT Table1"

- I. Parties to the contract
- II. Order details
- III. Contract details
- IV. Transaction details
- V. Option Details
- VI. Delivery profile
- VII. Lifecycle information

ı	I Parties to the contract		IV	Transaction details		
1	ID of the market participant	5299001234567890000	30	Transaction timestamp	2014-12-31T12:00:00Z	
2	Type of code used in field 1	LEI	31	Unique transaction ID	B1Q3Y0R5K4U7	
3	ID of the trader	Trader12345	33	Linked order ID	Sample1234	
6	Reporting entity ID	T1241247G.EU	35	Price	45.00	
7	Preporting entity ID	ACE	37	Price currency	EUR	
10	Trading capacity	Р	38	Notional amount	225	
11	Buy/sell indicator	В	39	Notional currency	EUR	
II	Order details		40	Quantity	5	
13	Order ID	Sample1234	41	Total Quantity	5	
14	Order type	LIM	42	Quantity unit	Mw	
16	Order status	ACT	V	Option details		
20	Order duration	SES	VI	VI Delivery profile		
Ш	Contract details		48	Delivery Point or zone	10YEU-EUROPOW8	
21	Contract ID	10YEU_EL2014-07-31	49	Delivery start date	2016-01-01	
22	Contract name	Electricity_hourly	50	Delivery end date	2016-10-31	
23	Contract type	AU	52	Load type	ВН	
24	Energy commodity	EL	54	Load delivery intervals	10:00/11:00	
26	Settlement method	P	VII	VII Lifecycle information		
27	Organised market place	XMIC	58	Action Type	N	
28	Contract trading hours	00:00Z/24:00Z				
29	Last trading date and time	2015-12-31T12:00:00Z			keler	

The structure of REMIT reports Part II.

Non-standard reports "REMIT Table2"

- I. Parties to the contract
- II. Contract details
- III. Fixing index details
- IV. Option Details
- V. Delivery profile
- VI. Lifecycle information

I.	. Parties to the contract			III. Fixing Index details		
1	ID of the market participant	5299001234567890000	24	Type of index price	I	
2	Type of code used in field 1	LEI	25	Fixing Index	TTFQ116	
3	ID of the other participant	T3444347G.EU	26	Fixing Index types	FW	
4	Type of code used in field 1	ACE	27	Fixing Index source	ICIS-Heren	
5	Reporting entity ID	T1241247G.EU	28	First fixing date	2015-11-01	
6	Preporting entity ID	ACE	29	Last fixing date	2015-11-30	
9	Trading capacity	P	30	Fixing frequency	D	
10	Buy/sell indicator	В	31	Settlement method	P	
II.	I. Contract details		IV. Option details			
11	Contract ID	123456	٧.	Delivery profile		
12	Contract date	2015.03.26	41	Delivery Point or zone	10YEU-EUROGAS8	
13	Contract type	FW	42	Delivery start date	2015-04-01	
14	Energy commodity	NG	43	Delivery end date	2015-09-30	
15	Price or formula	AVG (TTFQ116)+0,30	44	Load type	BL	
18	Total quantity	1314587	VI.	Lifecycle information		
19	Volume optionality capacity	30	45	Action Type	N	
20	Notional quantity unit	MWh-MW				
21	Volume optionality	FW				
22	Volume optionality frequency	Н				
	Volume optionality intervals	2015-04-01/2015-09-30				



Information on Trade Reporting system testing

Test application to be submitted to tradereporting@keler.hu, anytime.

Preconditions:

- ✓ Downloading, completing and submitting the test application form available @ KELER's site dedicated to REMIT;
- ✓ Setting up VPN and client-level certificates issued by KELER.

General information:

- ✓ File format acceptable by KELER: XML;
- √ The complete chain of the reporting procedure shall be tested;
- ✓ No contractual relationship is required for testing;
- ✓ Assisting sample files shall be provided by KELER;
- ✓ A log/status shall be available on the uploads.

Supported testing period is announced until 7th April

Trade Reporting system is continuously available after that time



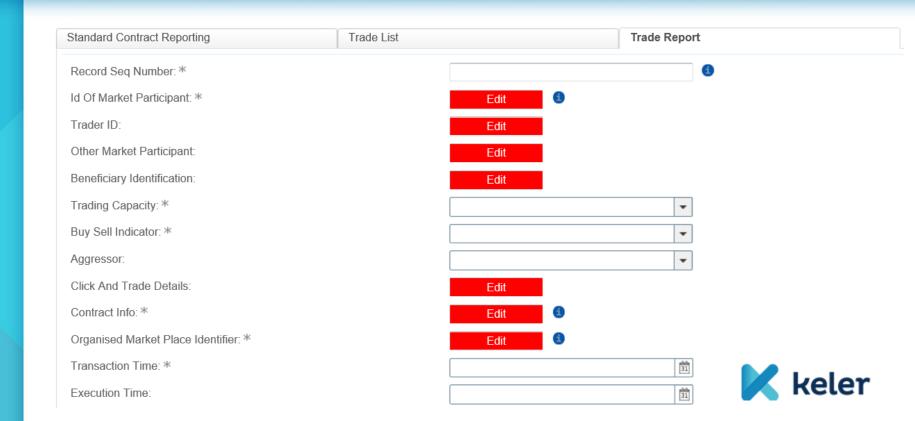


KELER's REMIT reporting service

- ✓ Complex solution for our clients: we are offering a single platform to report both REMIT and EMIR trades;
- ✓ **User rights** granted per client and different, segregated rights assigned to authorised users:
 - Clients can nominate users for different roles;
 - Accessible functions shall be tailored to the requested reporting service.
- ✓ Potential options for report upload:
 - Manual upload of data directly to the system;
 - Reporting file upload to the system;
 - File submission through web-service.



Sample for manual input

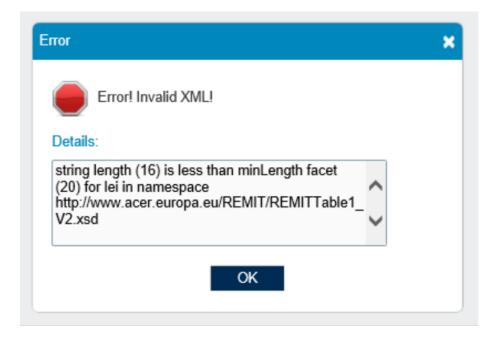


Upload and management of REMIT reports

- ✓ Field content can be easily chosen from pre-set criteria: built in the files to support effective data upload;
- ✓ Individual sample files can be created per client: another tool to support effective data submission in case of manual upload;
- ✓ Automatic format and contact verifications applied on the uploaded data;
- ✓ Option to upload more than one file in the same time (in bulk);
- Search and select functions;
- ✓ Report monitoring function already applied to EMIR reporting:
 - Reports listed one by one with the actual, assigned status;
 - The scope of reported data listed can be extended.



Sample for error description







Q&As





THANK YOU FOR YOUR ATTENTION!

REMIT relationship management and contracting

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