ARIS Pilot project – REMIT data collection

Update, including invitation for the 2nd phase – the ARIS operational prototype

Erik Rakhou
Market Monitoring Department, ACER

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- Original pilot objectives & scope

- Participants pilot

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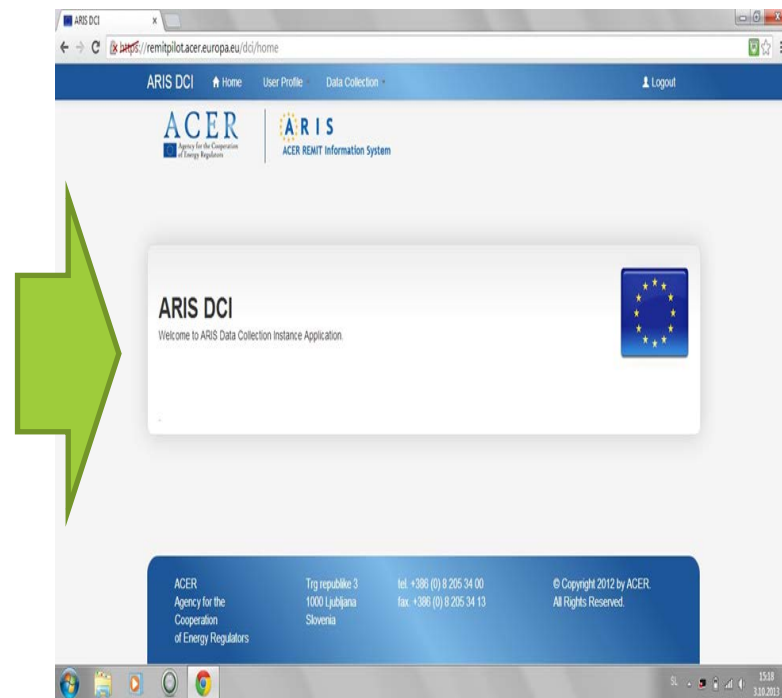- Further way forward – invitation to join the 2nd phase of the pilot

Goal:
- » prepare for '2014', minimalistic and very basic trial, proof of concept ARIS*

Scope:
- » Market Monitoring (focus on special software testing)
- » Data collecting
- » Illustrative key parties (PXs, Broker(s) and/or RRMs, TSO and/or ENTSO, energy companies for non-standard)

Timing/steps:
- » Q2 – Q4 2013

Example of pilot 'homework', outlined on 11 July 2013 kick-off:

What	Who	How	When	Remarks
XSDs	Participants who will send data via Tier 1	By email to pilot address	July 2013	In line with Recommendations
Q&As, comments	Everyone	By email to pilot address	Anytime	Also used to communicate necessary info
December 2012 Data (manual)	Everyone	By email or agreed procedure	Anytime	Just XLS or CSV or similar
December 2012 Data (automated)	RRMs	GUI	September 2013	Commonly agreed anonymisation; data prepared in line with defined XSDs
	PXs	GUI	September / October 2013	
	TSO/ENTSOs	GUI	October 2013	
2012 Data	Anyone interested in going further	GUI	October / November 2013	Commonly agreed anonymisation; data prepared in line with defined XSDs
2013 Data	Anyone interested in going further	GUI	Q1 2014	Possibly new schemas will be developed (IAs)
Regular T+X Data	Anyone interested in going all the way	GUI	Q2 2014	This phase will conclude when the systems go live.

*ARIS – ACER REMIT Information system. ARIS system design consists of 4 Tiers. Most focus in the 1st phase of the pilot was given to data collection, Tier 1.

Pilot parties showed commitment in working on pilot data submission.

Participant names	Roles
RWE Trading	Market participant, focus on non-standard
BG	Market participant, focus on non-standard
EDF Trading	Market participant, focus on non-standard
ENTSO-E/observer	Association electricity TSOs, observer
ENTSO-G/observer	Association gas TSOs, observer
National Grid	Gas TSO, focus at fundamental data
Fluxys Belgium	Gas TSO, focus at fundamental data
GTS	Gas TSO, focus at fundamental data
Trayport	potential RRM
Efetnet	potential RRM
EEX	Energy exchange, focus on transactional and fundamental data
Epex Spot	Energy exchange
APX	Energy exchange
NPS	Energy exchange
OMIE	Energy exchange
Opcom	Energy exchange
Regis-TR	Trade repository, member
LSE - UnaVista	Trade repository, observer
DTCC	Trade repository, observer

Completed activities:
- Kick-off meeting 11 July 2013.
- Collecting input from pilot participants (XML schemas, etc.).
- Default XML schemas developed.
- Testing environment set up and configured.
- Tier* 1 interface deployed and ready.
- Tier 2 central database model designed (but not implemented).
- Pilot user manual ready.
- Progress meeting 4 October 2013
- Preparing the data sourcing and setting up the testing environment for SMARTS Integrity** – Tier 3.
- Analysing XML schemas from market participants (possibility of supporting additional formats).
- Upgrading the Tier 1 interface to support additional formats.

On-going activities:
- Developing the Tier 2 central database module – Tier 2 (logical data model, data import/export).
- Working with pilot project participants mainly on formats and specific issues on reporting.
- Collection of data.
- Analysis of data collected.
- Evaluating the lessons learned and issues encountered.
- Preparing the final pilot project report.

Upcoming activities:

- Preparing for the second stage after November – ARIS Operational Prototype.

- Closure 1st phase/kick-off 'prototype'.

*ARIS system design consists of 4 Tiers.
** Smarts Integrity is the market monitoring software used by ACER.

Initial remarks by pilot parties (4.10.13)

Data validation importance discussed and underlined:
- Rejection and acceptance emails: error log to be very clear on problem and unique.
- Note that there may be mistakes, multiple views on same trade and changes to trades - how does one deals with such data updates. One has to be ready for such issues.
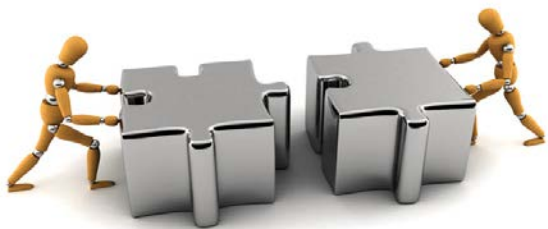- Voluntary data checks by RRMs. Good to provide read only access for RRMs and download option for RRMs.

Remarks on complexities of preparing data and schema's:
- Issue of multiple prices and other complex orders should be clarified in the schema's explanations in the pilot user manual.
- Fields in schemas may need to be further clarified. Current description are not always clear and user-friendly.
- One should consider Price coupling projects' experience for power markets integration, to be used for day ahead schemas as in that project similar transactional data from various exchanges is exchanged to use for common calculations.

Remarks on 2014+ operational stage:
- Advice to aim at maximum of 2 releases per year; 6 months adoption time allowance for parties.
- Consider interaction and support impact during now, live-stage and afterwards. Average appreciated response time 2-3 days.

Invitation to join the 2nd phase, 'ARIS Operational prototype'.

2nd pilot phase would be kicked-off 25 November with existing pilot participants and **will be open for additional new participants applications from 8 November to 22 November 2013.**

» 2nd phase will precede the 'go-live' phase. 2nd phase is planned to further enhance ARIS development and to result in consistently anonymised data delivery of 2012 & 2013 data by pilot parties in accordance with specified by ACER formats. ARIS prototype data collection interface will be continuously open and updated during the 2nd phase. Evaluation & next steps are planned for March/April 2014.

» All parties, registering EU-energy wholesale markets transactions, or in position to report those, are especially invited to join the 2nd phase. E.g. organised market places.

» You can express your interest to join the 2nd phase via remit.pilot@acer.europa.eu

» Further details will be published on ACER website by means of an open letter on Friday 8 November 2013.

Note of caution to potential participants: Pilots require resources!

Questions?

Thank you for attention.