



Directorate-General
for Energy

The role of the transparency platform for the Market Observatory for Energy

Mathieu Samyn



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Outline

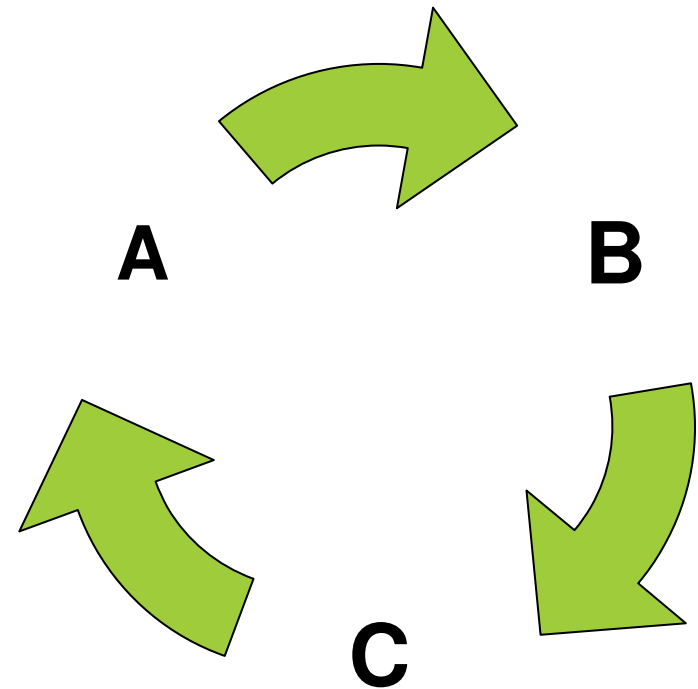
1. Mission of the MOE

2. QREEM

3. Integration into EMOS

1. Mission of the MOE

A	Contribute to <ul style="list-style-type: none">- an effective and enhanced EU energy policy making- the transparency of EU energy markets
B	Monitor and analyse energy markets in the EU and EnC MS Report on market developments
C	Focus on all relevant information that influences decisions of market participants



2.1 Quarterly Reports on European Electricity Markets

- Prepare a tool allowing the EC to monitor closely the most recent developments in the European electricity markets
- For EC, MS, MEPs
- Using data from
 - ✓ *Eurostat, ENTSO-E/G, Platts,*
 - ✓ *National electricity exchanges,*
 - ✓ *Regulators?*
- Structure:

A. Recent developments in the electricity markets across Europe

B. Building the internal market for electricity: cross border trade and flows

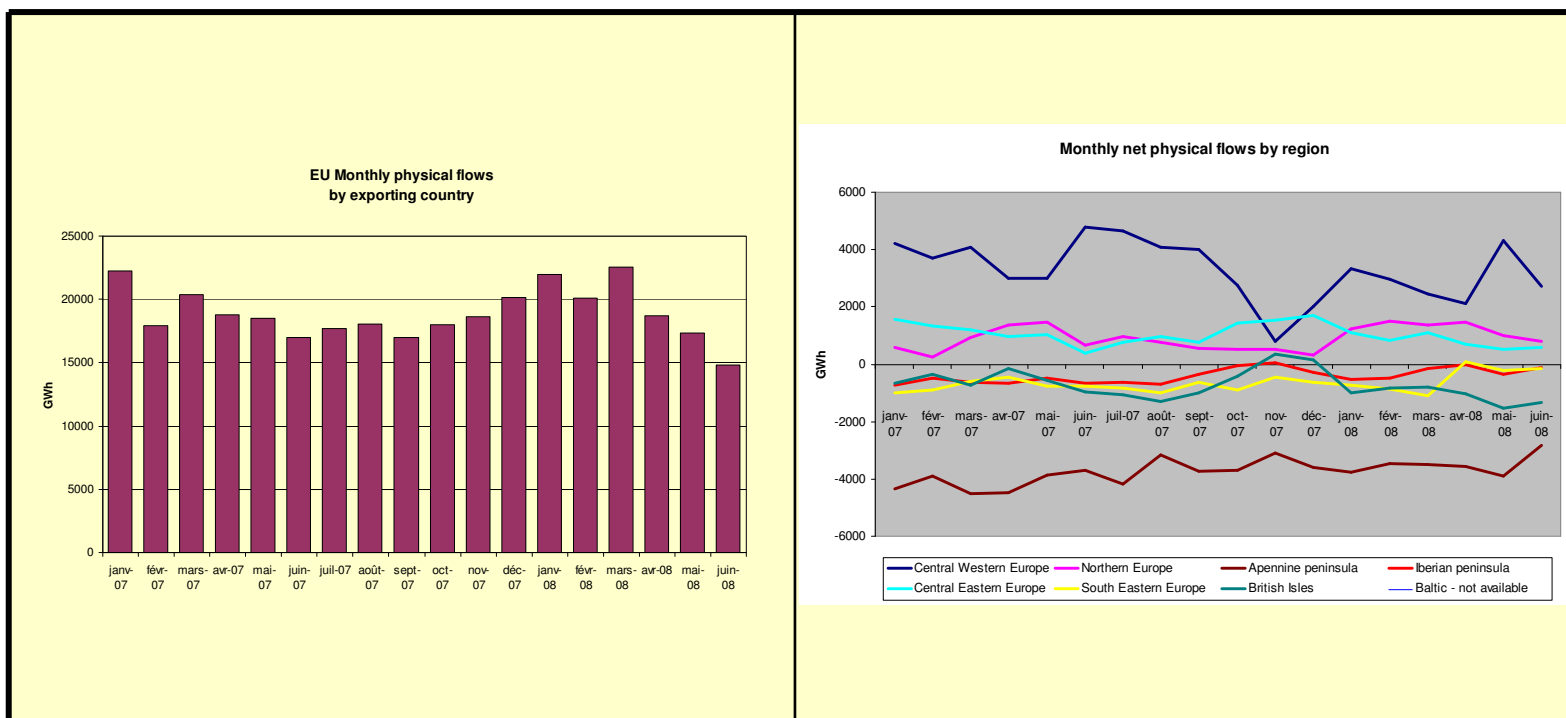
C. "Focus on ... "

http://ec.europa.eu/energy/observatory/electricity/electricity_en.htm

2.2 Quarterly Reports on European Electricity Markets

Examples

*Building the internal market for electricity:
cross border trade and flows*



3. Integration of ENTSO-Vista into EMOS

Issue 1: InArea & OutArea tags

These tags contain X and Y codes specific to VISTA db.

Solution:

New **reference codes list file** where the X and Y codes are translated into area names. For example:

```
<XCode Identifier="10X1001A1001A523" Name="TSO-Cyprus" />  
<YCode Identifier="NO1" Name="South Norway" />
```

Issue 2: Measurement Unit

Both units 'MW' and 'MAW' are used

Solution:

A single unit chosen 'MAW'

3. Integration of ENTSO-Vista into EMOS

Issue 3: Missing tags

When no data available, tags 'qty' and 'pos' were missing or contained inappropriate values.

Solution:

- As discussed “**qty**” and “**pos**” tags will **always be present** for ESS format files (Physical flow, D-1 Schedules, Final Schedules). **If value is missing**, qty attribute “v” will contain **empty string** (“”).
- For EPD format files (auction data), “qty/price” nodes will be missing if data is missing because empty string is not allowed to be compliant with the EPD schema.

3. Integration of ENTSO-Vista into EMOS

Issue 4: Allocation Identification tags

Duplicate rows with differences in the **allocation identification** and **value** tags. The format of the allocation identification tag was not appropriate to be used as a unique key of the records.

Solution:

It was agreed to have the Identification tag in the following format (to ensure compatibility):

`<Periodicity(1)>-<ProductType(10)>-<ApplicationStartDate(6)>-<RoundNumber(2)>`

However, this issue – a critical one – is pending in view of latest download

- **Stability of the format agreed upon is a key element for the user (business continuity & financially)**

3. Integration of ENTSO-Vista into EMOS

Issue 5: Time series Identification tags

For yearly auction data, there were records which were identical (only) with different values in the 'TIMESERIESIDENTIFICATION' tag.

Solution:

The publication configuration was updated to export the data properly

Issue 6: Daily auction files publication

On the 00h00CET of a given day, auction files of previous days were published instead of the current one

Solution:

configuration mistake, pending issue

3. Integration of ENTSO-Vista into EMOS

Issue 7: Business description

Understand the language of the TSOs

Solution:

A good documentation

... and many exchanges of email

Thank you for your attention