



Smart **GRT**gaz

All data of natural gas
transmission activity

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Transparency projet - Timetable

	2010												2011		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Traduction of the provisional regulation 715 into IT general needs															
Costs / Benefits analysis															
Writing of the IT specification															
IT developpment															
Test of conformity with the definitive regulation 715 and control by the NRA															
IT tests															
Start of the project															On time
Corrections & Evolutions															...

- A new transparency platform but...
 - For who?
 - For what needs?

Transparency : for which kind of users?

■ A very large target...



Shippers



Journalists







Administrations



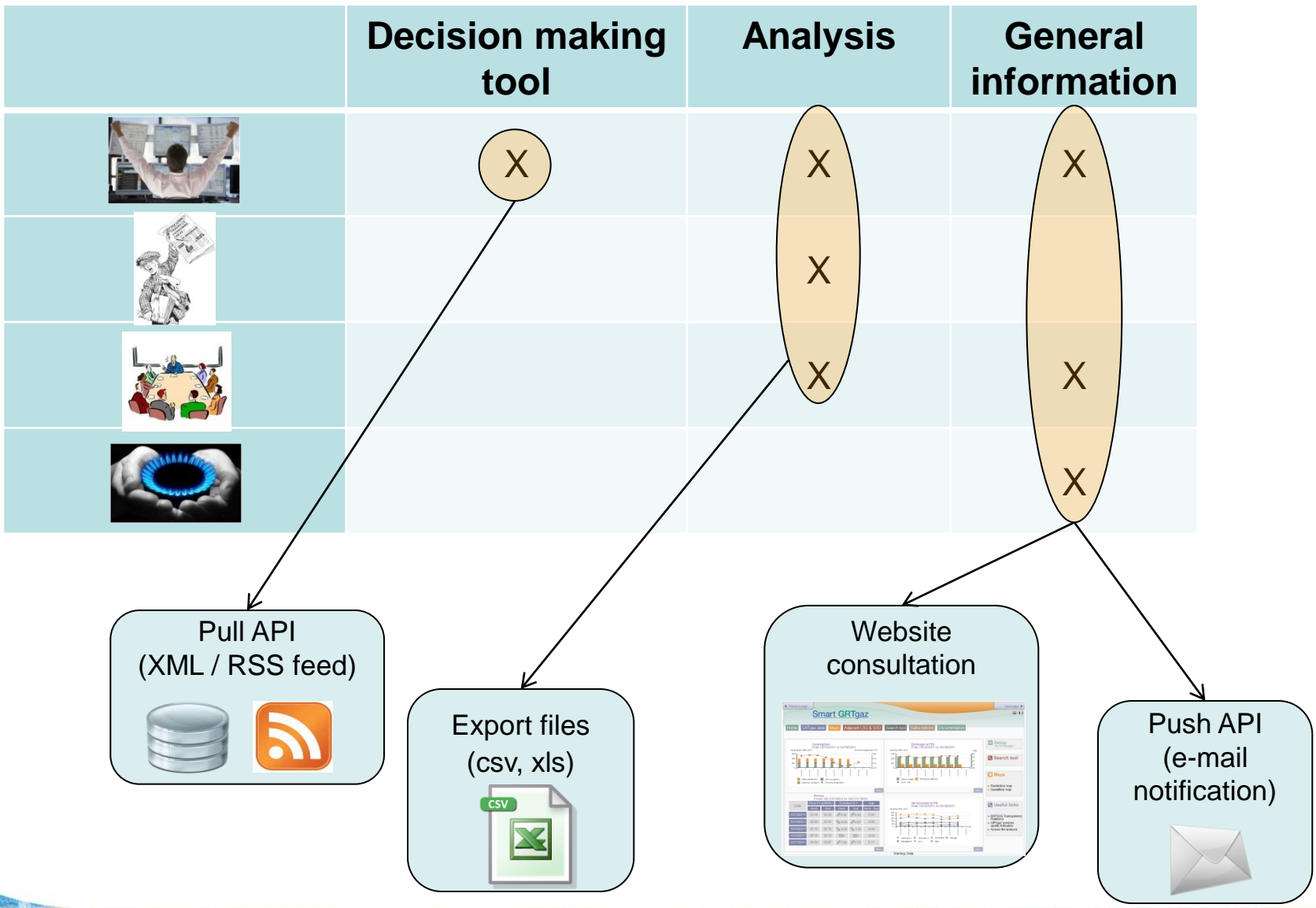
Others involved in gas sector

■ ...but one single platform

Different users = different needs!

	Decision making tool	Analysis	General information
	X	X	X
		X	
		X	X
			X

Many answers to feet the needs



An easy access from the GRTgaz website

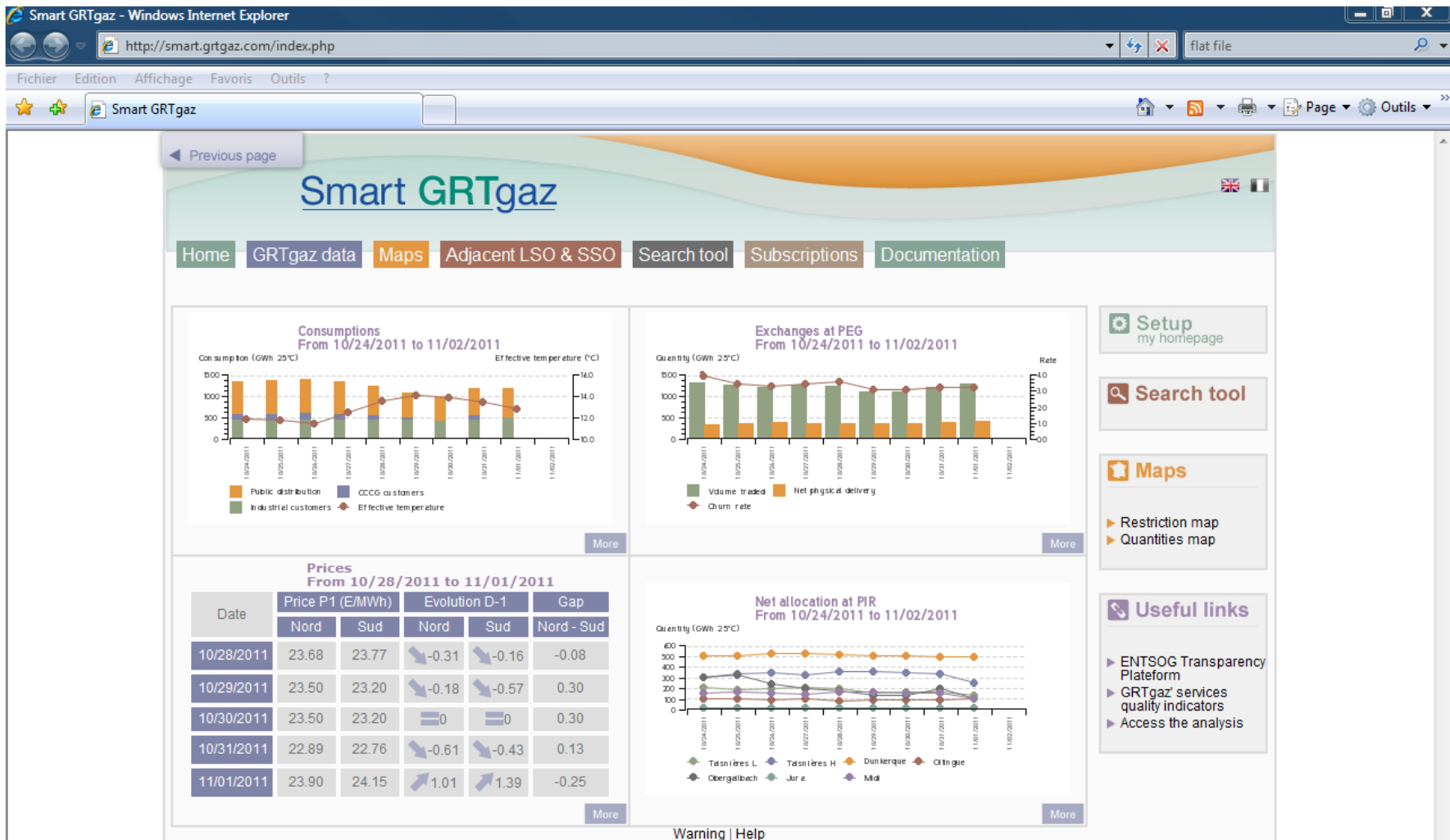


The screenshot shows the GRTgaz website homepage. At the top, there is a navigation bar with links: Français | Newsletter | RSS | Glossary | FAQ | Useful links | Contacts | Sitemap. Below this is a large banner image of a gas field with a diagram showing a path from the 'Smart GRTgaz' banner to a box labeled 'Clicking here'. The main content area features several sections:

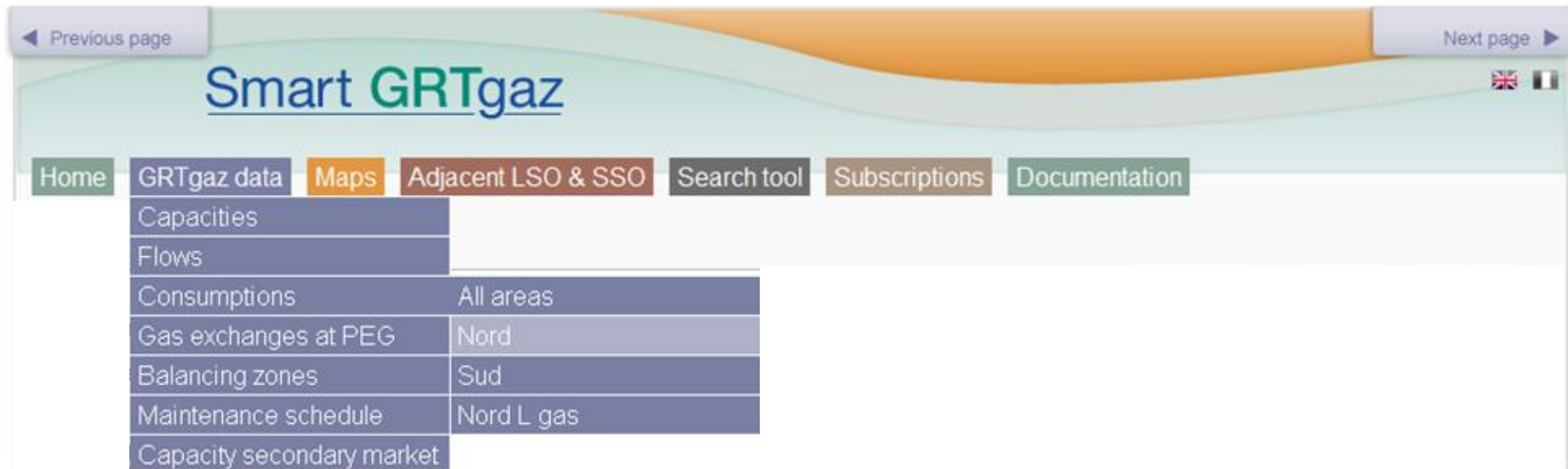
- CRTgaz**, **Gas market in Europe**, **Commitments**, **Sustainable development**, **Major projects**, **Press center**
- Download the 2010 key figures** (with a video thumbnail)
- CUSTOMER EXTRANET** (with a link to **Members access**)
- RECRUTEMENT** (with a link to **Our jobs**)
- Successful launch of Market Coupling initiated by GRTgaz and Powernext**
On 1st July 2011, GRTgaz and Powernext launched a market coupling service between GRTgaz's PEG North and PEG South. This initiative represents a premiere in the European gas sector and, three weeks after its launch, the assessment is very positive. [\[more\]](#)
- GRTgaz: solid results to start a new phase in its development**
5 May 2011 – Driven by the strong dynamic of the French market, in 2010 GRTgaz continued its contribution to constructing a natural gas wholesale market of high-performance in France. Natural gas exchanges on the wholesale market (313 TWh) have risen sharply (+23%) as has the consumption of industrial customers (+8%), particularly with the commissioning of new power stations generating electricity from natural gas. At the same time, the number of shippers using the GRTgaz transmission system rose from 60 at the end of 2009 to 76 at the end of 2010. [\[more\]](#)
- TRANSMISSION**
You are a shipper
- CONNECTION**
You are an industrial customer, distribution system operator, gas producer
- Flexibility**
You're an end-user with a highly modulated site
- Smart GRTgaz**
All data of natural gas transmission activity
[See Services quality indicators](#)
[Consult analysis](#)
- [See all news](#)
[RSS](#)

Clicking here

A personalized home page



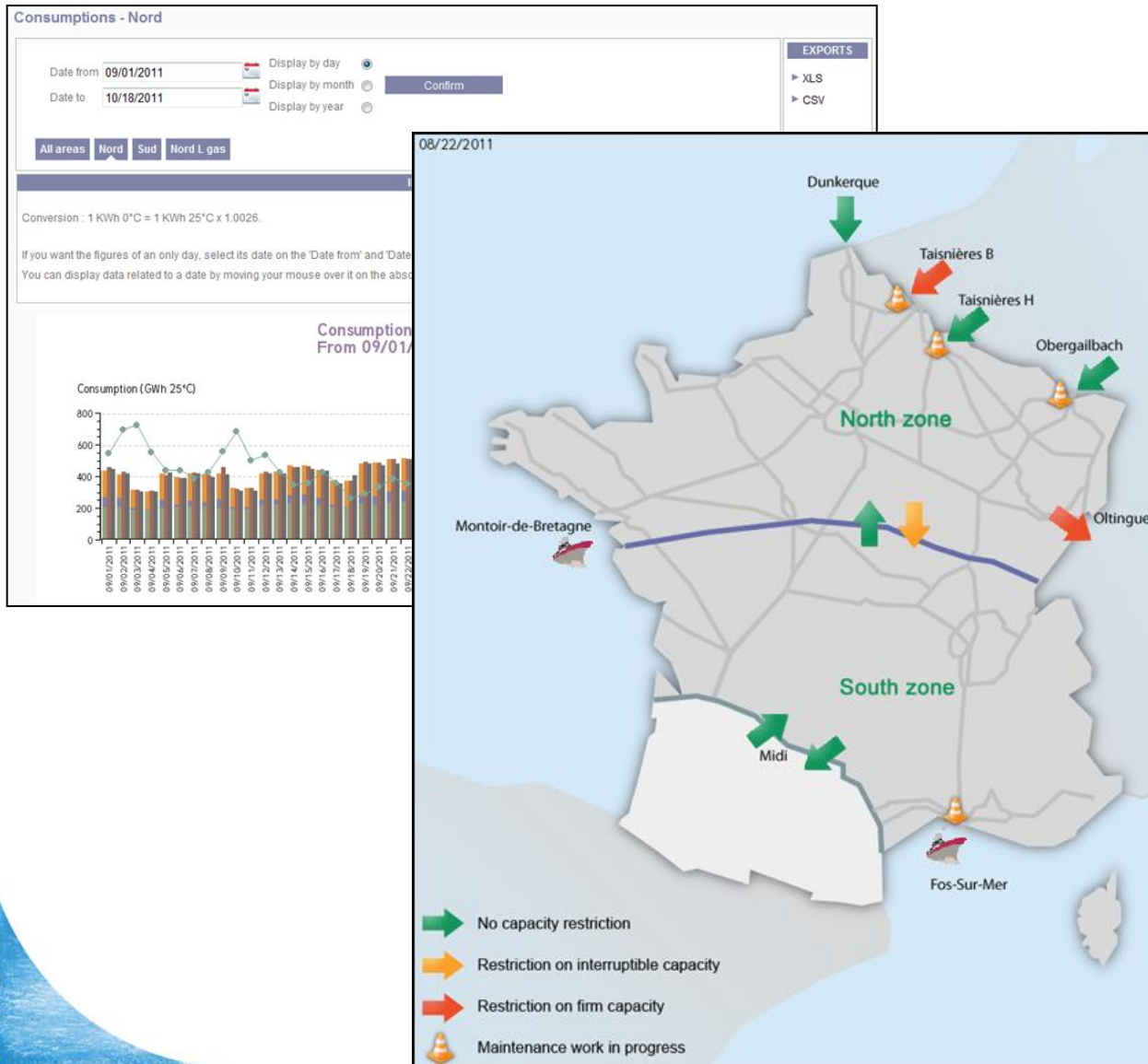
A clear menu to ease the researches



The screenshot displays the Smart GRTgaz website interface. At the top, there are navigation buttons for "Previous page" and "Next page". The main header features the "Smart GRTgaz" logo and flags for the United Kingdom and Italy. Below the header is a horizontal menu with the following items: "Home", "GRTgaz data", "Maps", "Adjacent LSO & SSO", "Search tool", "Subscriptions", and "Documentation". The "GRTgaz data" menu is expanded, showing a list of data categories: "Capacities", "Flows", "Consumptions", "Gas exchanges at PEG", "Balancing zones", "Maintenance schedule", and "Capacity secondary market". The "Consumptions" category is further detailed with sub-items: "All areas", "Nord", "Sud", and "Nord L gas".

Category	Sub-category
Consumptions	All areas
Gas exchanges at PEG	Nord
Balancing zones	Sud
Maintenance schedule	Nord L gas

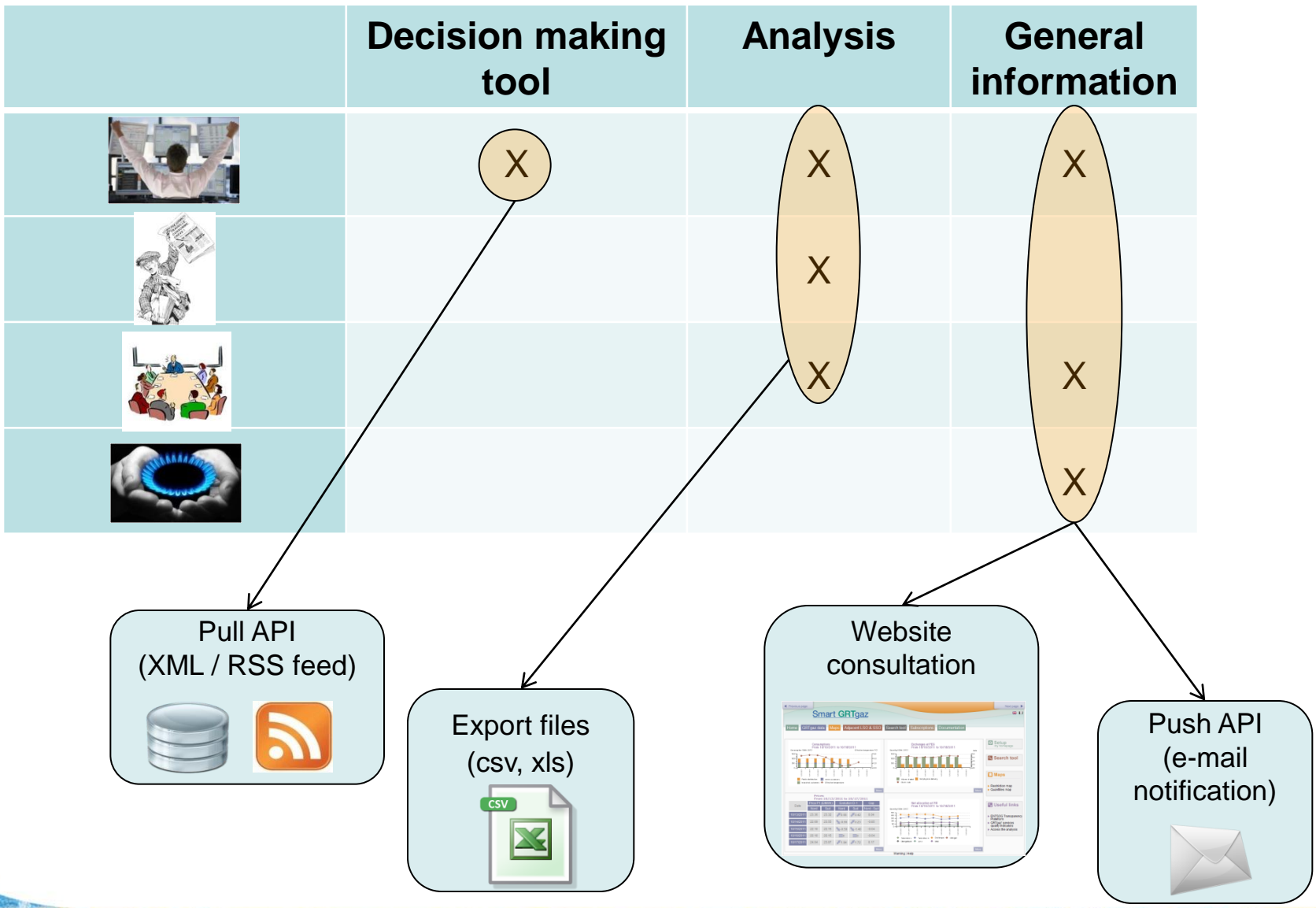
Many charts, tabs & maps to help the understanding



10/13/2011 to 10/17/2011

(E/MWh)	Evolution D-1		Gap
Sud	Nord	Sud	Nord - Sud
23.32	0.66	0.42	0.04
23.55	-0.66	0.23	-0.85
22.15	-0.59	-1.40	-0.04
22.15	0	0	-0.04
23.87	1.94	1.72	0.17

Many answers to feet the needs





Exports

Smart GRTgaz - Windows Internet Explorer

http://smart.grtgaz.com/index.php

Smart GRTgaz

Smart GRTgaz

Home GRTgaz data Maps Adjacent LSO & SSO Search tool Subscriptions Documentation

Consumptions - All areas

Date from: 10/01/2011 Date to: 11/02/2011

Display by day (selected) Display by month Display by year

Confirm

EXPORTS

XLS CSV

Information

Conversion : 1 KWh 0°C = 1 KWh 25°C x 1.0026.

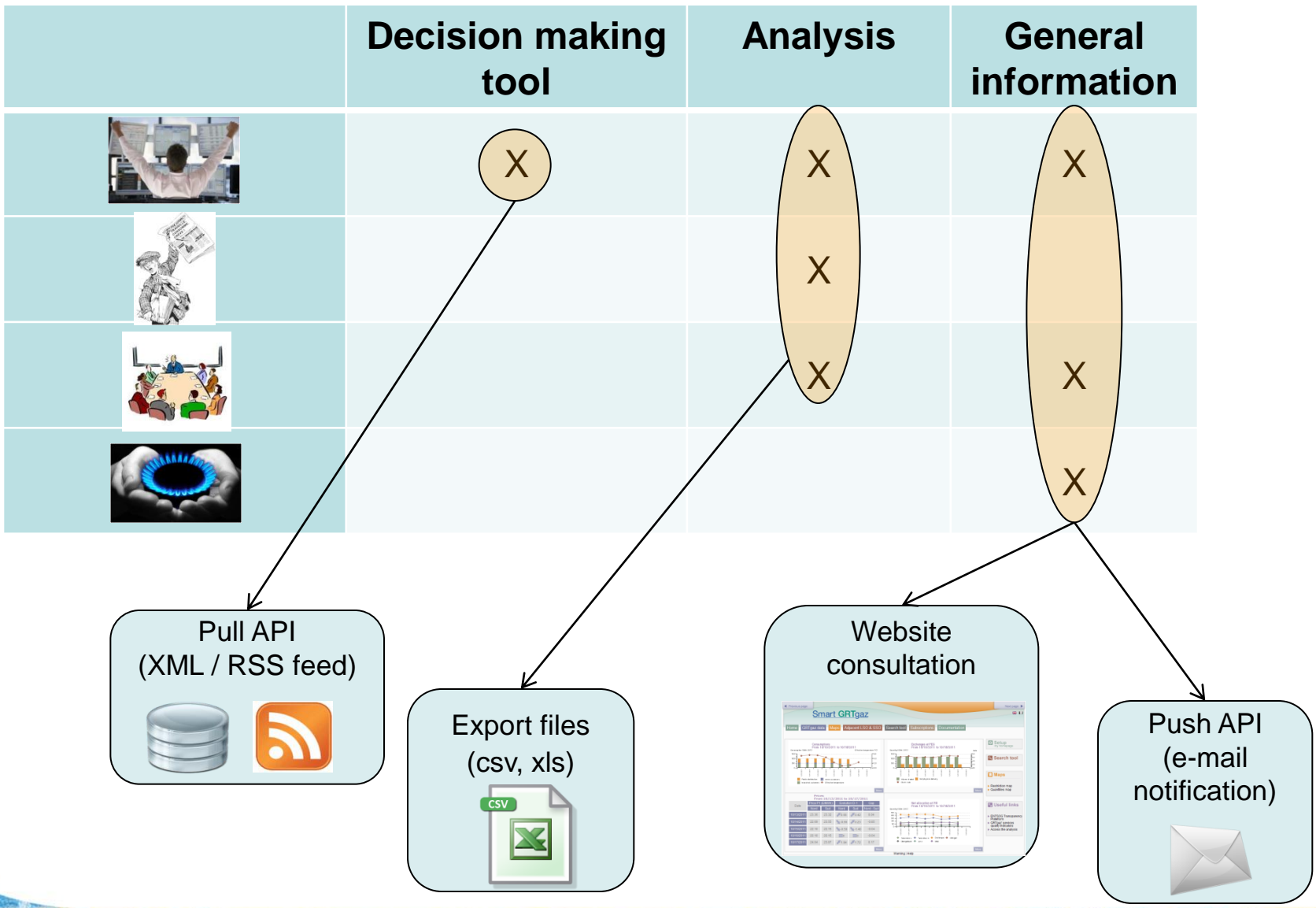
If you want the figures of an only day, select its date on the 'Date from' and 'Date to' menus.

	A	B	C	D	E	F	G
1	Date	Point	Sens	Capacite_technique_maximale	Capacite_technique_reduite	Profil_capacite_ferme	Capacite_ferme_souscrite
2	01/09/2011	Taisnières H	Forward	568521843	568521843	568521843	436718532
3	01/09/2011	Taisnières H	Reverse	121683623	121683623	121683623	30385996
4	02/09/2011	Taisnières H	Forward	568521843	568521843	568521843	436718532
5	02/09/2011	Taisnières H	Reverse	121683623	121683623	121683623	30385996
6	03/09/2011	Taisnières H	Forward	568521843	568521843	568521843	436718532
7	03/09/2011	Taisnières H	Reverse	121683623	121683623	121683623	30385996
8	04/09/2011	Taisnières H	Forward	568521843	568521843	568521843	436718532
9	04/09/2011	Taisnières H	Reverse	121683623	121683623	121683623	30385996
10	05/09/2011	Taisnières H	Forward	568521843	568521843	568521843	436718532
11	05/09/2011	Taisnières H	Reverse	121683623	121683623	121683623	30385996
12	06/09/2011	Taisnières H	Forward	568521843	568521843	568521843	436718532
13	06/09/2011	Taisnières H	Reverse	121683623	121683623	121683623	30385996

Public distribution Industrial customers Forecast Shippers CCGG customers Forecast GRTgaz Effective temperature



Many answers to feet the needs





PULL API

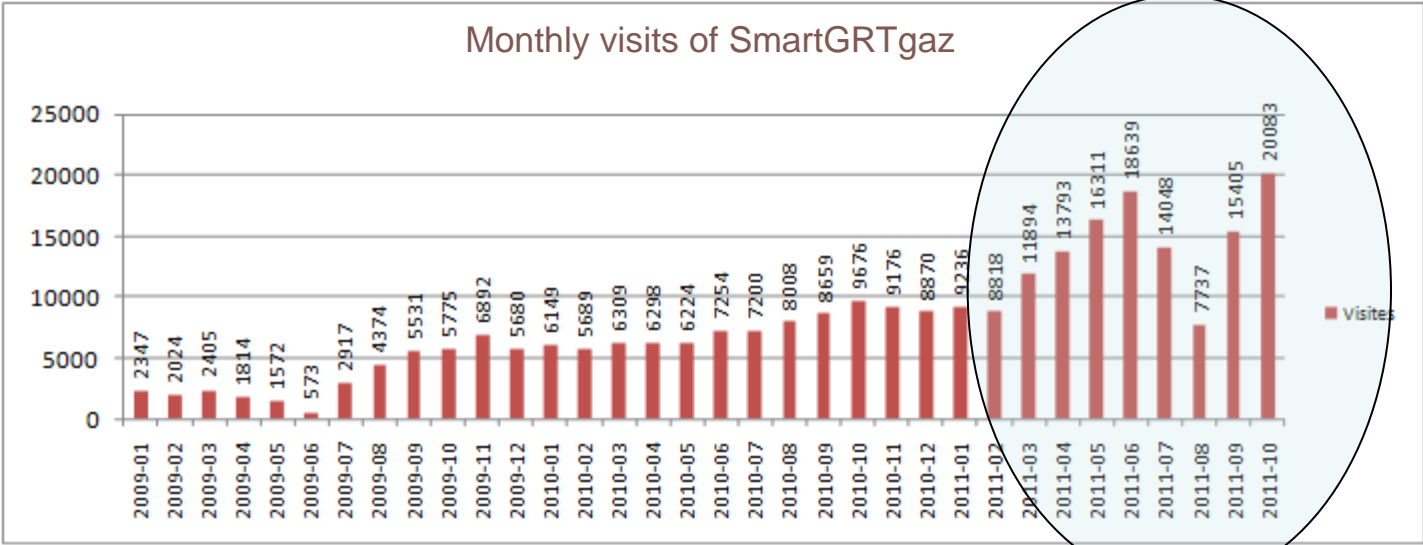
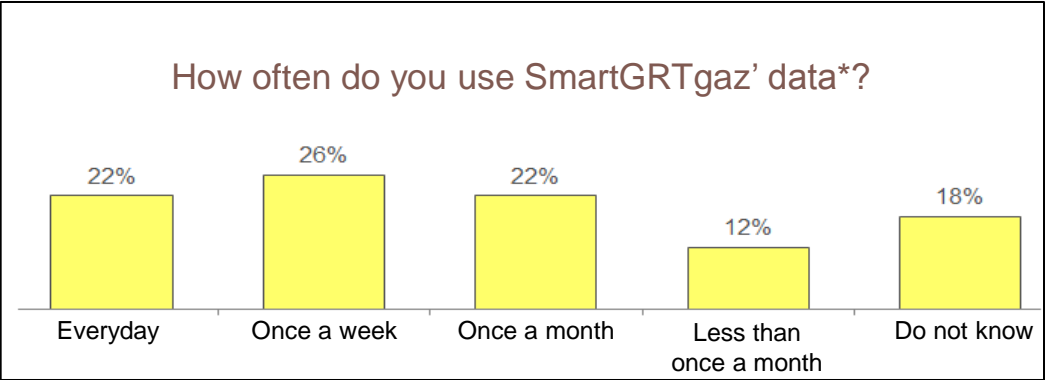
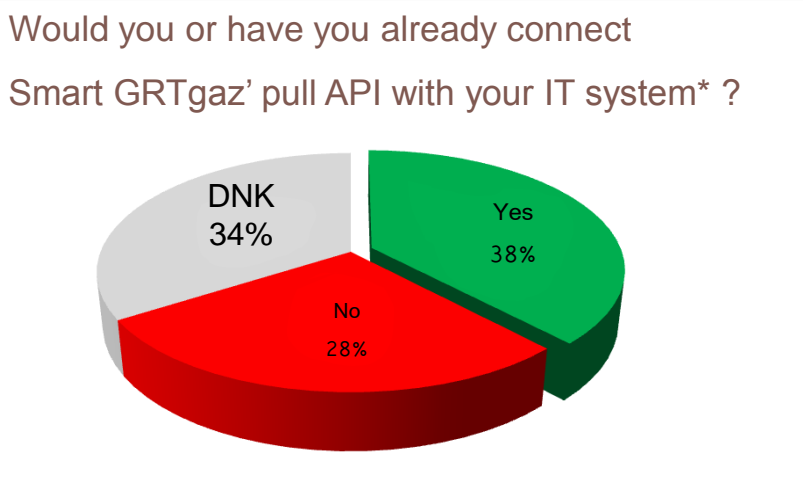
A	B	C	E	F	G	H
date	entity_type	entity_description	indicator_type	indicator_description	indicator_value	date_maj
01/09/2011	AREA	NORD B	CONSUMPTION	INDUSTRIAL CUSTOMERS' CONSUMPTION	32096708.558	31/10/2011
01/09/2011	AREA	NORD B	CONSUMPTION	PUBLIC DISTRIBUTION'S CONSUMPTION	32642520.447	31/10/2011
01/09/2011	AREA	NORD B	CONSUMPTION	GRTGAZ'S CONSUMPTION FORECAST	67176341.512	31/10/2011
01/09/2011	AREA	NORD B	CONSUMPTION	EFFECTIVE TEMPERATURE	16.044	31/10/2011
01/09/2011	AREA	NORD	CONSUMPTION	CCGT'S CONSUMPTION	62830420.906	31/10/2011
01/09/2011	AREA	NORD	CONSUMPTION	INDUSTRIAL CUSTOMERS' CONSUMPTION	205597678.037	31/10/2011
01/09/2011	AREA	NORD	CONSUMPTION	PUBLIC DISTRIBUTION'S CONSUMPTION	165287183.323	31/10/2011
01/09/2011	AREA	NORD	CONSUMPTION	GRTGAZ'S CONSUMPTION FORECAST	458884899.262	31/10/2011
01/09/2011	AREA	NORD	CONSUMPTION	EFFECTIVE TEMPERATURE	19.676	31/10/2011
01/09/2011	AREA	SUD	CONSUMPTION	CCGT'S CONSUMPTION	34914550.17	31/10/2011
01/09/2011	AREA	SUD	CONSUMPTION	INDUSTRIAL CUSTOMERS' CONSUMPTION	91301018.352	31/10/2011
01/09/2011	AREA	SUD	CONSUMPTION	PUBLIC DISTRIBUTION'S CONSUMPTION	75801165.968	31/10/2011
01/09/2011	AREA	SUD	CONSUMPTION	GRTGAZ'S CONSUMPTION FORECAST	190796927.987	31/10/2011
01/09/2011	AREA	SUD	CONSUMPTION	EFFECTIVE TEMPERATURE	21.704	31/10/2011
02/09/2011	AREA	NORD B	CONSUMPTION	INDUSTRIAL CUSTOMERS' CONSUMPTION	30064841.412	31/10/2011
02/09/2011	AREA	NORD B	CONSUMPTION	PUBLIC DISTRIBUTION'S CONSUMPTION	28263727.309	31/10/2011

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<indicator_description>AVAILABLE UTOLI CAPACITY</indicator_description>
<indicator_value>round(122458769)</indicator_value>
<date_maj>2011-10-18</date_maj>
</indicator>
- <indicator>
  <indicator_description>SUBSCRIBED INTERRUPTIBLE CAPACITY</indicator_description>
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  </indicator>
- <indicator>
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  <indicator_value>round(0)</indicator_value>
  <date_maj>2011-10-18</date_maj>
  </indicator>

```

Assessment after 6 months





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Thank you for your attention...

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