

Flow-Based Market Coupling

Status Update

EMD WG

Brussels, 22/09/2014

Raphaël Bourgeois

Agenda

Latest achievements

Parallel Run Results

Data publication & Transparency

Next Steps & Planning

Latest Achievements

What happened since our last EMD WG meeting?

Events

- ▶ **CWE Market Forum on June, 23rd** focusing on explanations for specific parallel run situations
- ▶ **NRA Public Consultation** from June 2nd to June, 30th whose summary has been communicated by NRAs
- ▶ **FB Intuitive** has been chosen for go-live
- ▶ Following the consultation outcome, **submission of final adjusted Approval Package** to CWE NRAs on August, 1st
- ▶ Project answers on NRAs' list of remaining open points (e.g. additional simulations, data publication) to be tackled before Go Live

Publications

- ▶ **Publication of Shadow Auction ATCs** since April, 18th
- ▶ **Publication of fixed, anonymized CBCOs** (ex-post publication as of July 2014)
- ▶ **Centralized publication of LTN** on CASC's website
- ▶ **Publication of report** "Special investigations on Market Surplus losses » in August

What happened since our last EMD WG meeting?

- ▶ Project partners are progressing in the technical and operational implementation
- ▶ Performance of daily parallel run with TSO CS v1.0 since end of June
- ▶ Operational usage of TSO CS v1.1 foreseen for October
- ▶ Full Integration tests between all systems successfully performed
- ▶ All parties are confident that the operational readiness will be achieved as planned by the end of November

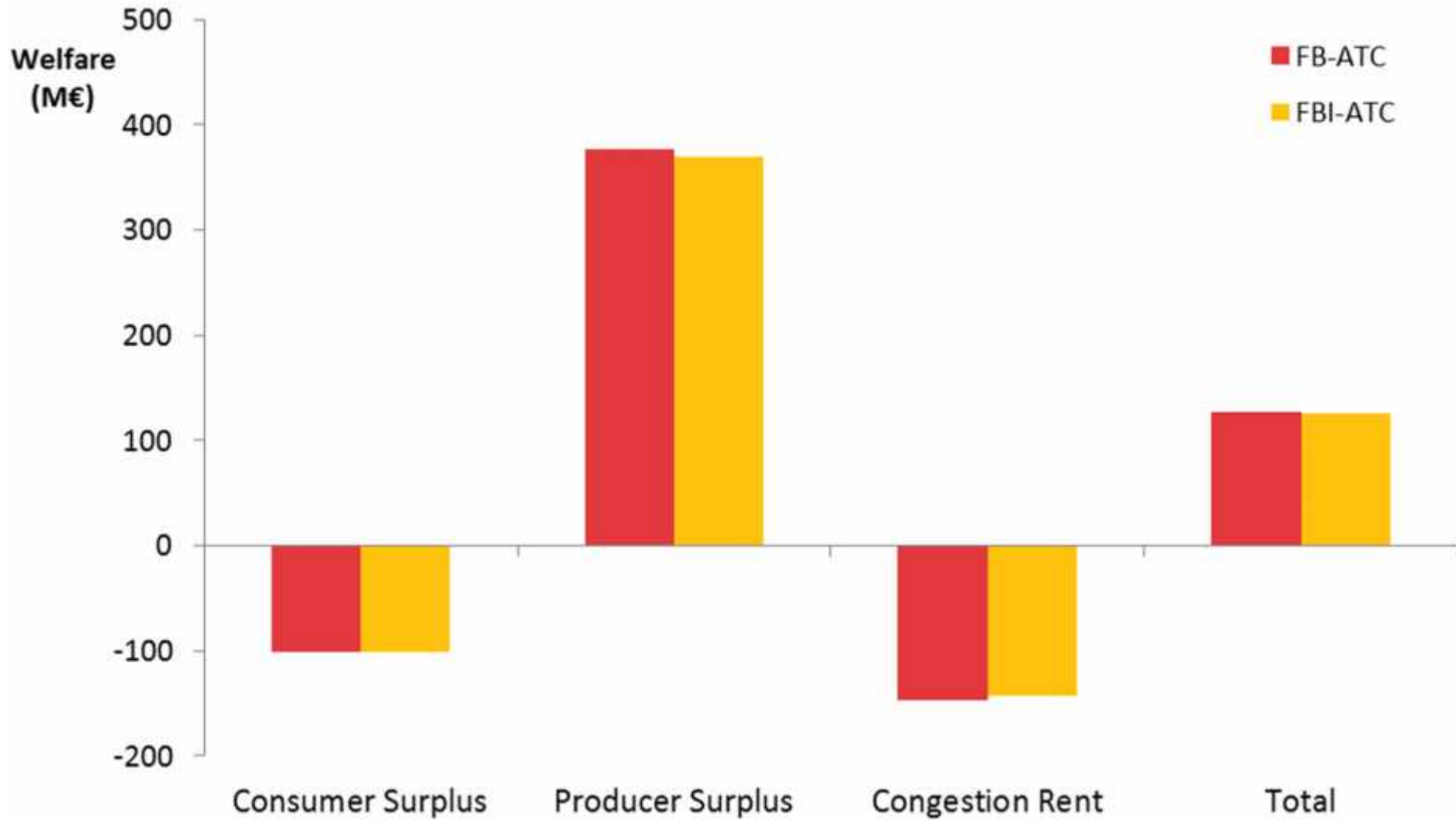
Parallel Run Results

Daily market welfare since the start of the daily publication

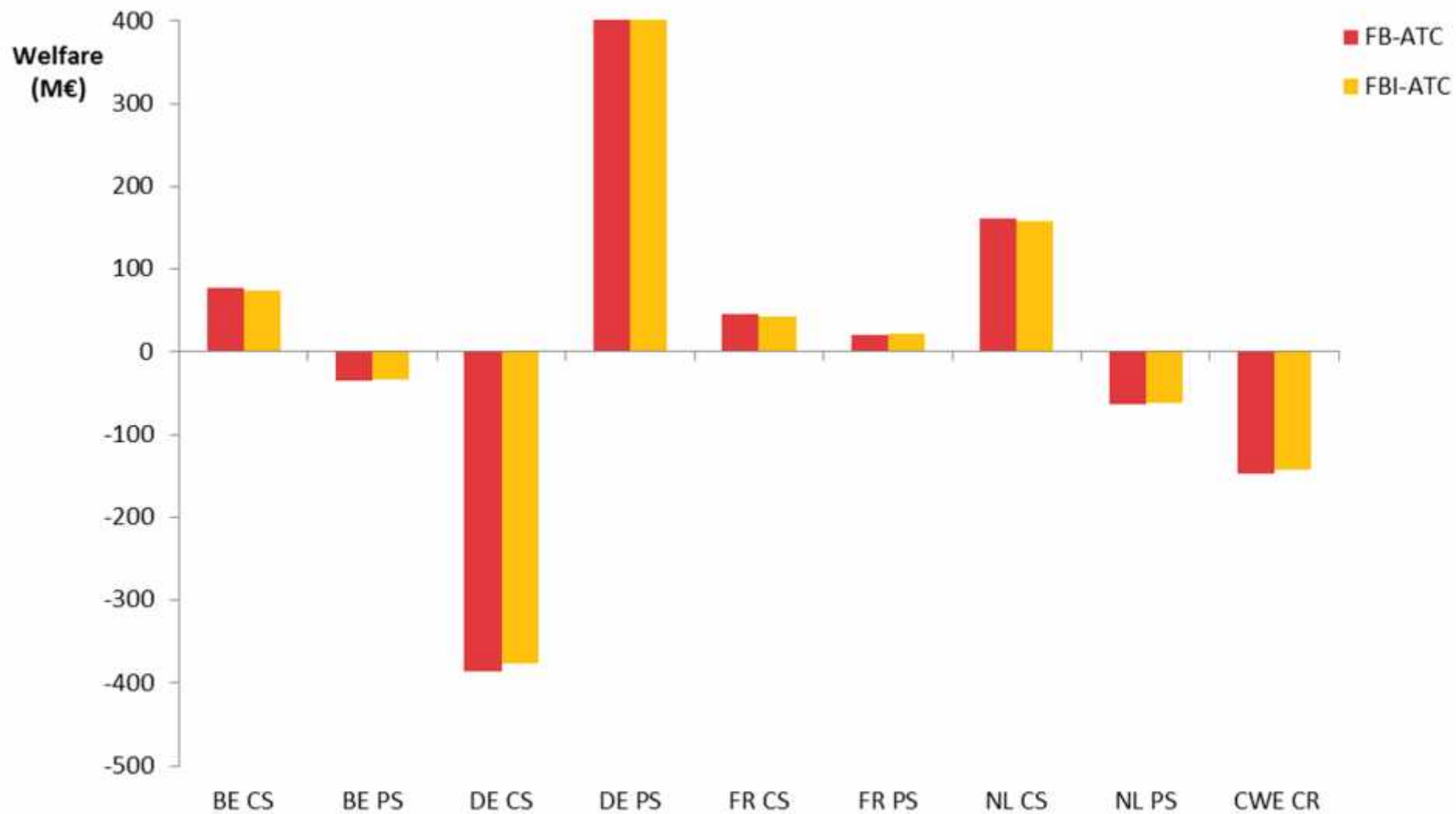
► No missing day since May 22nd

19-févr	-35333	1-mars	216190	1-avr	176612	1-mai	381559	1-juin	272874	1-juil	50142	1-août	177273	1-sept	343901
20-févr	-62236	2-mars	29044	2-avr	201164	2-mai	153770	2-juin	262549	2-juil	75065	2-août	527200	2-sept	338142
21-févr	106980	3-mars	144168	3-avr	167139	3-mai	196136	3-juin	14251	3-juil	22420	3-août	143368	3-sept	283292
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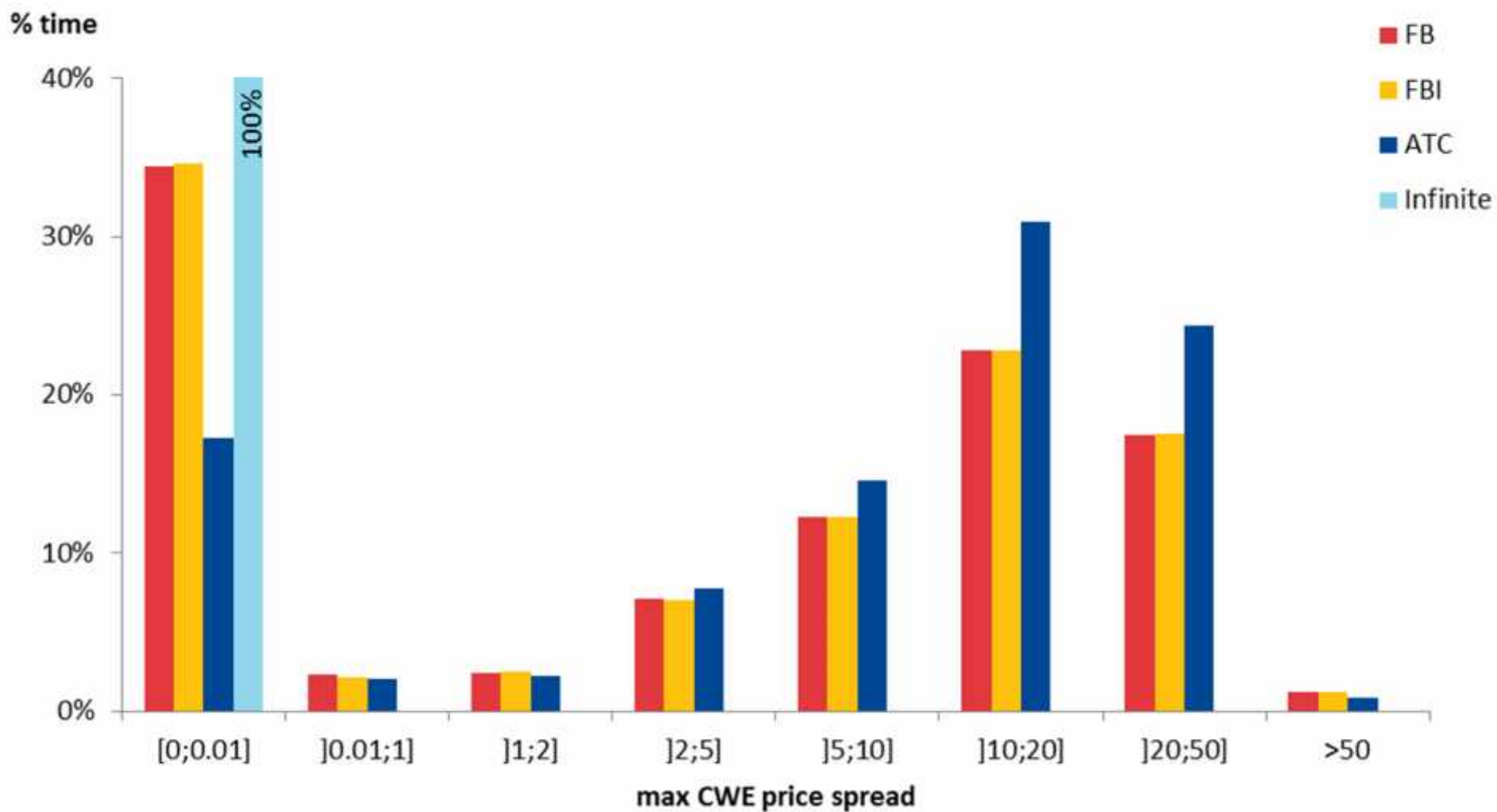
Day-Ahead Market Welfare



Day-Ahead Market Welfare Distribution



Price convergence in CWE



Data Publication & Transparency

Data publication

- ▶ Principle
 - Same information as currently published in the parallel run
 - Today “**CASC > Resource Center**”
 - At Go Live “**CASC > Market Data**”
 - Formats will remain the same and available in .csv and .xml

- ▶ Specific publications
 - Publication of all redundant CBs: because of the important size, a dedicated new ftp via CASC website will be considered
 - Monthly MC report will be published on CASC website in pdf / excel format

- ▶ Current PX ftp server will be maintained with parallel run results but not updated anymore after Go Live

Daily data publication

▶ Daily publication before GCT

- Initial FB parameters at 8:00 (before LT nominations)
- Long-term nominations at 10:30
- Final FB parameters at 10:30 (Random anonymized CBs, PTDFs, RAMs)
- ATCs for Shadow Auctions at 10:30
- Initial Intraday ATCs available after FB MC

▶ Daily publication after GCT

- Fixed anonymized CBCOs at D+2
- On www.casc.eu:
 - Capacity allocated (used margin on CBs)
 - Congestion income
 - Hub net positions
- On www.europeanpricecoupling.eu
 - Overview of the hourly CWE Hub prices for the day D+1
 - Bilateral exchanges for the day D+1

Transparency update

- ▶ Following discussions with MPs in last FBUG, project partners agree to publish **aggregated information related to the D-2 common grid model**
- ▶ Aggregated hourly information will be published monthly ex-post:

1. Vertical Load

2. Generation

3. Reference Bilateral Exchanges

TimeStamps	D2CF											
	Vertical load				Generation				Reference Bilateral Exchanges			
	BE	DE	FR	NL	BE	DE	FR	NL	BE-NL	DE-NL	FR-BE	FR-DE
20130101_0030	7040	24468	43606	7163	6566	30875	50657	5284	1401	1602	1955	-1477
20130101_0130	6513	23632	40841	6469	5921	30022	47844	5083	1401	1602	2066	-1500
20130101_0230	6076	23302	40004	6030	5250	29831	47065	4643	1401	1602	2299	-1500
20130101_0330	5889	23167	36809	5994	5218	29569	43264	4406	1401	1803	2142	-1500
20130101_0430	5812	23041	35299	5909	5244	29424	41392	4392	1329	1803	1966	-1425
20130101_0530	5747	22429	34982	5841	5250	29244	40869	4426	1226	1803	1791	-1500
20130101_0630	5898	22714	35575	5932	5246	29929	41891	4451	1372	1702	2094	-1500
20130101_0730	5864	25435	36131	6364	5567	33002	42213	4875	1401	1702	1766	-1500
20130101_0830	6243	26670	37982	6993	5703	33876	44015	5499	1401	1702	2011	-1306
20130101_0930	6665	27460	39642	7540	5773	34301	47465	5652	1401	1602	2371	-333
20130101_1030	6971	27793	42063	8116	5744	35600	49013	6012	1394	1602	2700	-1500
20130101_1130	7198	28632	43195	8431	5834	36262	50475	6194	1254	1560	2700	-1200
20130101_1230	7229	28369	44788	8587	5833	35869	52120	6291	1223	1560	2700	-1200
20130101_1330	7065	27125	43417	8598	5794	34678	50989	6236	1344	1553	2700	-1200
20130101_1430	6937	27365	41278	8526	5806	34956	48825	6270	1401	1553	2615	-1200
20130101_1530	6916	26891	39832	8430	6014	32980	48375	6202	1401	1602	2385	449
20130101_1630	7069	26909	39748	8841	6092	32588	49022	6282	1401	1602	2463	826
20130101_1730	7816	30975	43254	9309	6876	36475	53007	6754	1401	1602	2443	550
20130101_1830	7971	31704	47895	9362	6900	36239	58093	6807	1401	1602	2580	854
20130101_1930	7890	30992	49485	9200	6857	36059	58905	6694	1401	1553	2536	87

- ▶ D2CF publication has been included in the final NRA approval package, amended after the consultation and submitted to NRAs on August, 1st

Next Steps and Planning

What is coming soon?

- « Parallel run performance study » report
 - Communication on the go-live date
 - FB UG meeting 30/09
 - Regulatory approval
-

Agenda FB UG (30/09)

1. Project Status

- Latest achievements
- CWE Project Planning

2. Parallel run performance study

3. NRA synthesis of public consultation outcome

- Project answers on pending NRA requests

4. Data publication for Go Live

- Overview of data publication (places & format) at Go Live
- Summary of agreed transparency framework for Go Live

5. Data publication after Go Live (common discussion)

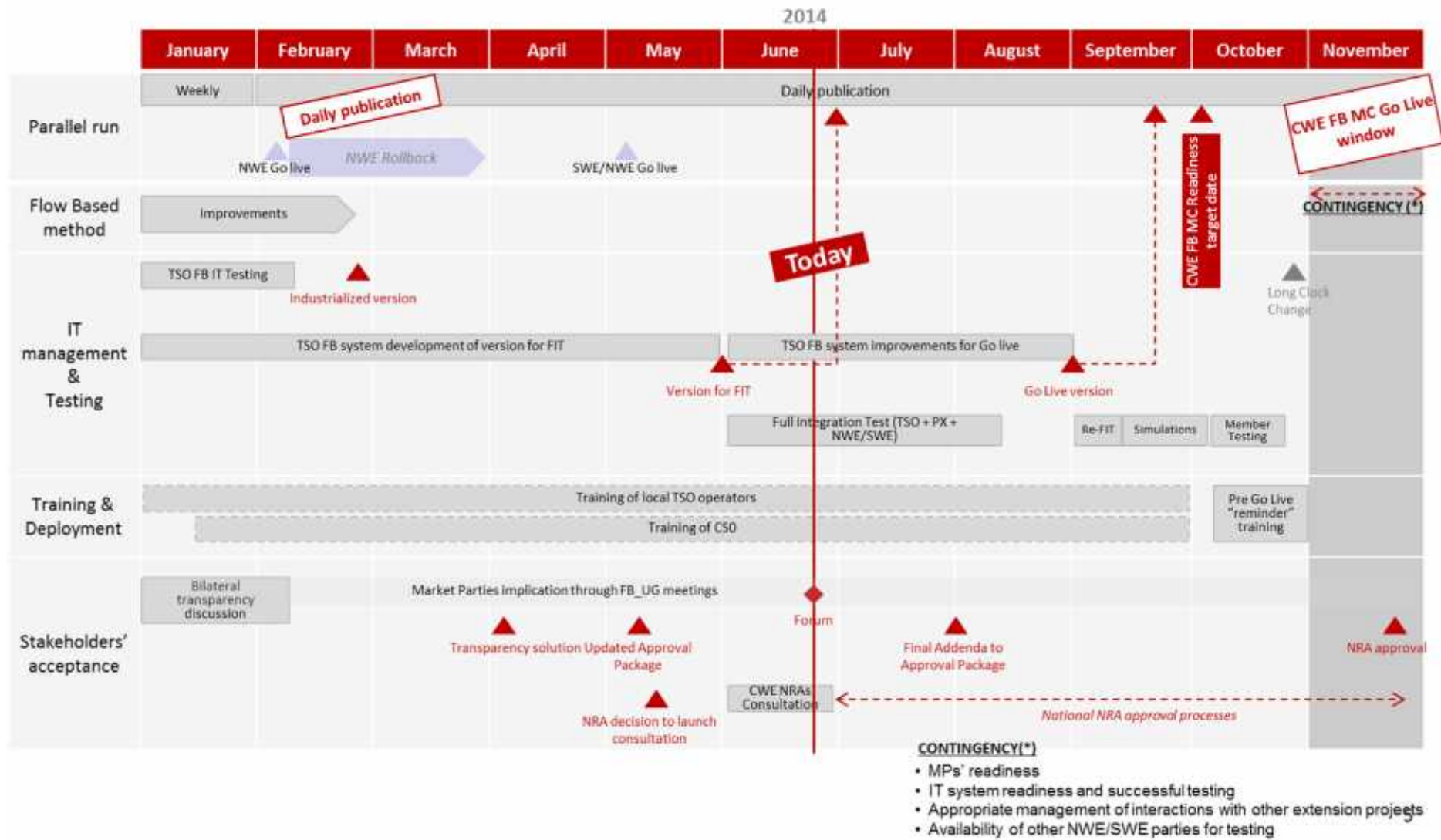
- Typical winter days
- Impact of grid changes on FB parameters

6. Further exchanges with Market Parties

- Presentation of member test organization
- Proposal for creation of Stakeholder Committee after Go Live

7. AOB

Last Project Planning





Many thanks for your attention!

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