

*Side event at UN Climate Change Conference – COP 14,  
Poznań, 5 December 2008*

# ETS go-live with the ITL: overview



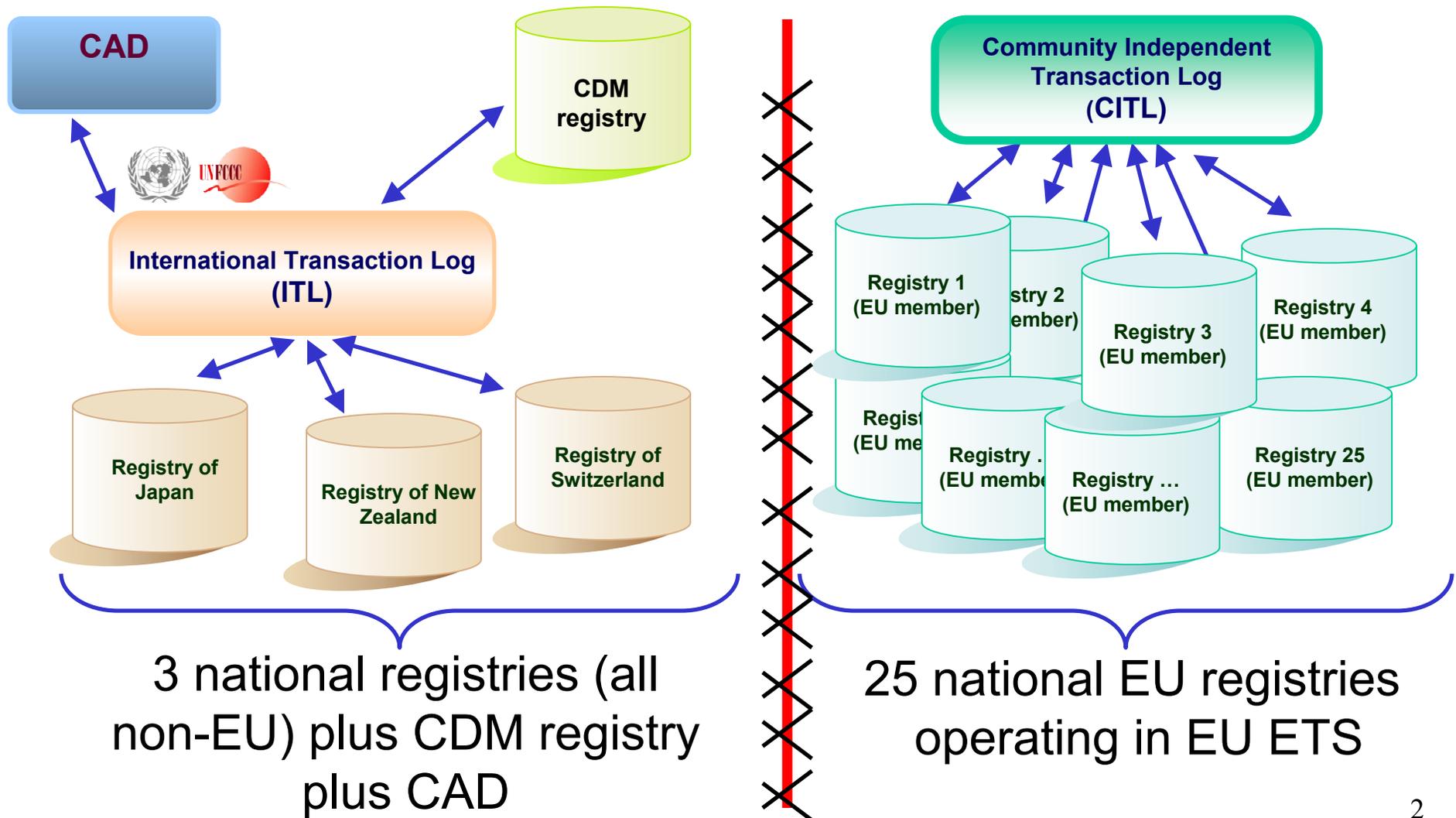
by Sergey KONONOV (UNFCCC secretariat)



United Nations Framework Convention on Climate Change

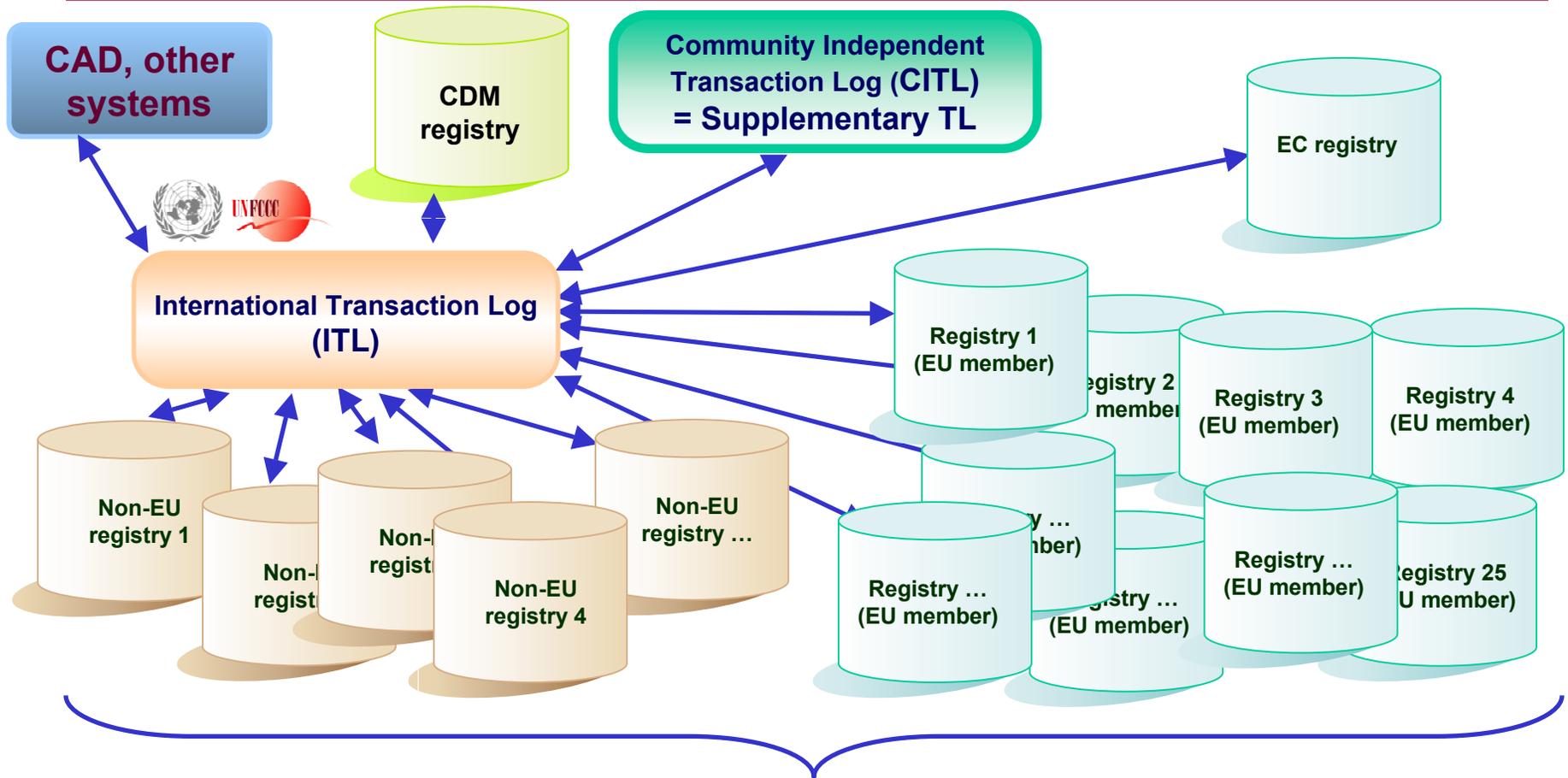
# What is ETS go-live with ITL?

a) situation in Dec.2007: two trading systems



# What is ETS go-live with ITL?

b) to achieve by ETS go-live: one system



All registries operating under Kyoto Protocol rules within one single system

# Starting point: status in Dec.2007

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- ITL in live operation since 14 Nov. 2007
- Connected and in live operation with the ITL
  - CDM registry and CDM information system
  - CAD (compilation and accounting database)
  - 3 national registries (Japan, New Zealand, Switzerland)
- No CITL-ITL connection yet
- Delay in ETS go-live with ITL announced (Sep.2007);  
no new go-live date set
- SBI-27 (Bali) urged Annex B Parties to initiate operation with  
the ITL as soon as possible

⇒ **ETS go-live = UNFCCC priority for 2008**

# Approach to go-live preparation

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- Comprehensive and clear planning ✓
  - many actors (ITL, CITL, registries)
  - long preparation period (more than one year)
  - involvement of ITL operator and software developers
- Close cooperation with the EC
  - joint effort to finalize technical approach (restoration)
  - joint planning effort (durations, milestones)
- Timely and clear communication with registries
  - advance reviews of go-live documents
  - discussions at forums of registry system administrators (RSAs)
- Step-by-step preparation, involving
  - coordinated testing
  - go-live rehearsals ✓ ✓

# 1: Planning

ID	Task Name	Start	Finish	May 2008				Jun 2008				Jul 2008				Aug 2008				Sep 2008				Oct 2008			
				4/5	11/5	18/5	25/5	1/6	8/6	15/6	22/6	29/6	6/7	13/7	20/7	27/7	3/8	10/8	17/8	24/8	31/8	7/9	14/9	21/9	28/9	5/10	12/10
1	Planning released to RSAs	05/05/2008	05/05/2008																								
2	Planning discussed at RSAF	13/05/2008	14/05/2008																								
3	1st rehearsal	15/05/2008	29/05/2008																								
4	1st coordinated testing	23/06/2008	01/07/2008																								
5	2nd rehearsal	02/07/2008	18/07/2008																								
6	2nd coordinated testing	05/08/2008	22/08/2008																								
7	3rd rehearsal	22/09/2008	26/09/2008																								
8	ETS go-live event	06/10/2008	16/10/2008																								

- Full planning released on 5 May 2008 (after review with the EC, ITL vendors and registry software developers)
- Discussed with registries at RSA forum in May 2008
- Updates after rehearsals and coordinated testing  
=> see next...

## 2: Coordinated testing

ID	Task Name	Start	Finish	May 2008				Jun 2008				Jul 2008				Aug 2008				Sep 2008				Oct 2008			
				4/5	11/5	18/5	25/5	1/6	8/6	15/6	22/6	29/6	6/7	13/7	20/7	27/7	3/8	10/8	17/8	24/8	31/8	7/9	14/9	21/9	28/9	5/10	12/10
1	Planning released to RSAs	05/05/2008	05/05/2008	■																							
2	Planning discussed at RSAF	13/05/2008	14/05/2008	■																							
3	1st rehearsal	15/05/2008	29/05/2008	■	■	■	■	■	■																		
4	1st coordinated testing	23/06/2008	01/07/2008					■	■																		
5	2nd rehearsal	02/07/2008	18/07/2008							■	■	■	■	■													
6	2nd coordinated testing	05/08/2008	22/08/2008														■	■	■	■	■						
7	3rd rehearsal	22/09/2008	26/09/2008																							■	

- 1<sup>st</sup> testing with software developers
  - ITL-CITL, all types of registry software
- 2<sup>nd</sup> testing with registries (voluntary – 18 registries)
  - ITL-CITL, real registries
- Focus: behaviour of all systems together (tests designed)
- Useful feedback received after each testing
  - all issues (bugs, improvements) logged into a centralized tracking issue system (JIRA) with subsequent follow-up

# 3: Rehearsals

ID	Task Name	Start	Finish	May 2008				Jun 2008				Jul 2008				Aug 2008				Sep 2008				Oct 2008			
				4/5	11/5	18/5	25/5	1/6	8/6	15/6	22/6	29/6	6/7	13/7	20/7	27/7	3/8	10/8	17/8	24/8	31/8	7/9	14/9	21/9	28/9	5/10	12/10
1	Planning released to RSAs	05/05/2008	05/05/2008																								
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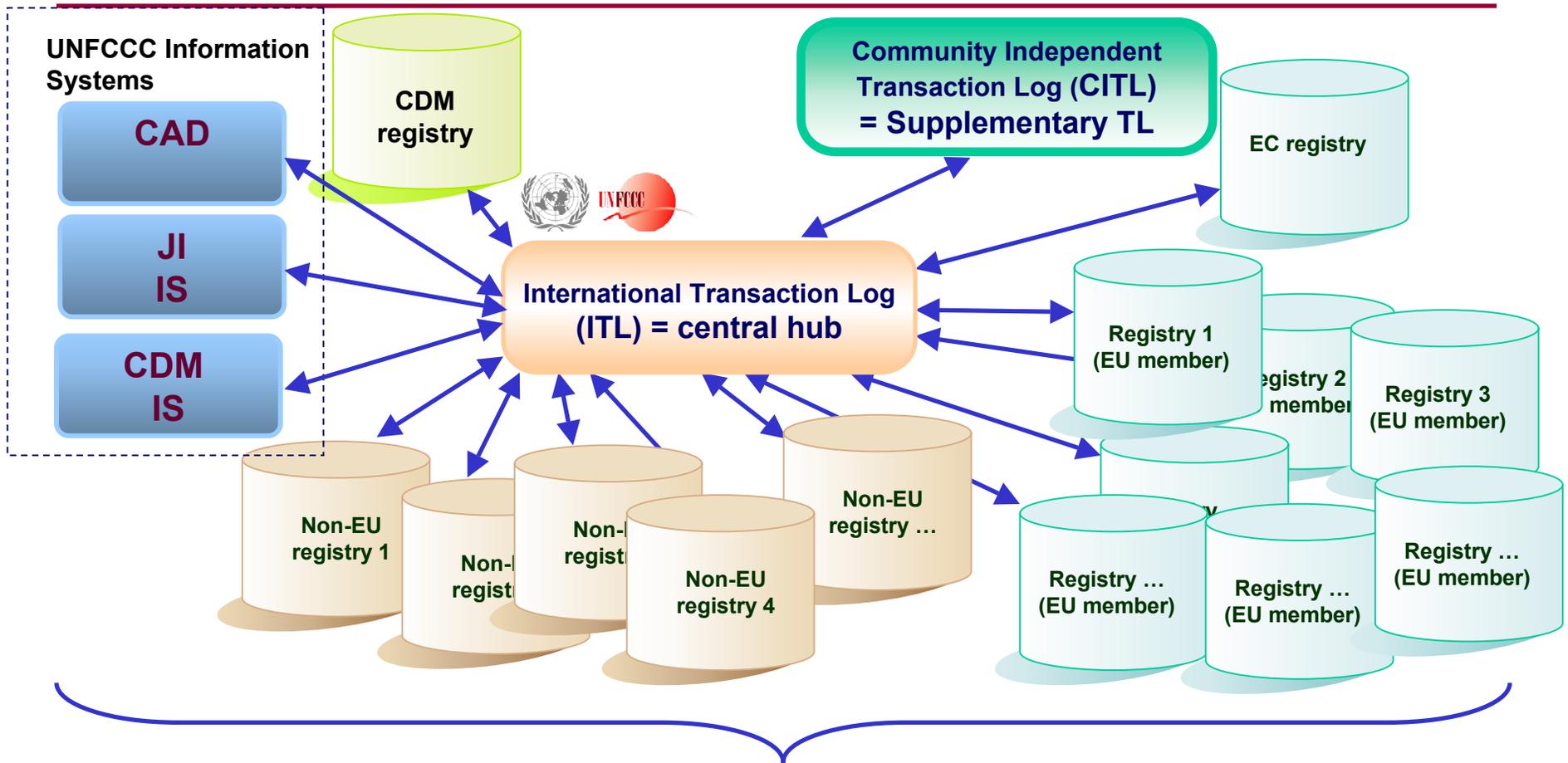
- “Rehearsal” = simulation of event (different from testing)
- 1<sup>st</sup> rehearsal with software developers; focus = restoration
- 2<sup>nd</sup> rehearsal with registries; focus = full simulation
- 3<sup>rd</sup> rehearsal with registries; focus = connectivity
- Useful feedback received after each rehearsal  
=> all issues (bugs, improvements) logged into a centralized tracking issue system with subsequent follow-up

# Go-live event

ID	Task Name	Start	Finish	May 2008					Jun 2008					Jul 2008					Aug 2008					Sep 2008					Oct 2008																			
				4/5	11/5	18/5	25/5	1/6	8/6	15/6	22/6	29/6	6/7	13/7	20/7	27/7	3/8	10/8	17/8	24/8	31/8	7/9	14/9	21/9	28/9	5/10	12/10	19/10																				
1	Planning released to RSAs	05/05/2008	05/05/2008	█																														Date	From	To	Units	Nb of tx										
2	Planning discussed at RSAF	13/05/2008	14/05/2008	█																														16-OCT-08	non-ETS	ETS	15	8										
3	1st rehearsal	15/05/2008	29/05/2008	█																														16-OCT-08	ETS	non-ETS	500,012	33										
4	1st coordinated testing	23/06/2008	01/07/2008	█																														16-OCT-08	non-ETS	non-ETS	403,843	30										
5	2nd rehearsal	02/07/2008	18/07/2008	█																														16-OCT-08	ETS	ETS	2,810,459,321	689										
6	2nd coordinated testing	05/08/2008	22/08/2008	█																																												
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- Step 1: data migration (2 days planned, 2 spent)
  - data migrated for CITL-ITL and registries
- Step 2: registries switch-over from CITL to ITL (2 days planned, 2 spent)
  - one registry delayed but was able to catch up
- Step 3: restoration of accounts in registries (5 days planned, 3 spent)
  - most of technical work was completed 2 days earlier!
- **ITL re-started live operation at 8:00 am on 16 October as planned**
- Step 4: connection for new ETS members (LIE, NOR): done on 21 Oct.

# Registry systems after ETS go-live



All registries operating under Kyoto Protocol rules within one single system

# Status in Dec.2008

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- ITL in live operation since 14 Nov. 2007
- Connected and in live operation with the ITL
  - CDM (clean development mechanism) registry and CDM info system
  - CAD (compilation and accounting database)
  - JI (joint implementation) information system
  - CITL (community independent transaction log) = STL
  - 33 registries (32 national + EC)
    - pending: Australia(\*), Belarus(\*), Canada, Croatia(\*), Iceland, Monaco
- **Market size\*\* changed from 24 to about 50 bln t CO<sub>2</sub>-eq**
- **Number of transactions on steep increase since 16 Oct.**
- **Focus now – operation: support, maintenance, feedback, improvement (=> next presentation...)**

\* No Independent Assessment Report (IAR) yet

\*\* Market size = number of AAUs issued by the registries