



The ITL and transactions on CERs

Carbon market infrastructure:
International transaction Log

December 2009

Climate Change Secretariat
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UNFCCC



UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

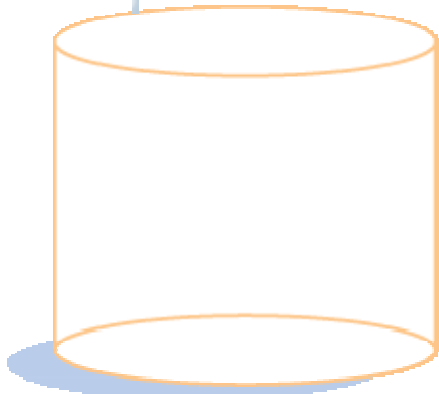
Transactions on CERs

Issuance of CERs

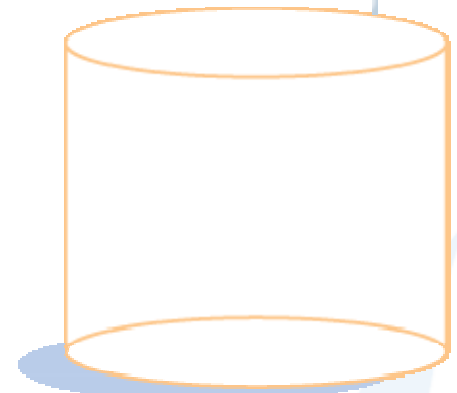
- *Forwarding to National Registry*
- *Retirement of CERs*

Issuance of CERs

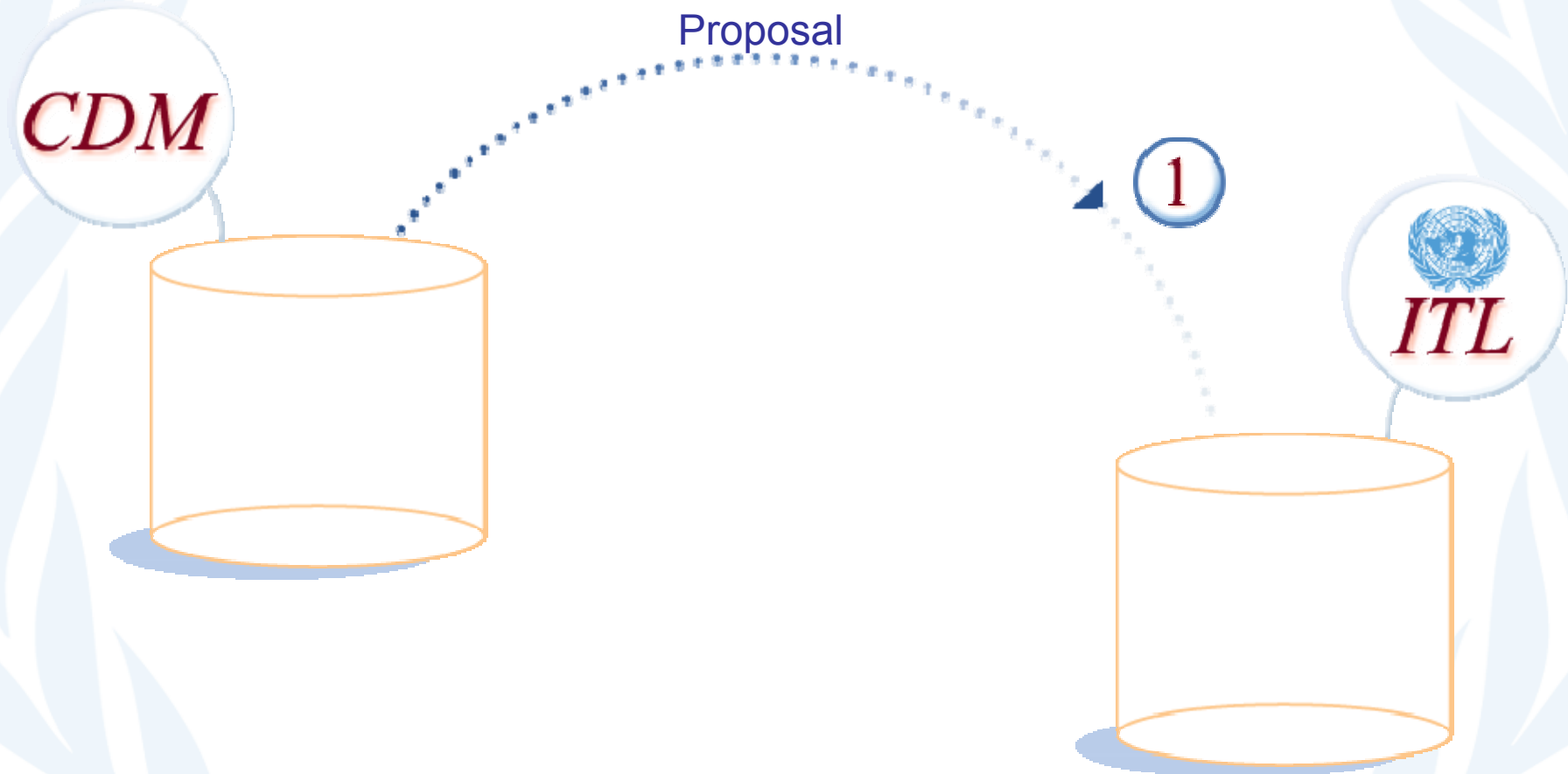
CDM




ITL



Issuance of CERs



CDM - Issuance proposal

The screenshot shows the 'Issue Units: Step' interface. A sidebar on the left contains a navigation menu with 'Transactions' highlighted. A central callout box lists the available transaction types. A 'Create New Block' form is visible, with a callout box detailing its fields and values. A 'Submit Proposal in TL' button is at the bottom.

Transactions

- Issue Units
- Forward Units
- Cancel Units
- Forward from Annex I Account to National Registry
- Forward from Non-Annex I Account to National Registry
- Expiry Date Change
- Interim Transactions
- Pending Rollbacks

Issue Units: Step

Issue Units: Step

Current Account Unit Details

Project ID

Create New Block

Total Units	10000
Project ID	ZA-177
Originating Party	South Africa
Beginning Serial Number	1
Ending Serial Number	10000
Unit Type	CER
Applicable Commitment Period	1
Original Commitment Period	1
LULUCF Activity	
Expiry Date	

Comment

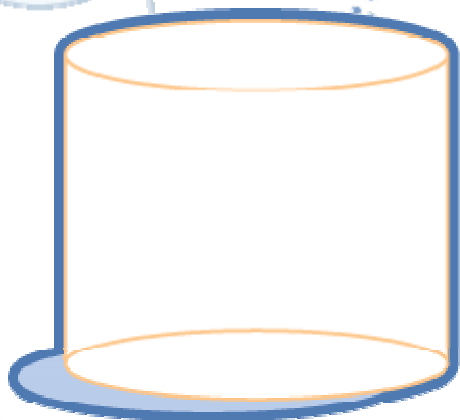
Instruction Number: EPIC

Password: ****

Back Submit Proposal in TL

Issuance of CERs

CDM

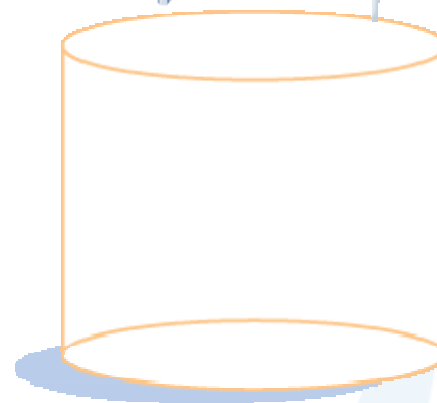


Proposal

2

ITL Check Results

1



Issuance of CERs

Key policy checks

DESCRIPTION	CODE	
CERs must be issued by the CDM Registry.	5003	✓
Commitment Period of units must be appropriate.	5005/6	✓
Serial numbers must be unique and new.	5007	✓
Quantity of CERs to be issued for the project must not exceed the quantity specified by the Executive Board.	5012	✓
Project ID must be present in the issuance proposal.	5014	✓

ITL - Issuance status

Transaction Information

Transaction ID CDM000000001
Transaction type 1-Issuance - Initial creation of a unit Transaction Date 2006-10-26 3:39:50 480
Supplementary Transaction type Transaction Status 2-Checked (No Discrepancy)
Transferring Registry CDM Acquiring Registry CDM
Transferring Account Type 0 Acquiring Account Type 110

The screenshot shows a web-based interface with a left-hand navigation menu containing: Registry Mgt, Transaction Mgt, Unit Block Mgt, Job Mgt, User Mgt, Log Mgt, and Code Tables Mgt. The main content area is divided into two sections:

- Transaction Information:** A summary box containing the same data as the top section of the slide.
- Transactions History / Transactions Status:** A table with the following content:
2 items found, displaying all items.1

Transaction Status Code	Transaction Status Description	Status Date
1	Proposed	2006/10/26 10:39:42.344
2	Checked (No Discrepancy)	2006/10/26 10:39:42.853

Export options: CSV HTML. Buttons for Backs and Refresh are visible.

Issuance of CERs

CDM

Proposal

1

ITL Check Results

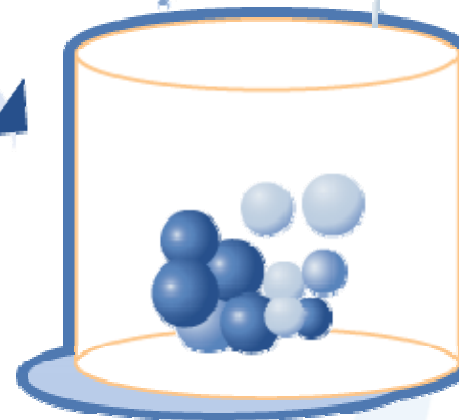
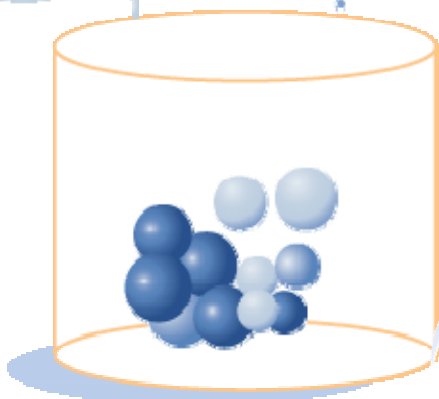
2

Confirmation

3



ITL



CDM - Issuance completion

The screenshot displays the UNFCCC web interface. At the top left is the UNFCCC logo. A navigation menu on the left includes: Home, Projects, Accounts, Transactions (with sub-items: Issue Units, Forward Units, Cancel Units, Forward from to National Re, Forward from Account to Na, Expiry Date Cl, Interim Trans, Pending Roll), Notification Log, Message Log, Reconciliation, Reports, My Profile, Reference Documents, and Log Out. The main content area is titled 'Issue Units: Confirmation of Unit Issuance' and shows: Transaction ID: CDM2017, Transaction Date: 26/10/2006, and Transaction Status. Below this is a 'Communications Log' table with the following data:

Date	Action	Web Service	Source
26/10/2006 03:39:53 940	Sent	acceptNotification	CDM
26/10/2006 03:39:51 580	Received	acceptNotification	ITL
26/10/2006 03:39:48 330	Sent	acceptProposal	CDM

Below the main table is a smaller, tilted version of the same 'Communications Log' table, with a red arrow pointing from the main table to it. A 'Continue' button is visible at the bottom of the tilted table.

ITL – Issuance status

Transaction Information

Transaction ID	CDM000000001	Transaction Date	2006-10-26 3:39:54 170
Transaction type	1-Issuance - Initial creation of a unit	Transaction Status	4-Completed
Supplementary Transaction type		Acquiring Registry	CDM
Transferring Registry	CDM	Acquiring Account Type	110
Transferring Account Type	0		

Transaction Information

Transaction ID	CDM000000001	Transaction Date	2006-10-26 3:39:54 170
Transaction type	1-Issuance - Initial creation of a unit	Transaction Status	4-Completed
Supplementary Transaction type		Acquiring Registry	CDM
Transferring Registry	CDM	Acquiring Account Type	110
Transferring Account Type	0		

Transactions History
Transactions Status

3 items found, displaying all items.1

Transaction Status Code	Transaction Status Description	Status Date
1	Proposed	2006-10-26 3:39:48 430
2	Checked (No Discrepancy)	2006-10-26 3:39:50 480
4	Completed	2006-10-26 3:39:54 170

Transactions on CERs

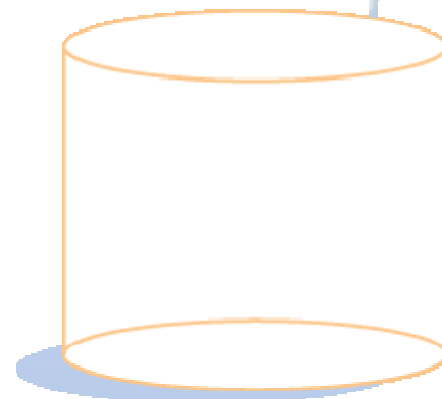
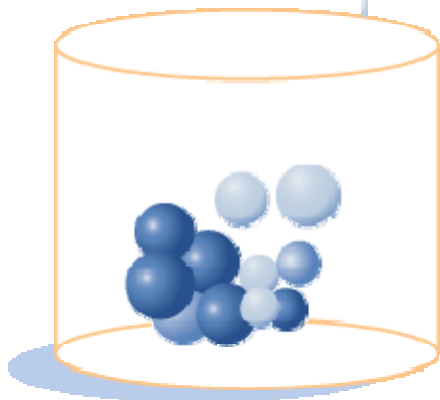
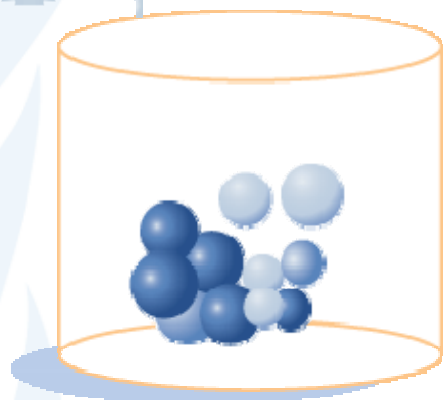
- *Issuance of CERs*

Forwarding to National Registry

- *Retirement of CERs*

Forwarding to National Registry

CDM



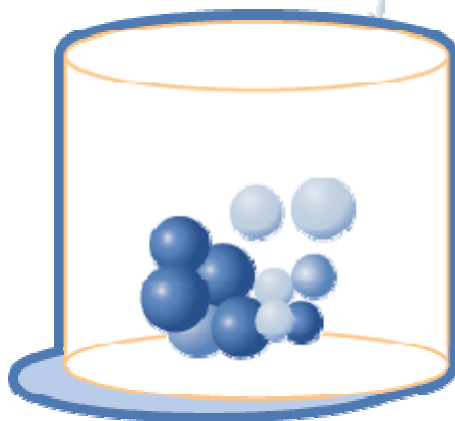
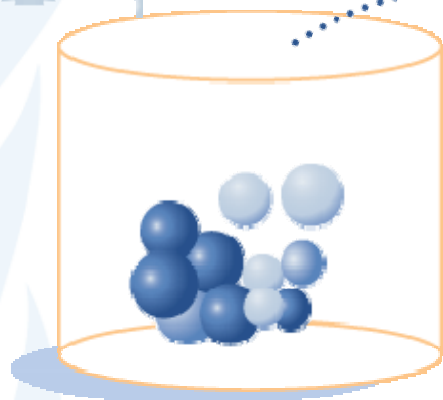
Forwarding to National Registry

CDM

Proposal

1


ITL



CDM - Forwarding proposal

Forward from Annex I Account to National Registry: Step 2 - Review Forwarding Transaction

Units to be Transferred from

Account Identifier	{081}
Account Name	Temporary Holding Account for Government of Japan
Representative	Suzuki, Ichiro
Participant	Government of Japan
Party	JP

Units to be Acquired by

Account Identifier	JP-013
Account Name	Holding Account for Government of Japan
Party	JP

Units to be Transferred

Unit Type	Project ID	Originating Party	Serial Range	Unit(s)
CER	ZA-177	ZA	1-5000	5000

Units to be Transferred

Unit Type	Project ID	Originating Party	Serial Range	Unit(s)
CER	ZA-177	ZA	1-5000	5000

Forwarding to National Registry

CDM

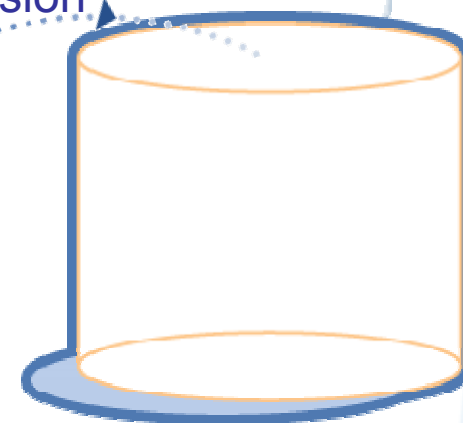
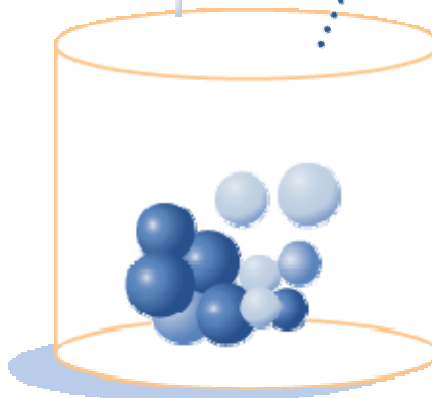
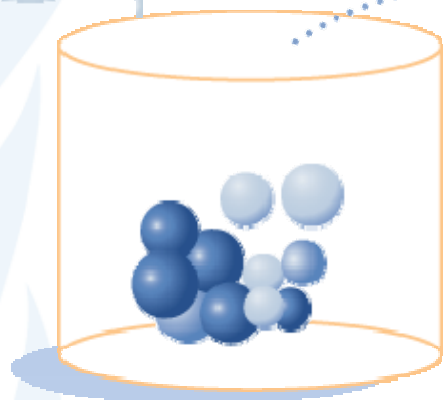
Proposal

1



Proposal transmission

2



Forwarding to National Registry

CDM

Proposal

1



Proposal transmission

2



3

Registry accepts

UNFCCC



UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

Japan - Forwarding completion

国別登録簿システム Microsoft Internet Explorer

国別登録簿システム
The National Registry System

移転明細照会条件入力

照会する日付の範囲を指定し、「移転明細照会結果表示」ボタンを押して下さい。

照会期間日付

2006年 01月 01日 ~
2006年 12月 31日

口座番号: JP-100-119

移転明細照会結果表示

現在日時 (JST) : 2006年11月10日 20:00

トランザクション詳細表示

移転日: 2006/11/10
 トランザクション種別: 譲渡移転
 状態: 処理完了
 移転元口座番号: CDM-100-1091
 移転元法人名: CDM登録簿
 移転先口座番号: JP-100-119
 移転先法人名: 日本国政府
 クレジット量 (集計): 5,000 t-CO₂
 トランザクション番号: CDM-0000
 訂正フラグ: -
 訂正対象トランザクション番号: -

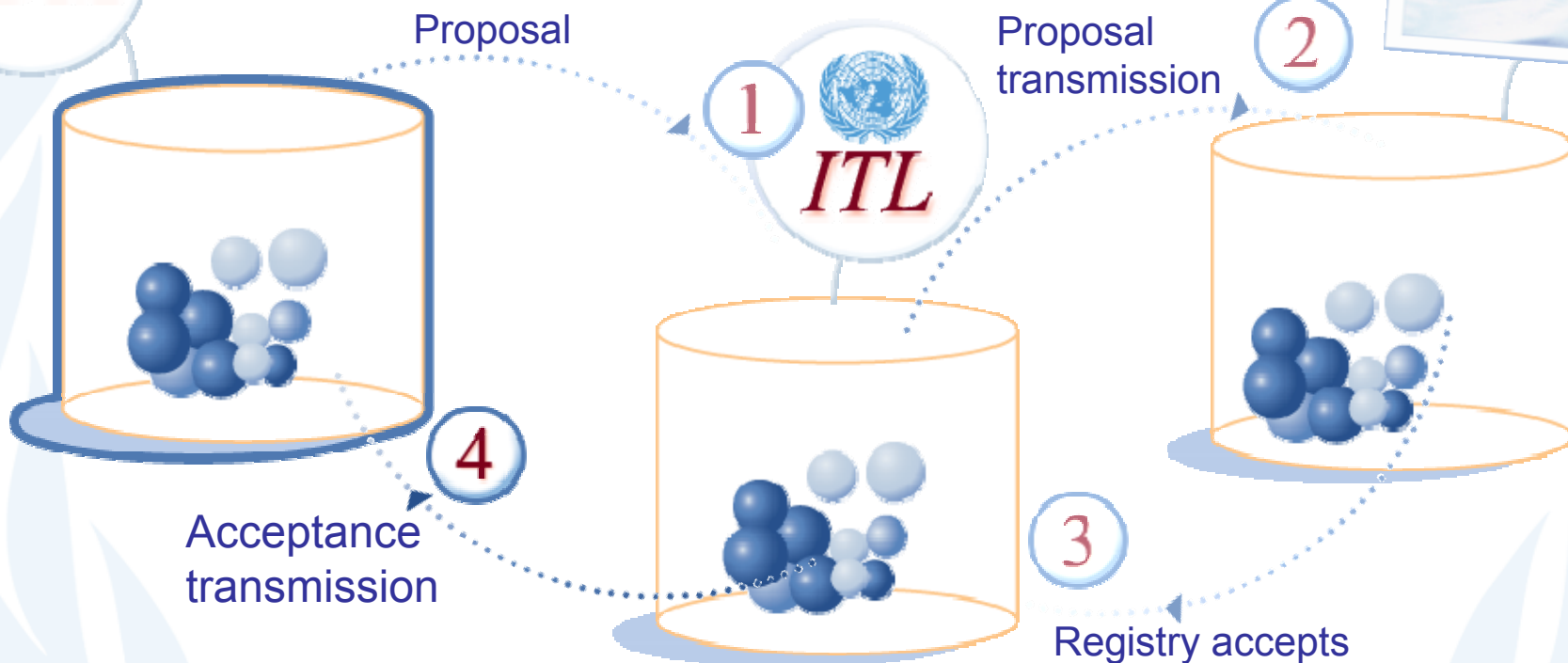
項番	原産締約国	クレジット種別	発行約束期間	適用約束期間	吸収源活動タイプ	プロジェクト番号	トラック	クレジット量 (t-CO ₂)	有効期限
1	ZA	CER	1	1		177		5,000	

項番	原産締約国及びクレジット特定番号							クレジット量 (t-CC ₂)
	原産締約国	クレジット種別	発行約束期間	適用約束期間	吸収源活動タイプ	プロジェクト番号	トラック	有効期限
1	ZA-1 ~ ZA-5000							5,000
	ZA	CER	1	1		177		

※訂正フラグに「訂正」と記述されたクレジットは過誤訂正処理にて移転したクレジットであることを示します。

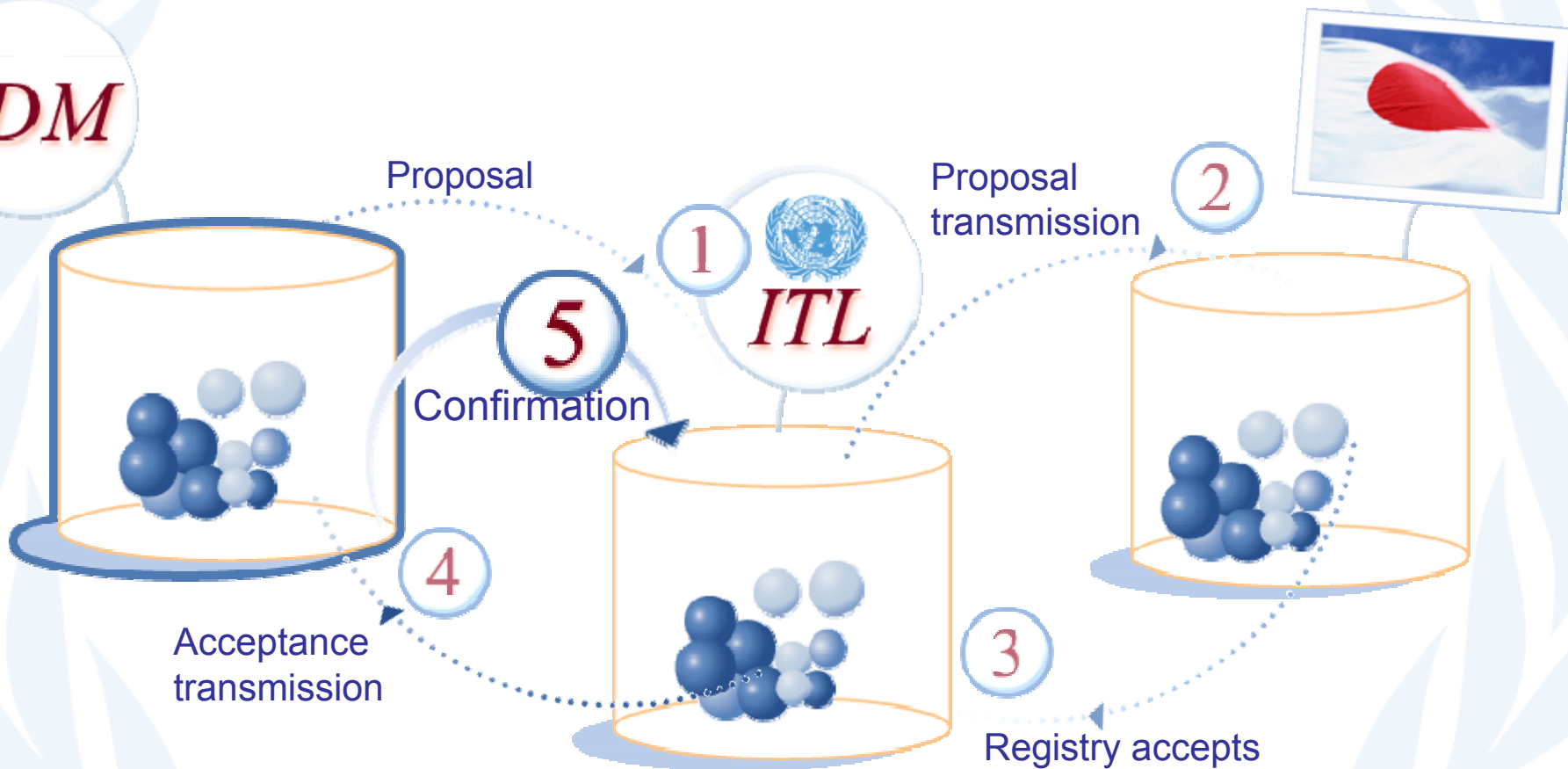
Forwarding to National Registry

CDM




Forwarding to National Registry

CDM



CDM - Forwarding completion

 **Forward from Annex I Account to National Registry: Confirmed**
 Your unit transfer has been submitted. Please print this page for your records.

Transferring Account

Account Identifier: 1091
 Account Name: Temporary Holding Account for Government of Japan
 Representative: Suzuki, Ichiro
 Participant: Government of Japan
 Party: JP

Acquiring Account

Account Identifier: JP-119
 Account Name: Holding Account for Government of Japan
 Party: JP

Forward from Annex I Account to National Registry
 Forward from Non-Annex I Account to National Registry
 Expiry Date Change
 Interim Transactions
 Pending Rollbacks

Account Identifier: 1091
 Account Name: Temporary Holding Account for Government of Japan
 Representative: Suzuki, Ichiro
 Participant: Government of Japan
 Party: JP

Account Identifier: JP-119
 Account Name: Holding Account for Government of Japan
 Party: JP

Project ID	Originating Party	Unit Type	Serial Range	Unit #
ZA177	ZA	CER	1-5000	5000

Total Units Transferred: 5000

Date	Transaction Status
09/11/2006 16:56:43777	4 - Completed
09/11/2006 16:56:41 647	2 - Checked (No Discrepancy)
09/11/2006 16:56:33 447	1 - Proposed

Transaction Status History

Date	Transaction Status
09/11/2006 16:56:43777	4 - Completed
09/11/2006 16:56:41 647	2 - Checked (No Discrepancy)
09/11/2006 16:56:33 447	1 - Proposed



Transactions on CERs

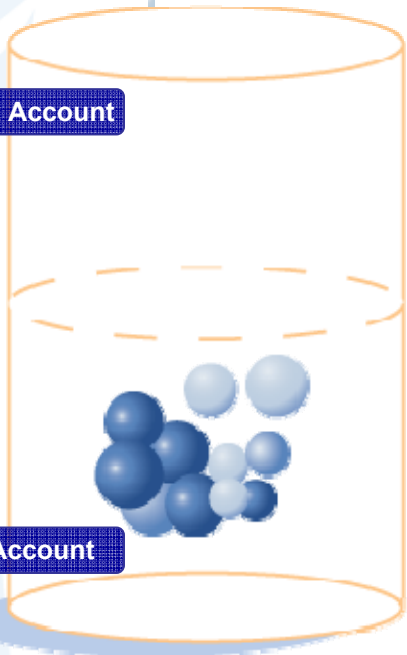
- *Issuance of CERs*
- *Forwarding to National Registry*

Retirement of CERs

Retirement of CERs



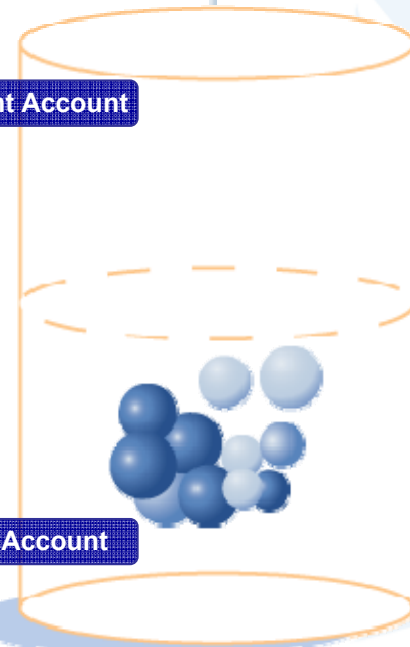
Retirement Account



Holding Account



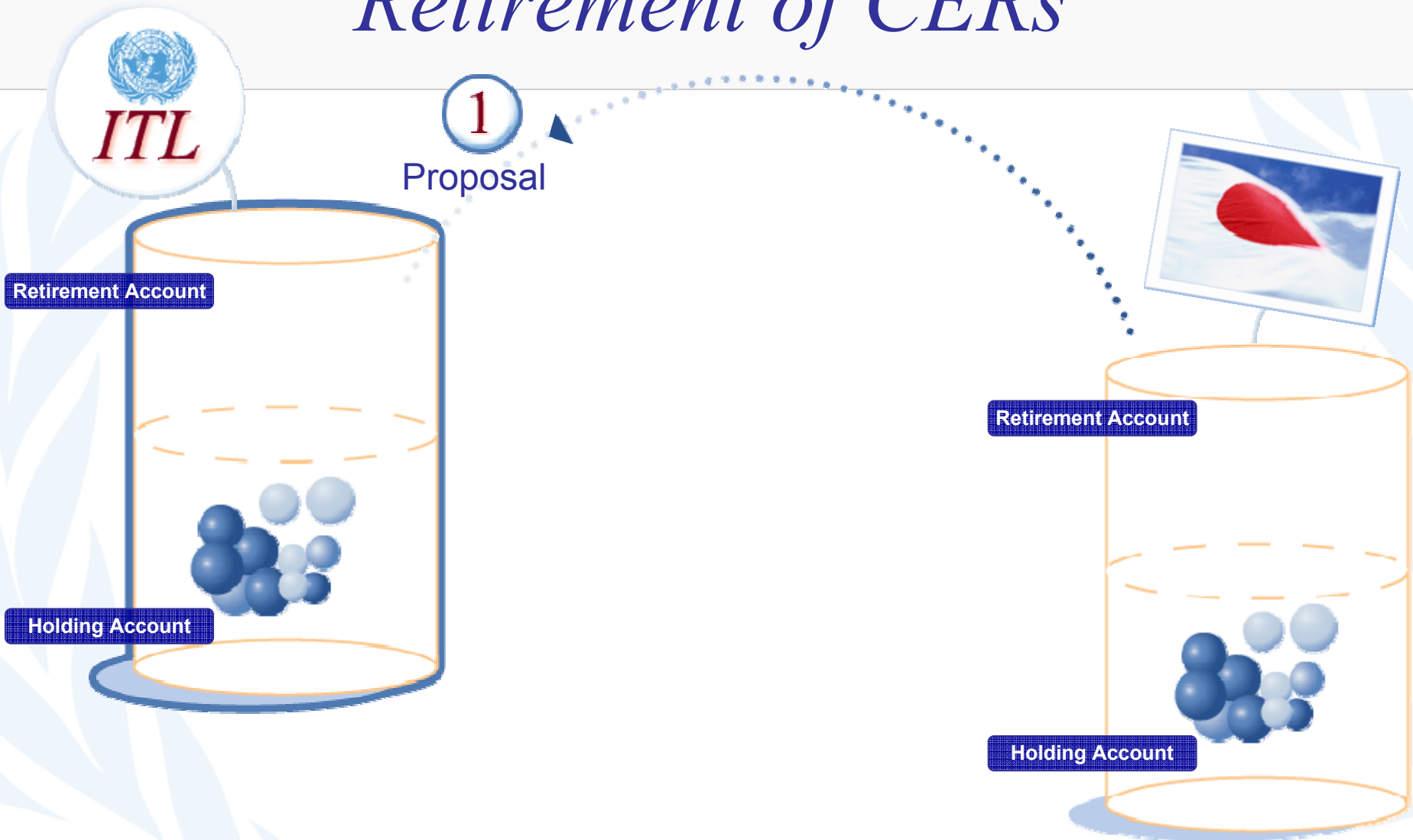
Retirement Account



Holding Account



Retirement of CERs



Japan - Retirement proposal

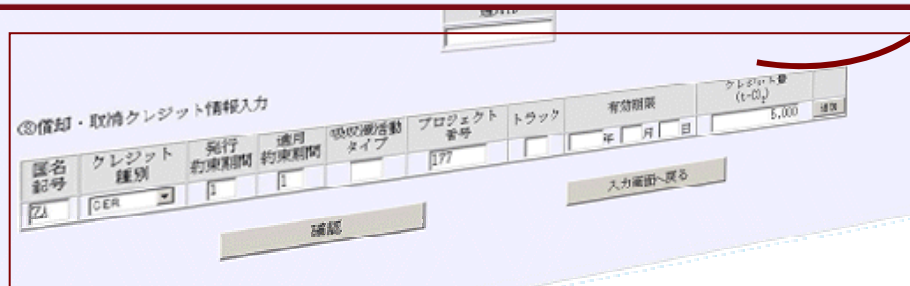


③償却・取消クレジット情報入力

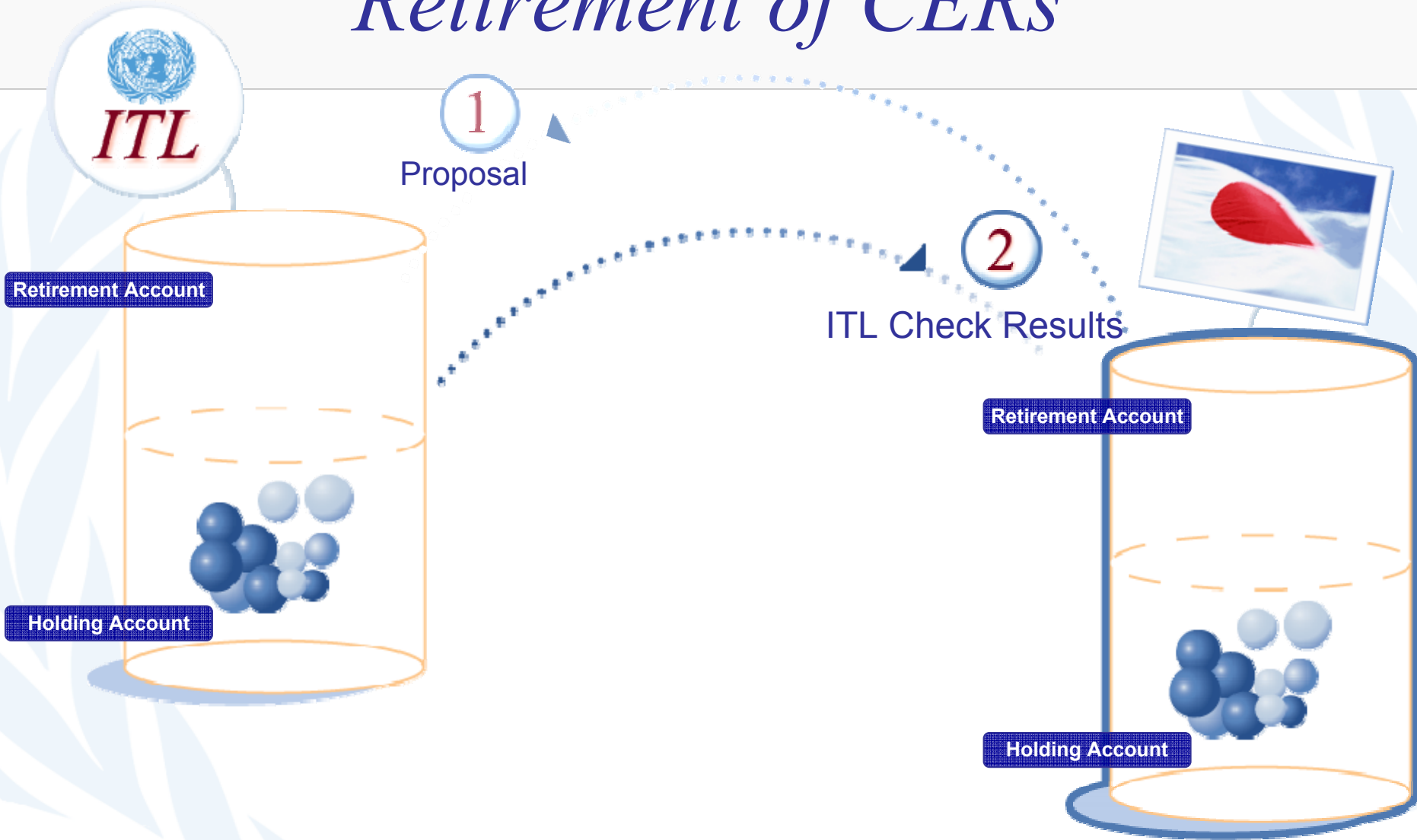
国名記号	クレジット種別	発行約束期間	適用約束期間	吸収源活動タイプ	プロジェクト番号	トラック	有効期限	クレジット量 (t-CO ₂)	
ZA	CER	1	1		177		年 月 日	5,000	追加

確認

入力画面へ戻る



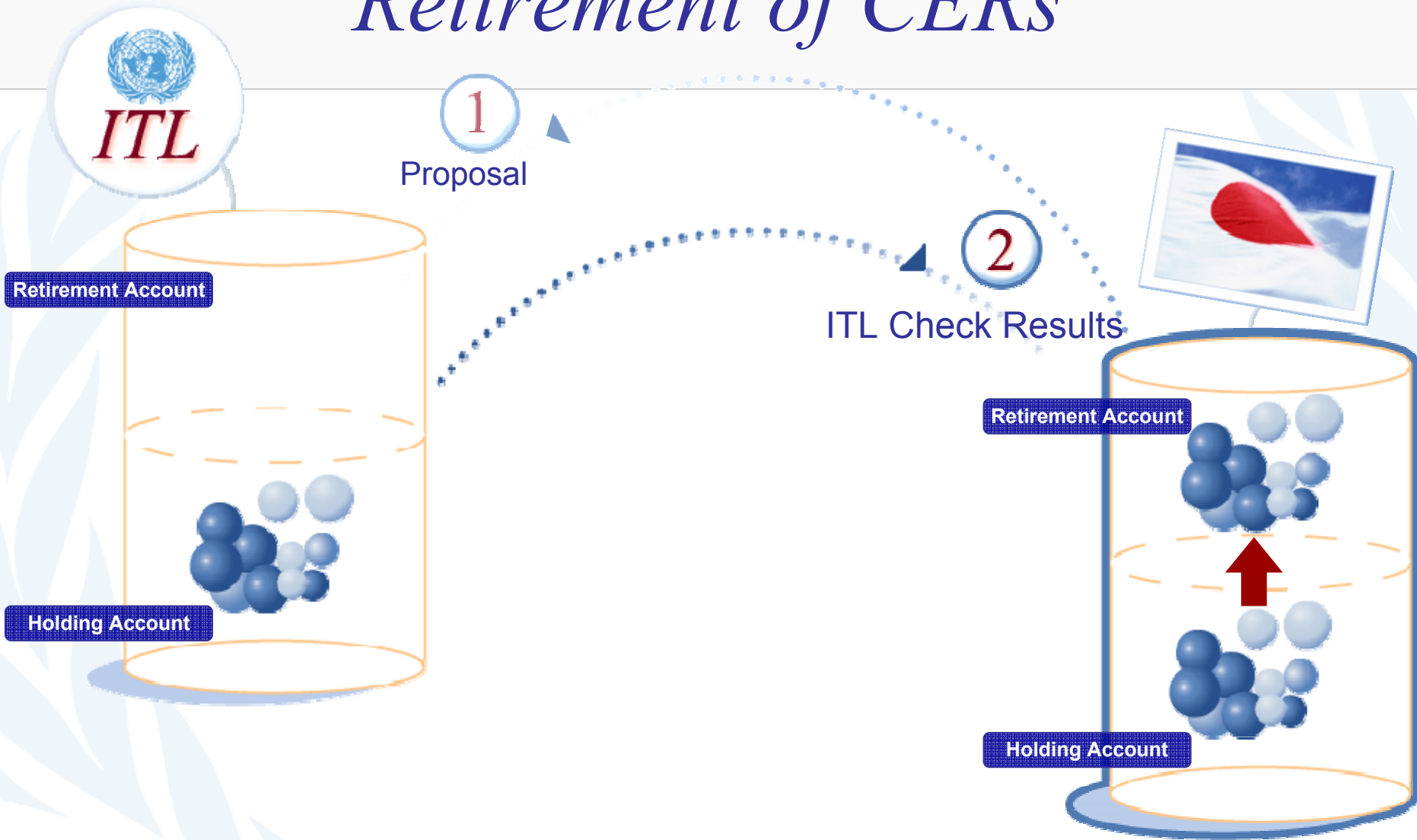
Retirement of CERs



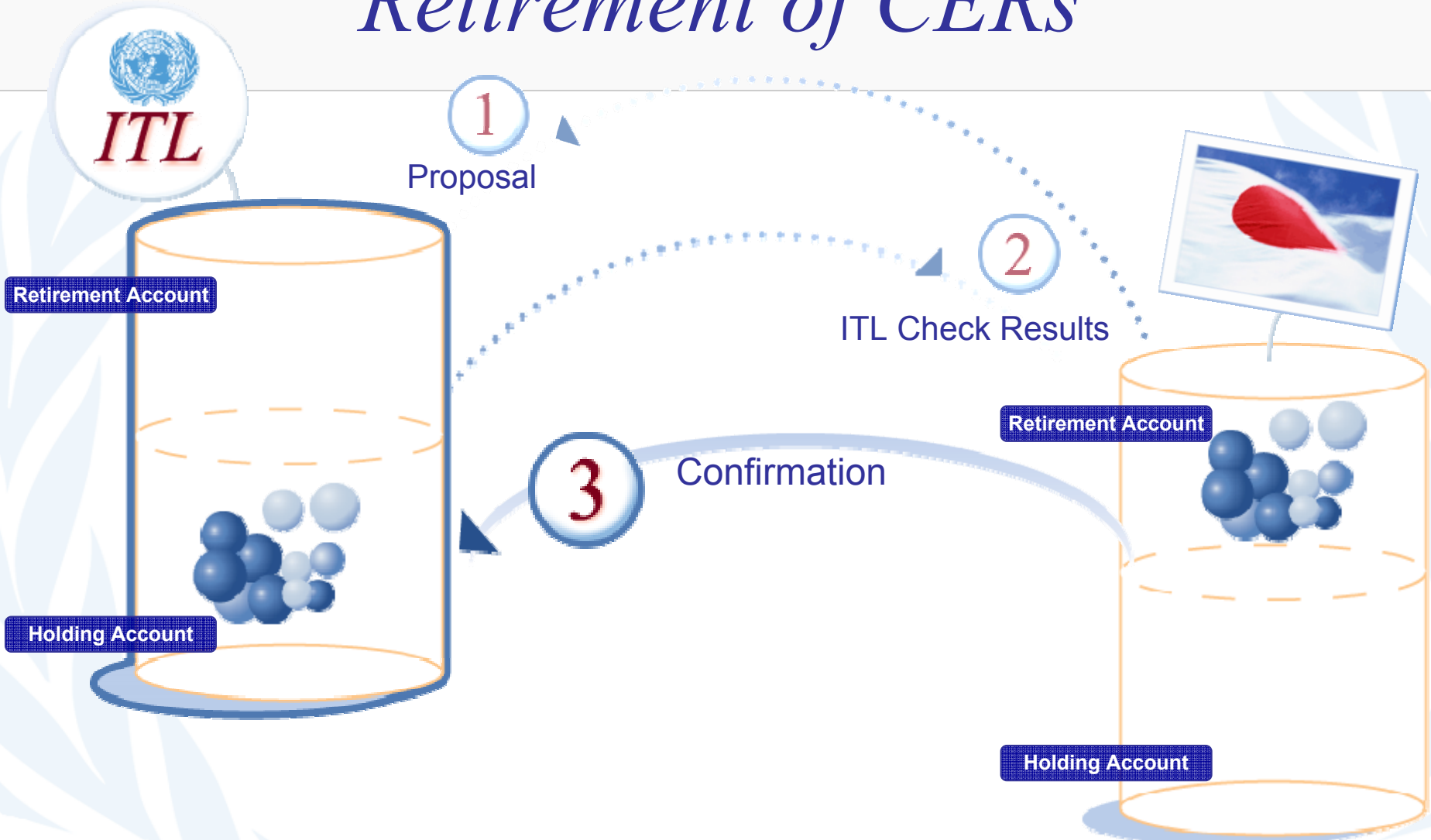
Retirement of CERs

DESCRIPTION	CODE	
The Initiating Registry retiring units must be a national registry.	5251	✓
The Acquiring Account for a retirement transaction must be a retirement account.	5252	✓
Account identifiers must be provided for acquiring accounts in retirement transactions.	5253	✓
The Unit Blocks retired must have the same Applicable Commitment Period as the Retirement Account.	5254	✓
The Party of the Initiating Registry must be determined to meet eligibility criteria 1 through 6.	5255	✓

Retirement of CERs



Retirement of CERs



Japan - Retirement completion

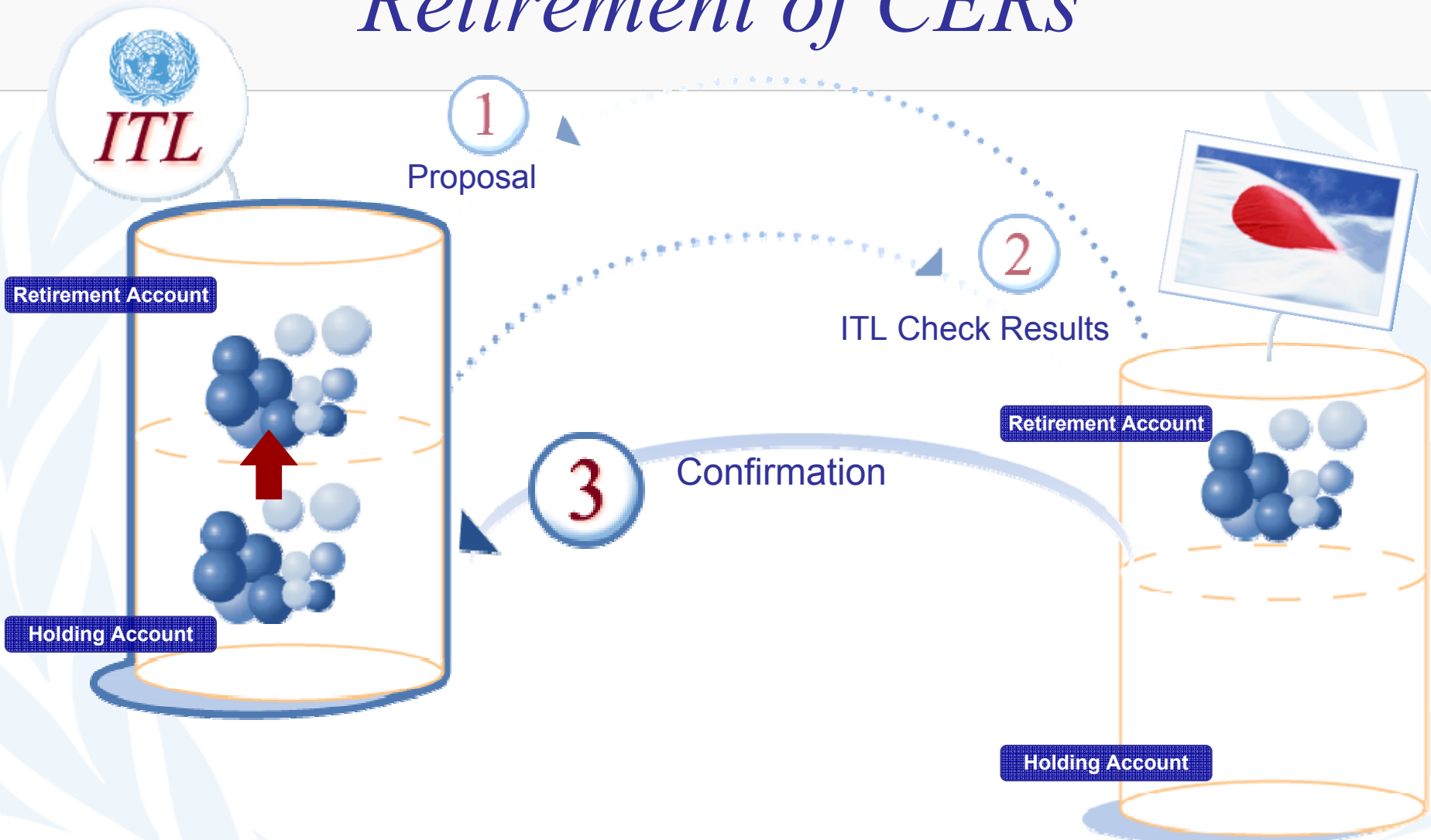
国別登録システム - Microsoft Internet Explorer

ファイル(F) 編集(E) 表示(V) お気に入り(A) ツール(T) ヘルプ(H)

クレジット取消/償却完了情報

申請日付	2008年11月10日	
申請番号	1-20081109-1	
トランザクション種別	償却	
登録日	2008年11月10日	
トランザクション番号	JP-121	
口座情報	償却・取消元	口座番号 JP-100-119 法人名 日本国政府
	償却・取消先	口座番号 JP-300-500 償却・取消先口座種別 償却口座
	通知ID	
	クレジット情報	1
クレジット種別 CER		
発行約束期間 1		
適用約束期間 1		
吸収源活動タイプ		
プロジェクト番号 177		
トラック		
有効期限		
クレジット量 (t-CO ₂) 5,000		
クレジットシリアル番号 ZA-1 ~ ZA-5000		

Retirement of CERs



ITL - Message log

Message Log Search Results

7 items found, displaying all items.1

Date	Zip File	Zip Entry	Transaction ID	Reconciliation ID	Web Service	Originating Country
2006/11/9 17:37:42	1162197582218.zip	7_1162197832187.xml	JP0000000001		acceptNotification	JP
2006/11/9 17:37:36	1162197582218.zip	6_1162197830750.xml	JP0000000001		acceptProposal	JP
2006/11/9 16:56:44	1162197582218.zip	5_1162197756546.xml	CDM000000002		acceptNotification	CDM
2006/11/9 16:56:39	1162197582218.zip	4_1162197756566.xml	CDM000000002		acceptNotification	JP
2006/11/9 16:56:34	1162197582218.zip	3_1162197753890.xml	CDM000000002		acceptProposal	CDM
2006/10/26 3:39:54	1162197582218.zip	2_1162197632250.xml	CDM000000001		acceptNotification	CDM
2006/10/26 3:39:48	1162197582218.zip	1_1162197582218.xml	CDM000000001		acceptProposal	CDM

List of Code Tables
Code Tables Mgt

7 items found, displaying all items.1

Date	Zip File	Zip Entry	Transaction ID	Reconciliation ID	Web Service	Originating Country
2006/11/9 17:37:42	1162197582218.zip	7_1162197832187.xml	JP0000000001		acceptNotification	JP
2006/11/9 17:37:36	1162197582218.zip	6_1162197830750.xml	JP0000000001		acceptProposal	JP
2006/11/9 16:56:44	1162197582218.zip	5_1162197756546.xml	CDM000000002		acceptNotification	CDM
2006/11/9 16:56:39	1162197582218.zip	4_1162197756566.xml	CDM000000002		acceptNotification	JP
2006/11/9 16:56:34	1162197582218.zip	3_1162197753890.xml	CDM000000002		acceptProposal	CDM
2006/10/26 3:39:54	1162197582218.zip	2_1162197632250.xml	CDM000000001		acceptNotification	CDM
2006/10/26 3:39:48	1162197582218.zip	1_1162197582218.xml	CDM000000001		acceptProposal	CDM

Export options: CSV Excel XML

The ITL in figures

- *Number of Kyoto Protocol units handled (*):*
64,000,000,000
- *Number of transactions processed (**):*
189,391
- *Number of Kyoto Protocol units transferred (***):*
28,000,000,000

(*) *As at 01 December 2009*

(**) *October 2008 – November 2009, all transactions included*

(***) *October 2008 – November 2009, transfer within and between national registries included*



... THANK YOU ...

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