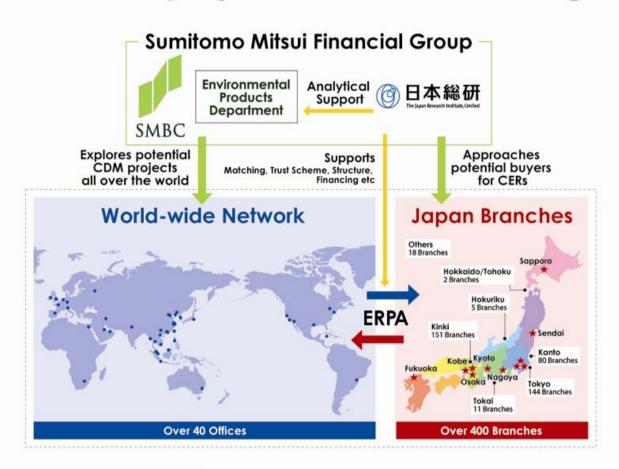
# SMBC Global Network & Organizations for CDM projects & Carbon Trading



Number of employees 42,996	
Total assets*	JPY 104,607 billion
Totalloans*	JPY 58,689 billion
Total deposits*	JPY 74,745 billion
Shareholders' equity*	JPY 5,412 billion
Long-term ratings	A1(Moody's), A(S&P), A-(Fitch)

**SMBC Brief History for Carbon Credits Business** 

2005/08 SMBC started carbon credits business(Brazil CDM Projects)

2006/08 Initiated business tie-up with Banco do Brasil for promoting carbon credits business

2006/12 Made 10 deals of CDM projecs for Japanese electric power company (about 1.5 million tons)

2007/02 Purcased carbon credits for its headquater's building

2007/06 Received FT Sustainable Banking Award as runner-up (Achievement in Carbon Finance)
(Japanese company was awarded for the first time)

2007/06 Exected carbon trading using trust fund scheme

2007/09 Purcased carbon credits generated from CDM projects for Carbon Offset Japan, which is carbon offset business driven mainly by Japanese citizens

2007/10 Launched Environmental Products Department that focuses on services regarging carbon trading



## **Main Services**



### **CDM Project Lifetime**

CDM Project Origination

**ERPA** 

**Project Implementation**  Carbon Credit **Transaction** 

**Risk Analysis** 

**Negotiation** Support

**Feasibility** Study

**Financial Administration** 

**Letter of Credit** 

Matching **Buyers/Sellers**  Technical Support

Cash Settlement

Consultation for subsidy from gov

Arrangement/Financial Advice/Support

Support for procedure (CDM registration etc)



SMFG SUMITOMO MITSUI







### **Major Track Records**

- •SMFG has analyzed the risk for CDM projects in Brazil and Indonesia.
- •SMFG has provided technical advice on landfill and swine manure treatmentprojects with local environmental consultants in Brazil.
- SMFG has received subsidies from Japanese government for CDM projectsin Brazil (Ministry of Environment etc).
- SMFG has arranged two sales arrangements by trust scheme
- •SMFG has provided credit enhancement in favor of sellers/buyers for thenumber of transactions in India, Brazil and China



# Matching



**@**Major Track Record

# **Trust Fund Scheme**



#### Transaction Processes (Example)

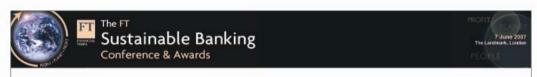
- BUYERS and SMBC identify SELLER from whom BUYERS will purchase CERs SMBC enters into ERPA with SELLER
- EACH BUYER and SMBC enter into trust agreement respectively
- BUYERS trust the funds to SMBC to purchase CERs from SELLER
- Upon receiving CERs from SELLER, SMBC pays the funds to SELLER

### Main Benefits for Sellers

- ✓ Can reach to buyers that require small amounts of CERs cost-effectively
- ✓ Minimizes transaction costs (communication costs etc)



# Major Track Records of Our Carbon Business



Achievement in Carbon Finance

- · Banco Sumitomo Mitsui Brasileiro, Brazil (CER transaction involving 10 CDM projects)
- · Carbon Capital Markets, UK (Private equity funds)
- · Climate Change Capital UK (C4F2 carbon fund)
- Innovest/JP Morgan, US-Canada-UK (JENI Carbon Beta bond index)
- · Raiffeisen Zentralbank, Austria (Nitrous oxide emission reduction project)

Banco Sumitomo Mitsui Brasileiro (BSMB), a SMBC's subsidiary in Brazil, was shortlisted and awarded as runner-up for "Achievement in Carbon Finance" by

"CER transaction involving 10 CDM projects",

one of the award categories of 
"the 2007 FT Sustainable Bankina Awards"

which was selected from 151 entries representing more than 100 banks in 51 countries

#### RUNNER-UP: Banco Sumitomo Mitsui Brasileiro

BANCO SUMITOMO MITSL



Banco Sumitomo Mitsui Brasileiro S.A. (BMSB), the subsidiary bank of Sumitomo Mitsui Bank Corporation in Brazil, carried out a pioneering certified emission reductions (CERs) transaction involving more than 10 small- to medium-scale Clean Development Mechanism (CDM) projects. The substantial transaction involved the transfer of around 1.5 million tonnes of CERs, derived from a broad range of CDM sources including small hydroelectric, bagasse cogeneration and methane avoidance projects, from Brazil to Japan. This is considered the first transaction of its nature, within the newly formed carbon market, as CERs generated from several diverse CDM projects were simultaneous negotiated for between two countries. The transaction introduced by BMSB presented an opportunity to Brazilian medium- and small-scale project developers to commercialise their CERs in conjunction with a major Japanese utilities company, Chugoku Electric Power Corporation (CEPC). BMSB fulfilled the important role of facilitator for this transaction, which would not have been feasible without the unique expertise and services offered by the financial institution. In assisting the project buyer, BMSB compiled a portfolio of more than 10 suitable small and medium-scale CDM projects and provided other assistance required under the Kyoto Protocol for the buyer.

Comments from the judges:

"Stimulating the market in the region, giving SMEs access to the market, a key demonstration effect, proving Brazil as a reliable source of CERs."

Source: Website of the PT Sustainable Banking, Conference & Awards (http://www.ftconferences.com/sustainablebanking/home.asp)



# **SMBC's Global Presence**

#### √Global Advisor of the Year 2006

SMBC was shortlisted as "Global Advisor of the Year" and Year awarded as "Global Advisor of the Year 2006"

### √ Latin American Deal of the Year 2006

"Revap" project (Petrobras related transaction), arranged bySMBC, was awarded as "Latin American Deal of the Year 2006"

### Global Adviserof the Year

SMBC was a clear winner this year for work conducted from both its active Singapore and London offices. The bank topped the advisory mandates closed list for 2006 in the recent PFI league tables with its work on some globally significant financings.

The bank advised on and closed two of the major Gulf deals last year – Rabigh and Nakilat LNG. Rabigh was Amarco's first project financing. Not surprisingly, all parties involved faced a steep learning curve to get the deal over the line. But the deal that was signed was very attractive for the client and set a template for Amarco's next two mega financings.

Nakilat LNG was the largest LNG ship portfolio financing. The deal had a mix of commercial bank, bond and Kexim tranches that were handled smoothly. Again, the financing obtained was attractive and the pooling of LNG ship risks into one financing was an important step forward.

In Asia, the bank is at the forefront of the advisory mandate. At year end its bidder, Marubeni/Tokyo Electric, won the landmark Mirant US\$3.4bn power portfolio sale in the Philippines with a very competitive bid and very competitive financing. In Thailand, it advised on the award winning Ratchaburi Power deal and in Singapore. the Universal Terminal deal. In Indonesia, it was involved in the long-running Tangguh LNG financing, which was



Global Adviser of the Year 2006 SMBC

Asian Adviser of the Year 2006 SMBC

### SMBC was also shortlisted by Thomson PFI for both

"Global Bank of the Year 2005" and "Global Advisor of the Year 2005"

funded late last year.

Not surprisingly, the bank
was also active in its home
market. It advised on deals
such as Haneda airport,
Hachiryu wind power and

Amagasaki Sports centre PFI.

#### Financial Advisor of Global Project Finance Deals Year 2006 Mandated Lead Arrange Volume US\$ m Pos. 1. SMBC 13.159 HSBC 12.956 2. Credit Suisse 9.342 Macquarie Bank 8.549 Price Waterhouse Coopers 8,106 5. 6.609 ABN Amro Mitsubishi UFJ Financial Group 5.086 Societe Generale 5,074 8. BNP Paribas 3,769 Saudi Hollandi Bank 3,750

Pos.	Arranger	Volume US\$m
1.	Calyon	5,813
2.	RBS	5,558
3.	Mizuho	5,399
4.	BNP Paribas	4,868
5.	Mitsubishi UFJ Financial Group	4,650
6	Credit Suisse	4,356
7.	Societe Generale	3,650
8.	Goldman Sachs	3,588
9.	SMBC	3,541
10.	WestLB	3,516



**Project Finance-Global Rankings** 

