

THE ITTO STATISTICAL SYSTEM: FROM THE JFSQ TO THE ANNUAL REVIEW



Haikou, 1-3 April 2013



ITTO IN BRIEF

1. ITTO is an intergovernmental organization based in Japan promoting the conservation and sustainable management, use and trade of tropical forest resources.
2. Its members represent about 80% of the world's tropical forests and 90% of the global tropical timber trade. There are currently 65 members + European Union.
3. 2 categories of members: 28 producers and 38 consumers.



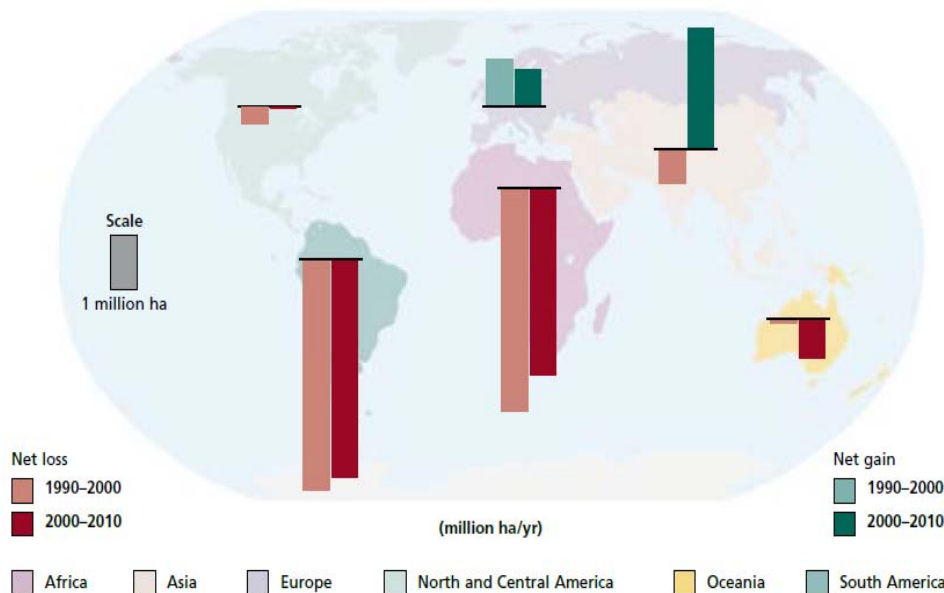
ITTO IN BRIEF CONT'D

1. Since it became operational in 1987, ITTO has funded more than 750 projects, pre –projects and activities valued at more than US\$300 million. The major donors are the governments of Japan, Switzerland and the United States.
2. ITTO defines sustainable forest management (sometimes abbreviated to SFM) as:
“forest-related activities should not damage the forest to the extent that its capacity to deliver products and services - such as timber, water and biodiversity conservation - is significantly reduced. Forest management should also aim to balance the needs of different forest users so that its benefits and costs are shared equitably.”



WHY THERE IS A NEED FOR SFM

FIGURE 4
Annual change in forest area by region, 1990–2010



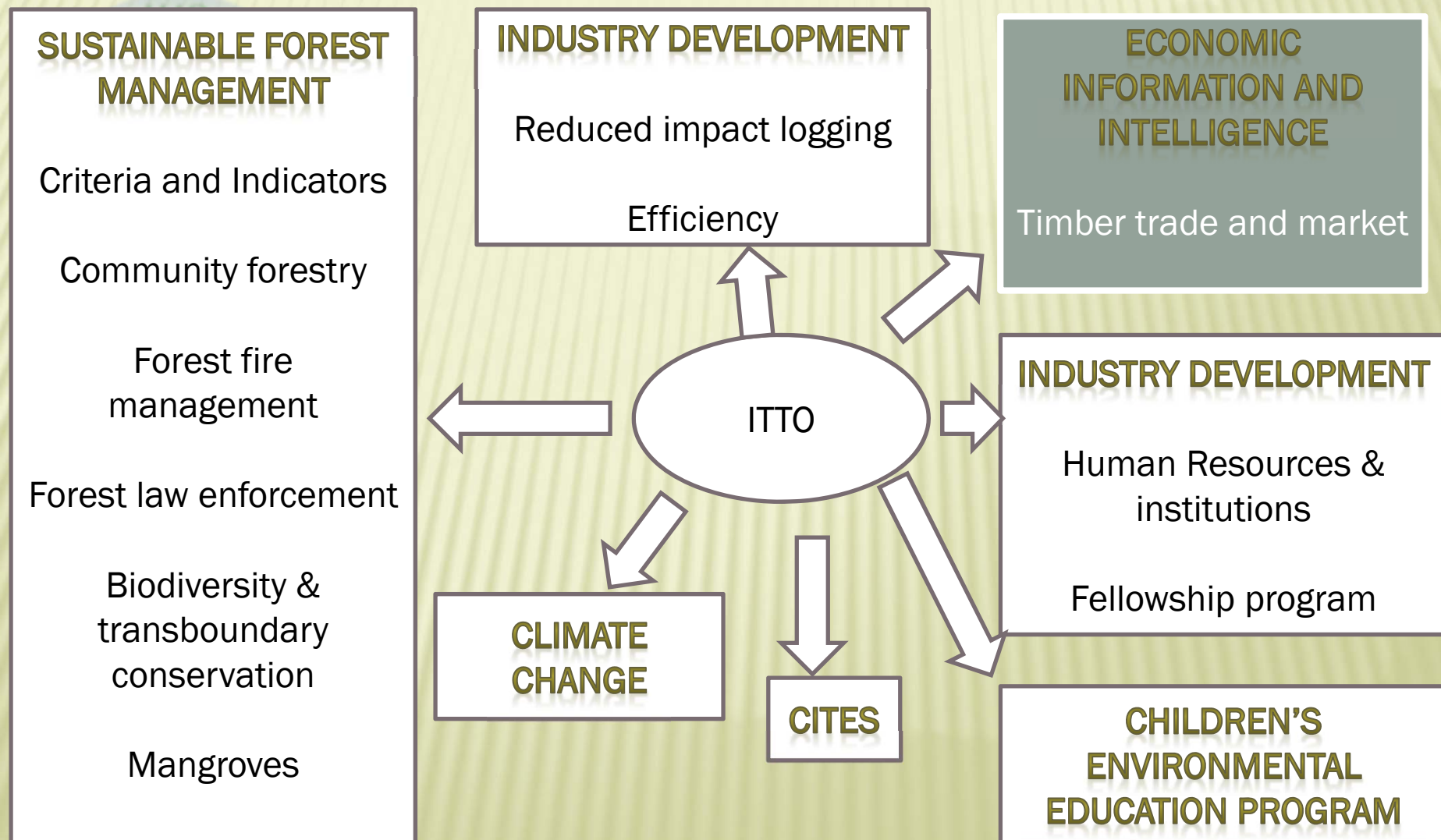
Forest Resources
Assessment 2010 (FAO)

At a regional level, South America suffered the largest net loss of forests between 2000 and 2010 – about 4.0 million hectares per year – followed by Africa, which lost 3.4 million hectares annually.

The strong increase in Asia is partly due to the huge plantation area in China which reached a pace of 4 million ha per year between 1980 and 2010.



ITTO IN BRIEF CONT'D





IMPORTANCE OF STATISTICS

1. Statistics are a key factor for implementing projects. The importance of trade of tropical products in a member country will definitely influence the types of projects implemented in this country.
2. Recognizing tropical wood is also essential. ITTO and FAO are working together to propose a tropical species list to the Harmonized System at the World Custom.
3. Providing reliable statistics help policymakers to take the right decisions on SFM.



IMPORTANCE OF STATISTICS CONT'D

1. International Tropical Timber Agreement (ITTA 2006) article 1: “improving market intelligence and encouraging information sharing on the international timber market (...) ensuring the gathering, compilation and dissemination of trade related data.”
2. Article 28: “publication of biennial review information supplied by members in relation to production, trade supply, stocks, consumption and prices of timber”



IMPORTANCE OF STATISTICS CONT'D

1. **Tropical Timber** means tropical wood for industrial uses which grows or is produced in the countries situated between the Tropic of Cancer and the Tropic of Capricorn. **The term** cover logs, sawnwod, veneer sheets and plywood
2. **The financial contribution of a country** will partly depend on its imports or exports of tropical timber (according to the country classification as a producer or consumer).



ITTO STATISTICAL PROJECTS

1. ITTO has co-financed several market analyses on China demand and consumption of tropical wood through projects.
2. PD480/07 Rev.2 (M): DEMAND AND SUPPLY OF TROPICAL WOOD PRODUCTS IN CHINA TOWARDS 2020 (completed in 2012)
3. Total Budget: US\$ 410,988
Government of Switzerland: US\$ 165,000, Government of China: US\$ 147,468, Government of U.S.A.: US\$ 98,520,
Implementing Agency: the institute of Forestry Policy and Information Chinese Academy of Forestry
4. Research report – Outlook on demand and supply situation of tropical wood products in China in 2020



ITTO STATISTICAL ANALYSIS

1. Collection of data (e.g. Joint Forest Sector Questionnaire).
2. Processing, filtering and compilation (e.g. ITTO Statistical database).
3. Analysis and publication (e.g. *The Annual Review*)



THE JOINT FOREST SECTOR QUESTIONNAIRE

1. Primary source of information.
2. Questionnaire developed/reviewed/ sent by 4 Organizations (“joint”) to their members.



EUROSTAT (EU countries)



ITTO (Tropical countries and Japan)



UNECE (Other Europe, CIS, North America)



FAO (Rest of the world)



THE JFSQ (CONT'D)

1. The JFSQ is an Excel file divided in several parts:
 - JQ1 – Removals and Production
 - JQ2 – Trade
 - JQ3 – Trade of Secondary Products
 - DOT1/2 – Trade Flow by Country
 - EU/ECE – Species Trade (temperate)
 - ITT01 – Estimates for current year
 - ITT02 – Species Trade (tropical)
 - ITT03 – Factors affecting tropical
 - EU1 – Trade outside EU
 - EU2 – Removals by ownership
2. Partner organizations might have specific parts (“ITT01”)
3. The questionnaire is revised once a year during the Intersecretariat Working Group (IWG).
4. The consistency of the definitions of the forest products with HS codes are checked during the IWG.



THE JFSQ (CONT'D)



JQ1

FOREST SECTOR QUESTIONNAIRE

Removals and Production

Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	
Fax:	
E-mail:	

Product Code	Product	Unit	2010 Quantity	2011 Quantity
ROUNDWOOD REMOVALS				
1	ROUNDWOOD	1000 m ³ ub		
1.C	Coniferous	1000 m ³ ub		
1.NC	Non-Coniferous	1000 m ³ ub		
1.1	WOOD FUEL, INCLUDING WOOD FOR CHARCOAL	1000 m ³ ub		
1.1.C	Coniferous	1000 m ³ ub		
1.1.NC	Non-Coniferous	1000 m ³ ub		
1.2	INDUSTRIAL ROUNDWOOD (WOOD IN THE ROUGH)	1000 m ³ ub		
1.2.C	Coniferous	1000 m ³ ub		
1.2.NC	Non-Coniferous	1000 m ³ ub		
1.2.1	SAWLOGS AND VENEER LOGS	1000 m ³ ub		
1.2.1.C	Coniferous	1000 m ³ ub		
1.2.1.NC	Non-Coniferous	1000 m ³ ub		
1.2.2	PULPWOOD (ROUND & SPLIT)	1000 m ³ ub		
1.2.2.C	Coniferous	1000 m ³ ub		
1.2.2.NC	Non-Coniferous	1000 m ³ ub		
1.2.3	OTHER INDUSTRIAL ROUNDWOOD	1000 m ³ ub		
1.2.3.C	Coniferous	1000 m ³ ub		
1.2.3.NC	Non-Coniferous	1000 m ³ ub		
PRODUCTION				

JQ1-Production

JQ2-Trade

JQ3-Trade

DOT1-IMPORT

DOT2-EXPORT

ITTO1-Estimates

ITTO2-Species



STATISTICAL CHECKS

1. Negative consumption ($DC = P + I - X$)
2. Roundwood availability (The volume of logs available should be greater than or equal to the volume required for primary production). We use the following factor for roundwood availability check:
Sawnwood 1.82; veneer 1.90; plywood 2.3
the use of general conversion factors may lead to inconsistencies, but their use is justified by the lack of better information
3. Unit values reasonable
4. Common sense (are the figures realistic?)
5. Consistent with the other partner organizations databases (if not then we notify the other organizations).

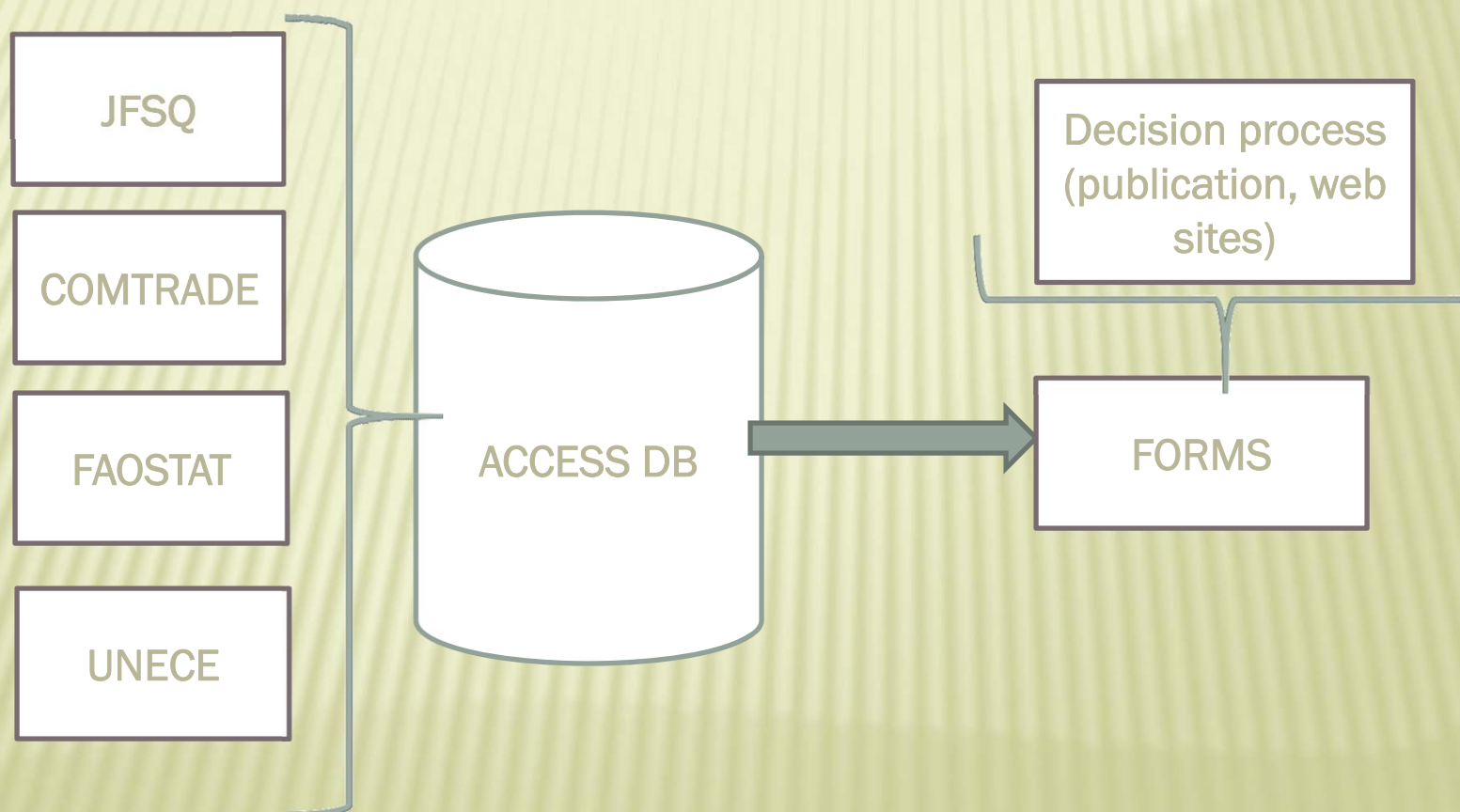


COMPLEMENTARY SOURCES OF INFORMATION

1. COMTRADE. The UN COMTRADE database contains more than 1.75 billion trade records starting from 1962. The latest version of the Harmonized system are implemented. The use of COMTRADE allows the calculation of mirror statistics ("what other countries are saying they import from/export to a specific country").
2. ITTO Project reports, ITTO regional coordinators.
3. The ITTO Tropical Timber Market (TTM) Report, an output of the ITTO Market Information Service (MIS), is published in English every two weeks with the aim of improving transparency in the international tropical timber market. The TTM provides market trends and trade news from around the world, as well as indicative prices for over 400 tropical timber and added-value products.
4. Partner organizations databases (FAOSTAT, UNECE, EUROSTAT).
5. Specific reports from other international organizations or agencies (USDA)
6. Specific publications (Maskayu, produced by the Malaysian timber industry board)
7. Specific websites (www.observatoire-comifac.net)



COMPILATION OF DATA





FORMS

China Production of sawnwood

ITTO Country		China		Codes	5	AR Year	2012	FILL
	2007	2008	2009	2010	2011	2012		
ITTO Publication	28,776 F	28,885 F	32,733 F	37,635 F	44,602	44,602 X		
	0%	13%	15%	19%	0%			
China 5								
			JQ 2012	37,226	44,603			
		JQ 2011	32,298	37,226				
	JQ 2010	28,410	32,298					
FAO	28,727	28,835	32,733	37,635	45,035			



FORMS (CONT'D)

China export of veneer

ITTO Country	China	Codes	6.1	AR Year	2012	FLOW:	EXP	FIL
ITTO Publication	2007	2008	2009	2010	2011	2012		
	179 I	168 I	160 CB	197 CB	268 I	207 CI		
		-6%	-5%	23%	36%	-23%		
UNIT VALUE	1,289 I	1,598 I	1,659 CB	1,749 CB	1,099 I	913 CI		
China 6.1 EXP								
			JQ 2012	158	247			
			JQ UNIT VALUE	1,335	1,108			
COMTRADE	152	146	114	158	246	0		
COMTRADE UNIT VALUE	1,313	1,672	1,514	1,337	1,111	0		
BACKWARD COMTRADE	196	196	160	197	255	0		
BACKWARD COMTRADE UNIT VALUE	1,684	1,852	1,659	1,749	1,506	0		
FAO	169	157	121	164	253			
FAO UNIT VALUE	1,440	1,747	1,572	1,379	1,135			



ANNUAL REVIEW, DISSEMINATION OF DATA

5 year analysis

In the Annual Review 2012, the data of 78 countries will be presented.

There will be estimates for the year 2012.

It will published in June 2013.

Data can be found in the online ITTO statistics database.



Annual review
and assessment
of the world
timber situation



2011



INTERNATIONAL TROPICAL
TIMBER ORGANIZATION



TROPICAL ROUNDWOOD PRODUCTION



Production of tropical roundwood in Yunnan, Guangxi, Guangdong and Hainan is estimated between 4.3 million m³ (USDA 2007), 7 million m³ (ITTO project) and 10 million m³ (ITTO).

The estimates of tropical roundwood will depend on the proportion of tropical sheets in the tropical plywood production



THANK YOU FOR YOUR ATTENTION



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