UNECE Timber Committee Market Discussions

"China's Influence on forest products markets in the UNECE region"

FOREST CERTIFICATION AND CERTIFIED FOREST PRODUCTS

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Geneva, 3-4 October 2006



OUTLINE

- Setting the stage
- Certified forest area
- Certified forest products
- Outlook on China and Asia
- Conclusions



INFORMATION BACKGROUND

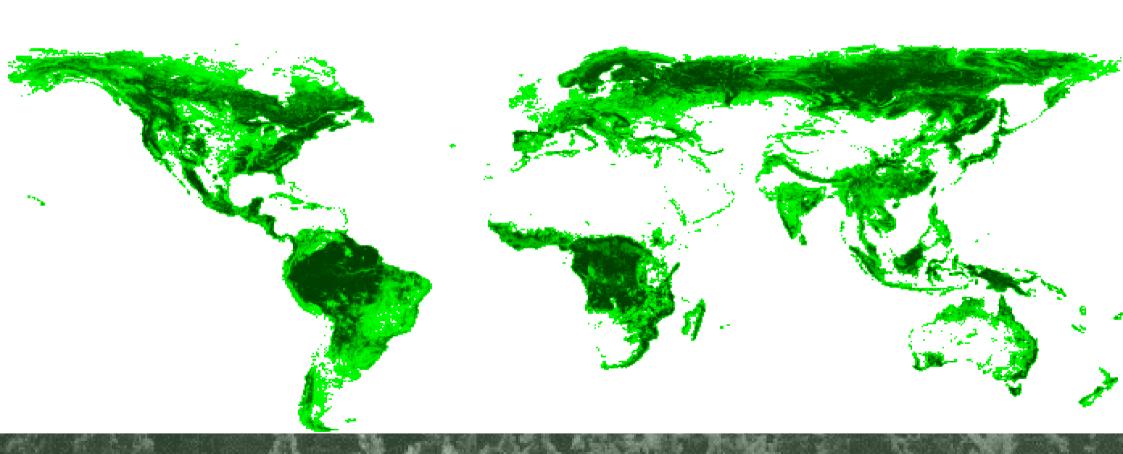
No official statistics for trade in CFPs

"CFPs do not feature in the Harmonized Commodity Description and Coding System HS"

- Analysis and data based on other resources (Ch.10, FPAMR, 2005-2006)
 - surveys (UNECE Timber Committee/country correspondents on certification FAO EFC UNECE)
 - key producers
 - retailers
 - GFTN
 - Auditing bodies
 - CERTIFICATION SYSTEMS



GLOBAL FOREST MAP



At a first glance...

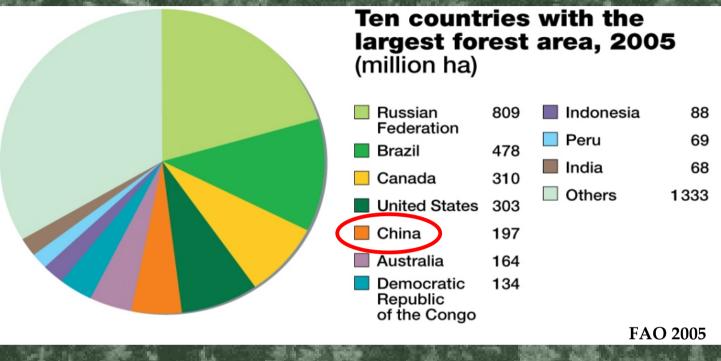


• THE RESOURCES

Forests cover 30%
Of total land area
Total forest area
=4 billion hectares
= 0.62 ha/capita



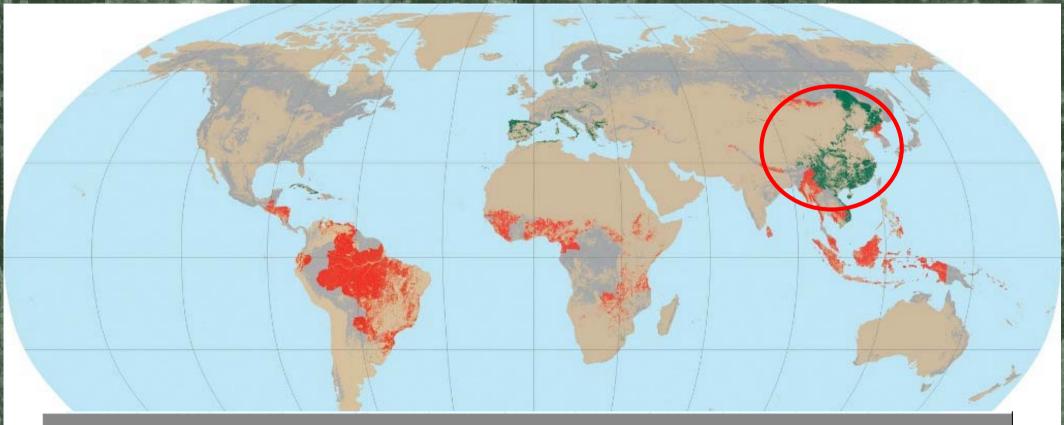
64 countries



- ■10.1 ha/capita 10.most forest-rich countries account for two-thirds of the total forest area.
- 7 countries or territories have no forest at all
- •57 have less than 10 percent of their total land area.

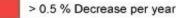


THE RESOURCES



Deforestation in the south, while forests increase in the north.

Deforestation = 13_million hectares per year



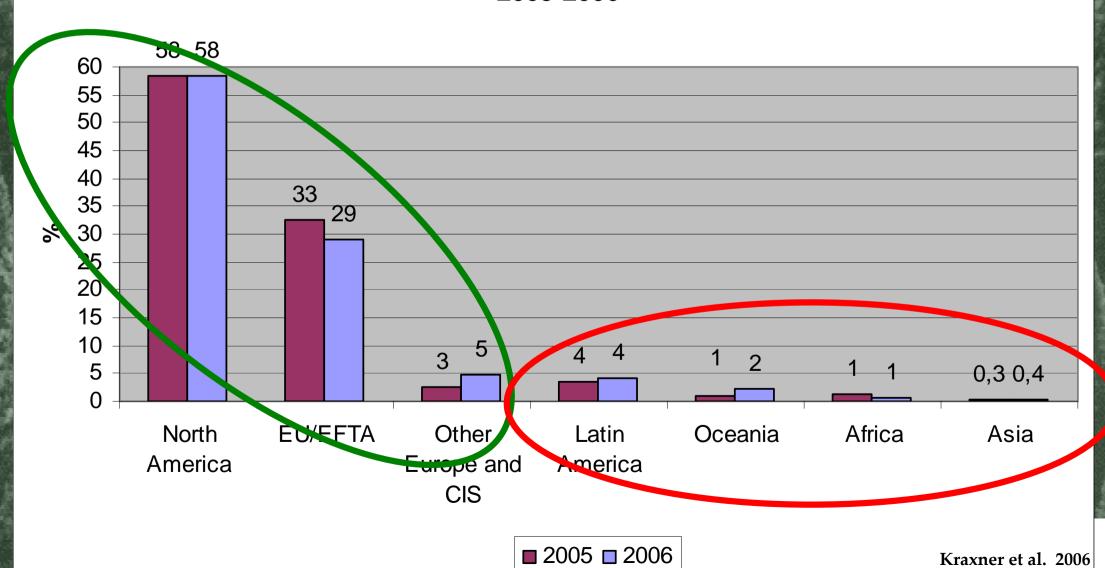
> 0.5 % Increase per year

Change rate below 0.5 % per year

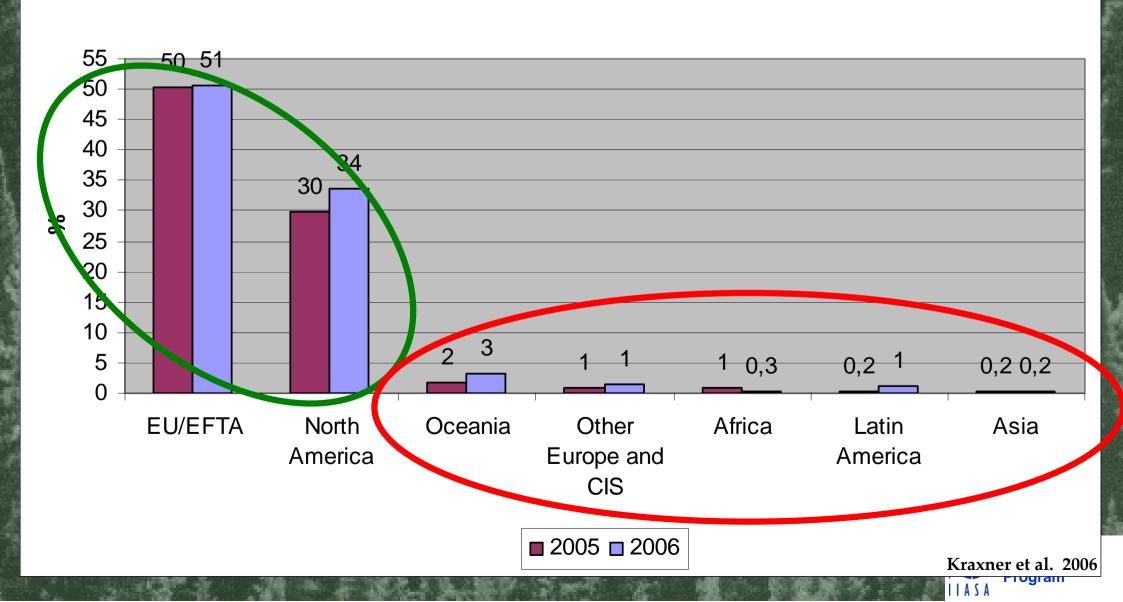
FAO 2005



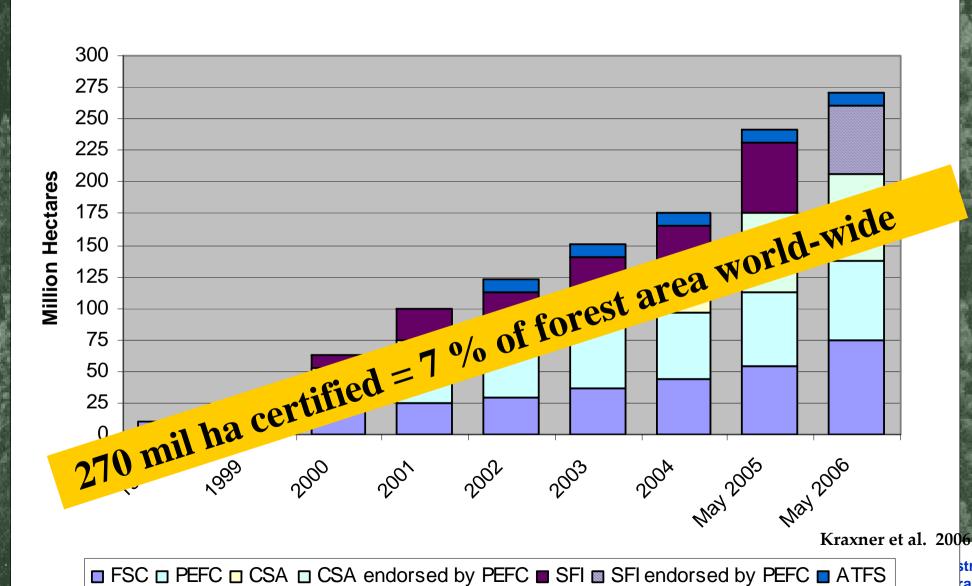
Geographical Distribution of Total Certified Forest Area 2005-2006



Certified Forest as a Percentage of Total Forest Area, by Regions, 2005-2006



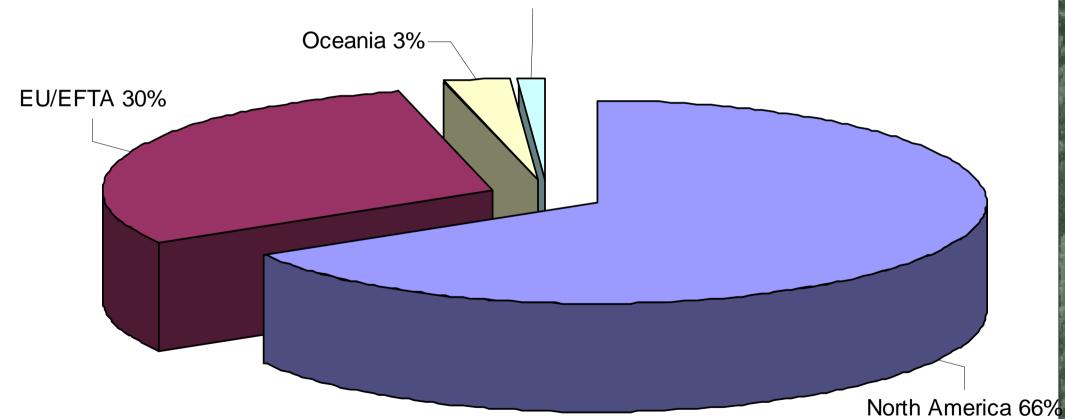
Forest Area Certified by Major Third Party Certification Schemes, 1998-2006



CERTIFIED FOREST AREA, PEFC

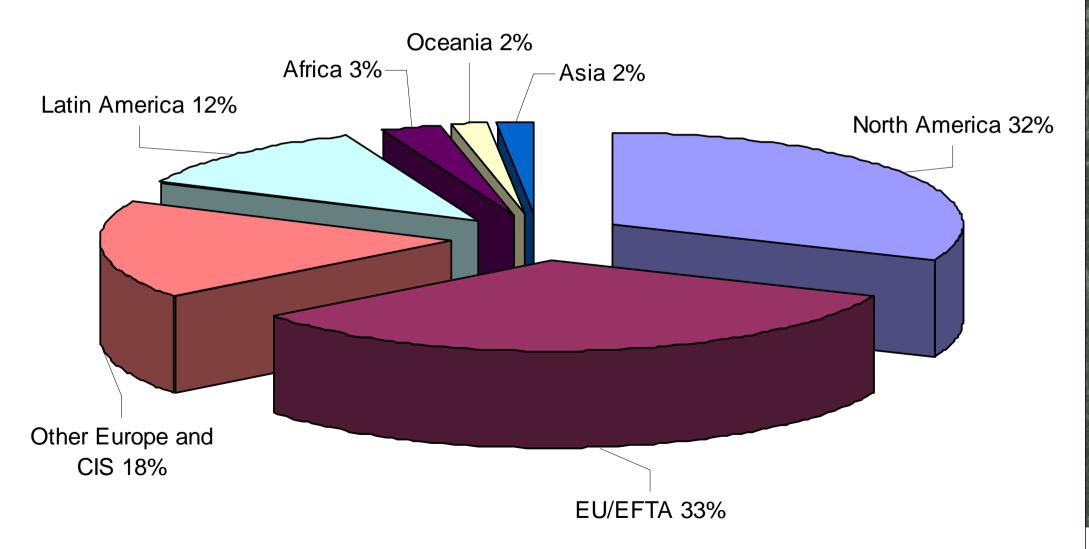
Regional Distribution of Certified Forest Area by *PEFC* (and PEFC - Endorsed Systems), 2006



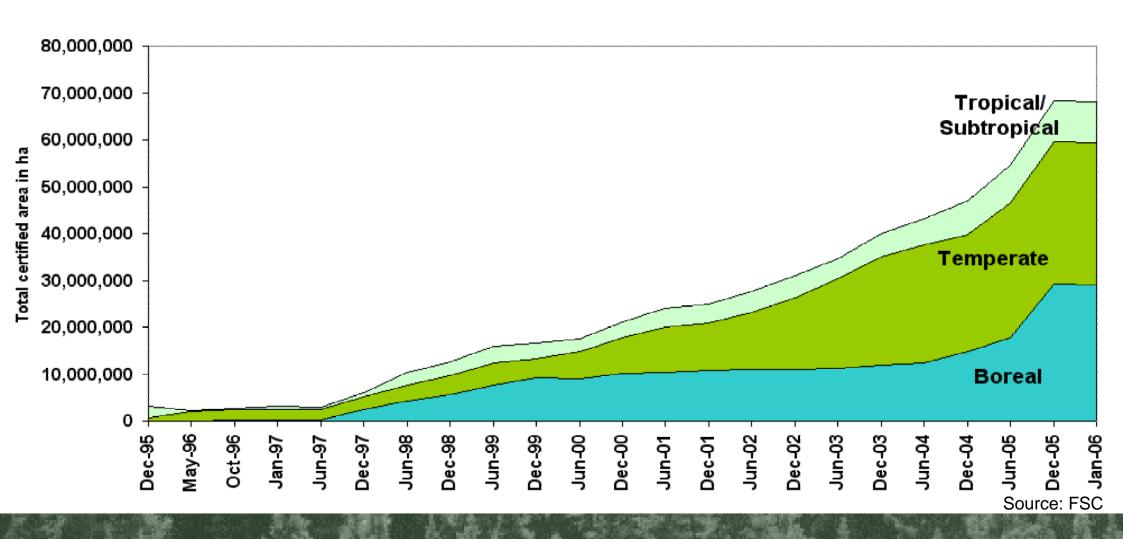


CERTIFIED FOREST AREA, FSC

Regional Distribution of Certified Forest Area by FSC, 2006

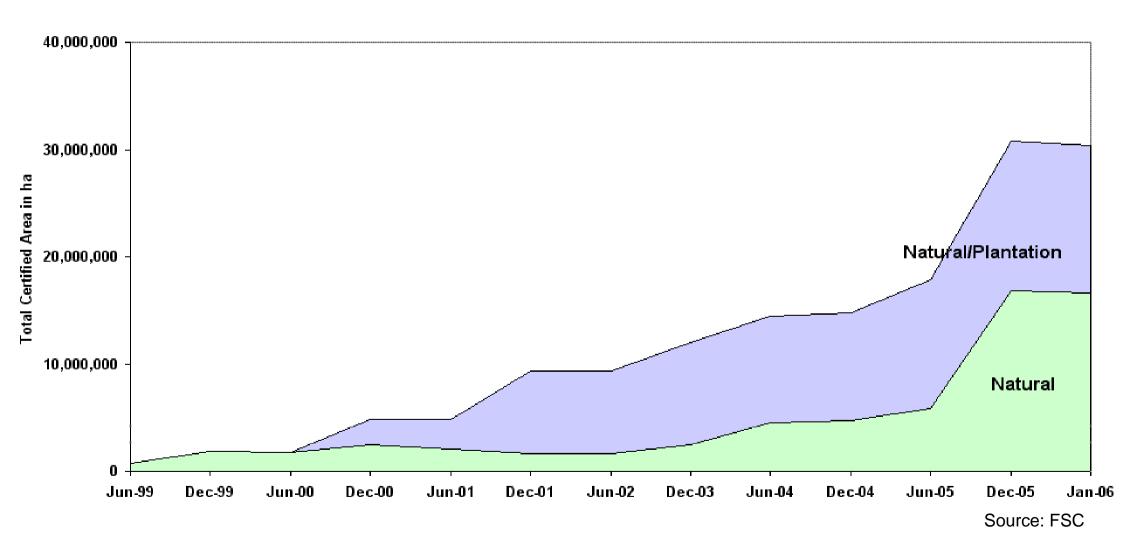


Rate of Increase of FSC Endorsed Forest Over Time (Dec '95 - Jan '06)





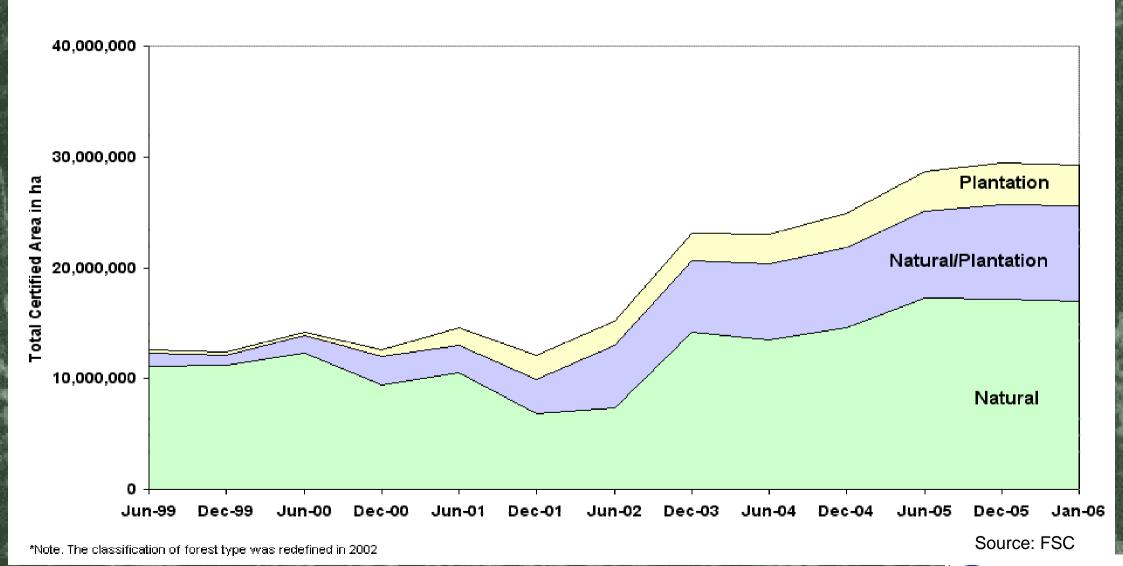
Rate of Increase of FSC Endorsed Boreal Forest over Time (Jun '99 - Jan '06)



*Note. The classification of forest type was redefined in 2002

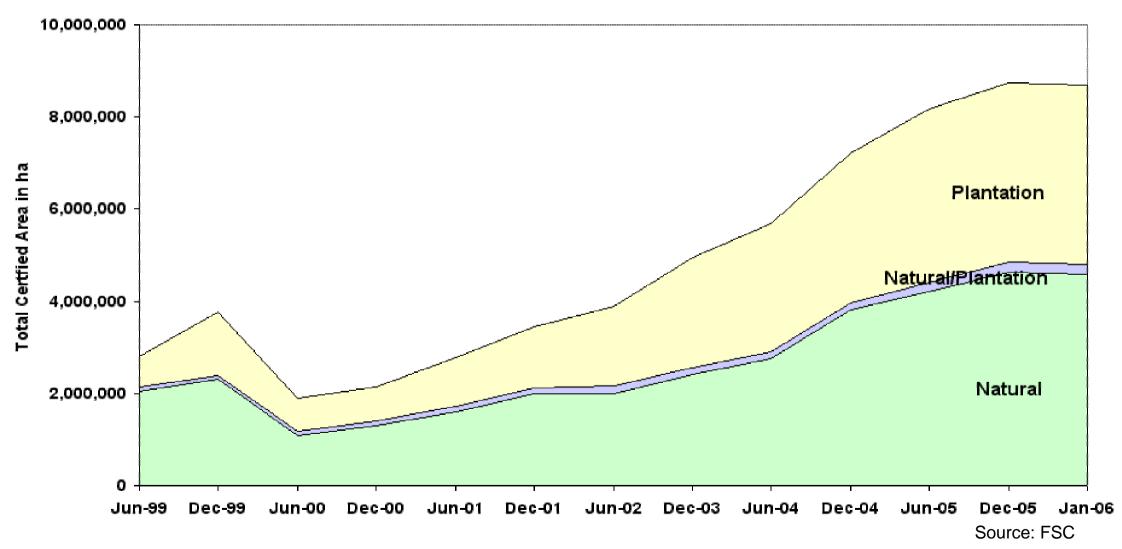


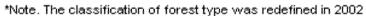
Rate of Increase of FSC Endorsed Temperate Forests over Time Jun '99 - Jan '06



Forestry **Program**

Rate of Increase of FSC Endorsed Tropical Forest over Time Jun '99 - Jan '06

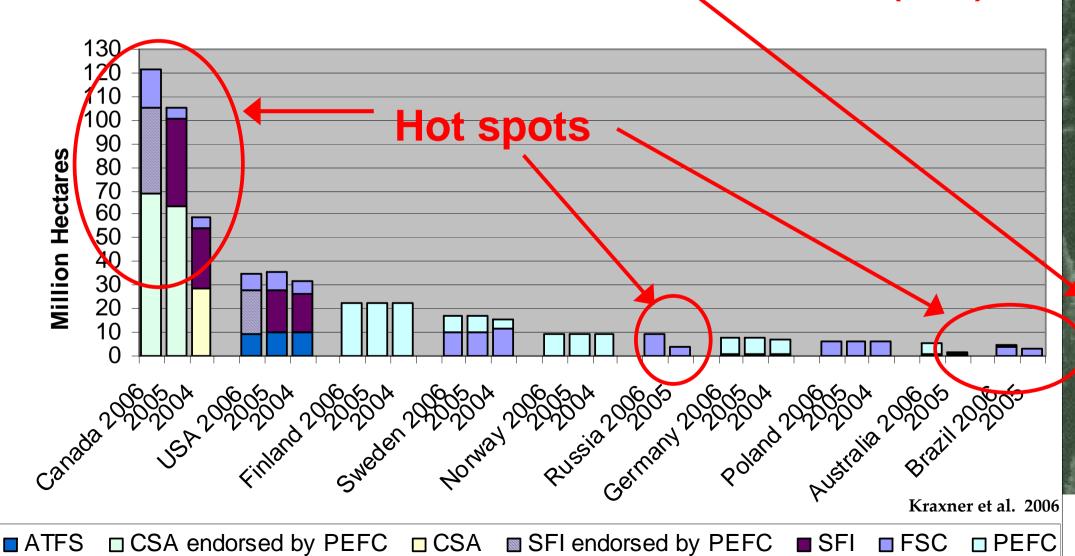






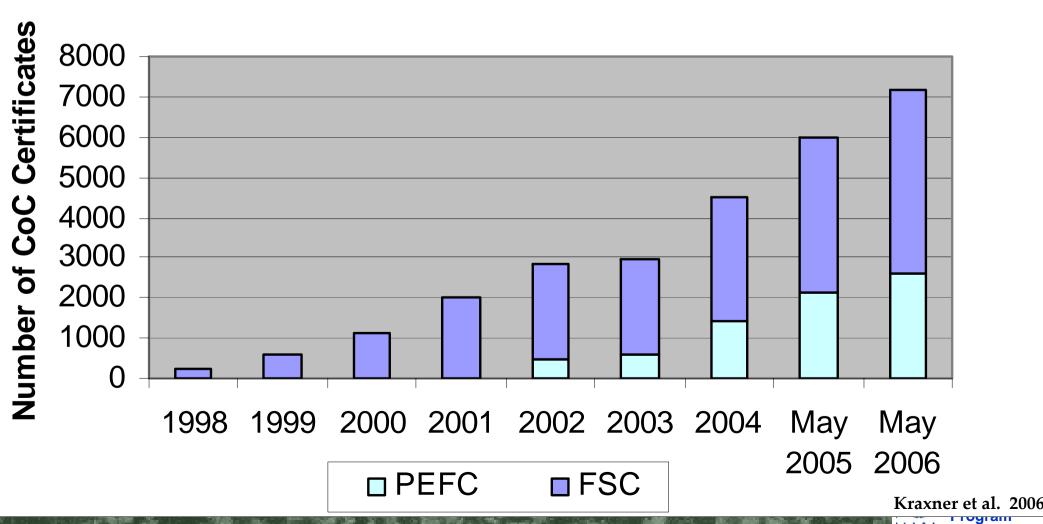


China: 440.000 ha (FSC)



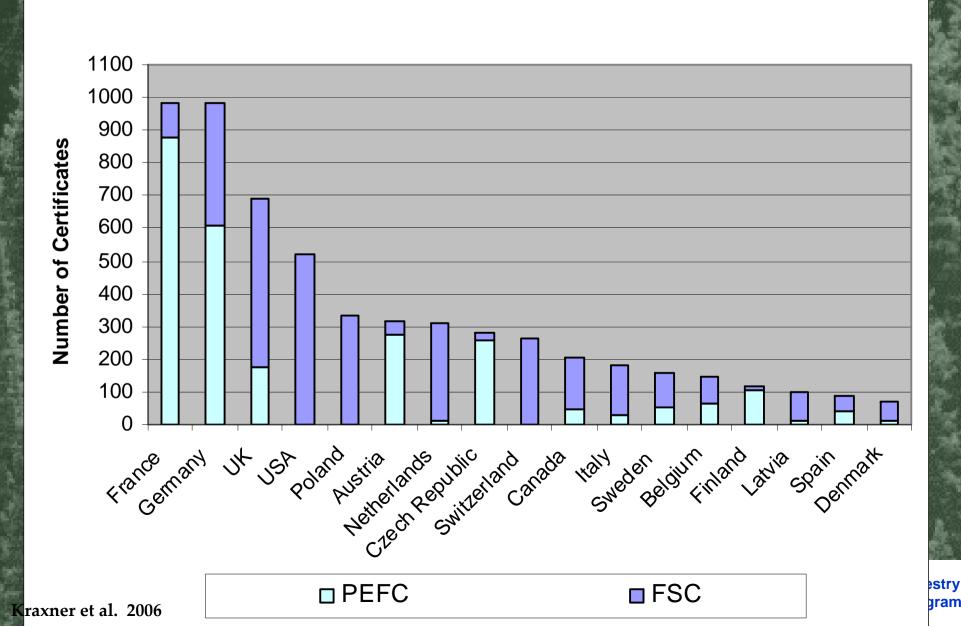
CERTIFIED FOREST PRODUCTS

Chain-of-Custody Certification Trends Worldwide, 1998 - 2006



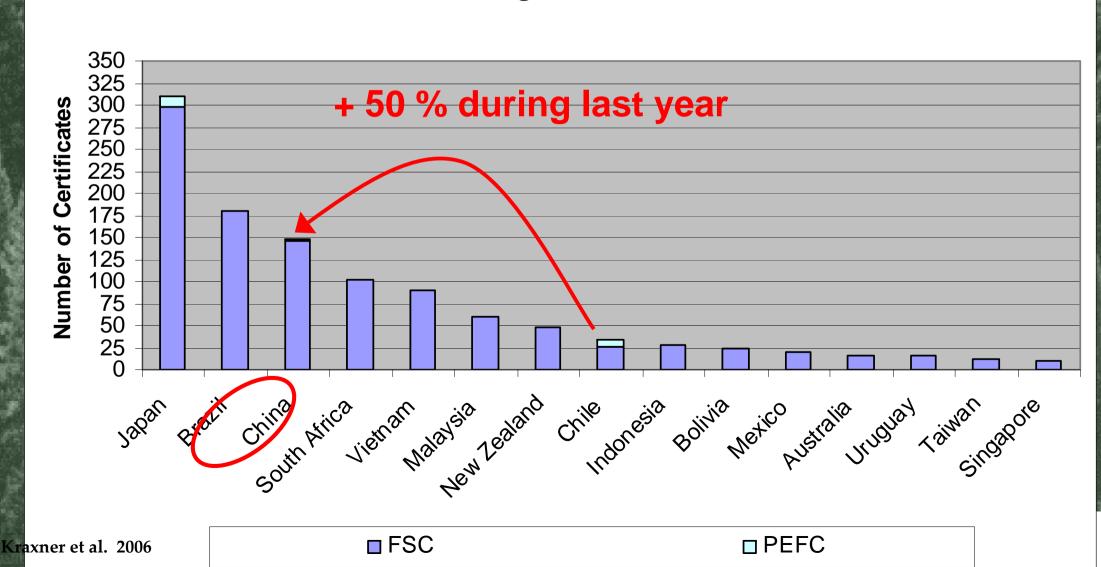
CERTIFIED FOREST PRODUCTS

Chain-of-Custody Certificate Distribution Within the UNECE Region, 2006

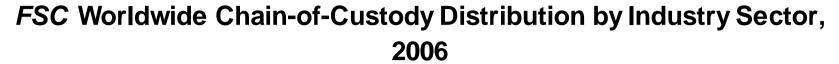


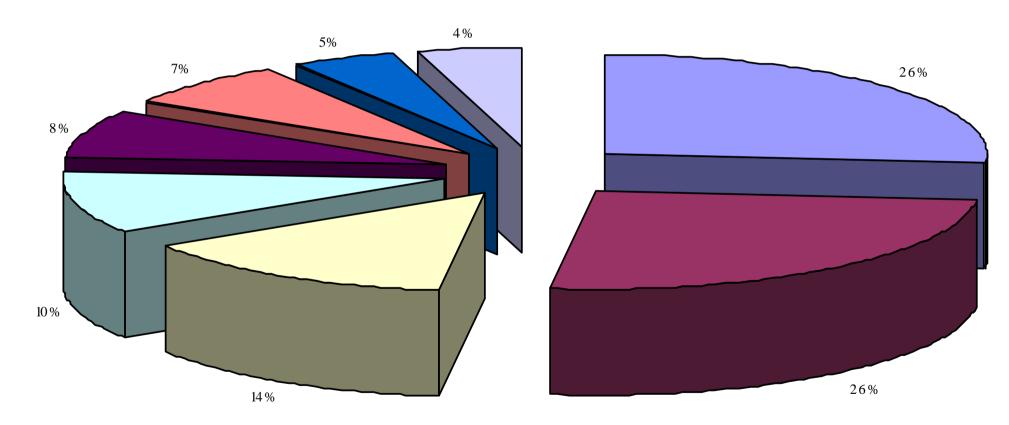
CERTIFIED FOREST PRODUCTS

Chain-of-Custody Certificate Distribution Outside the UNECE Region, 2006



CERTIFIED FOREST PRODUCTS, FSC





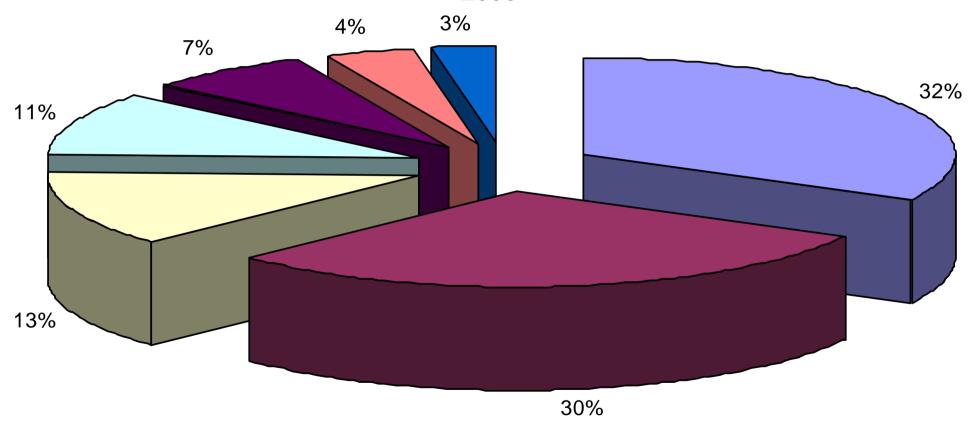
- Wood manufacturing 26%
- □ Roundwood and other primary forest industry 14%
 □ Furniture 10%
- Pulp & paper 8%
- Other 5%

- Sawnwood 26%
- Panels 7%
- □ Windows & doors 4%

Kraxner et al. 2006

CERTIFIED FOREST PRODUCTS, PEFC





- □ Timber trade 32%
- □ Other primary forst industries 13%
- Wood products trade / Retailers 7%
- Other 3%

- Sawmill 30%
- Wood manufacturing 11%
- Pulp & Paper 4%

Chinese Forest Resources

- Removals of industrial roundwood
 - Legal ~45 million m³?
 - Illegal/over harvest ~75–115 million m³?
- Wood Fuels
 - 110–225 million m³/year
 - Some 70% of rural households rely on wood fuel and agricultural waste
- We do not really know the extent and qualities of the Chinese forests
- The State Forest Inventory ??



Chinese Forest Resources

- Timber Forests forest for industrial wood supply
 - Contradiction of 15 20 mio ha
- Area available for wood supply
 - 50 60 % of timber forest area?
- Plantations

Gross: 53 million ha

Fast growing: 4-5 ?

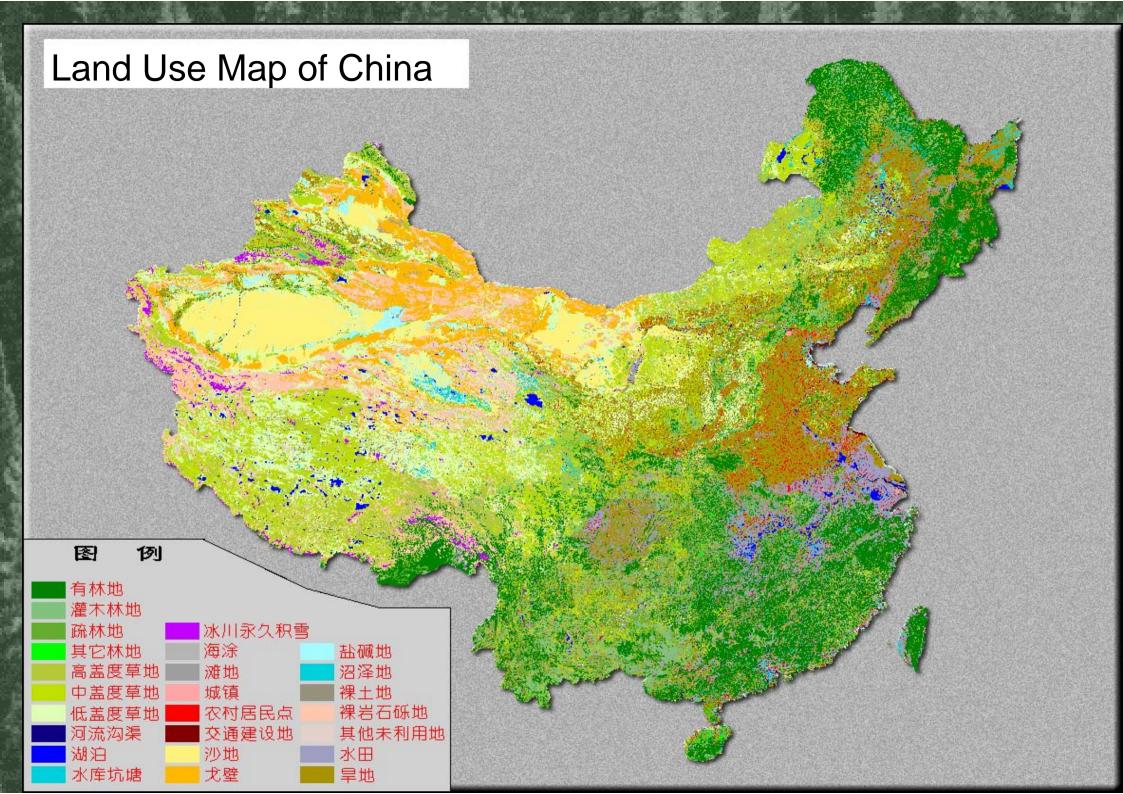
Slow growing: 15 – 20?

Growth rates ??



Plantations in China?

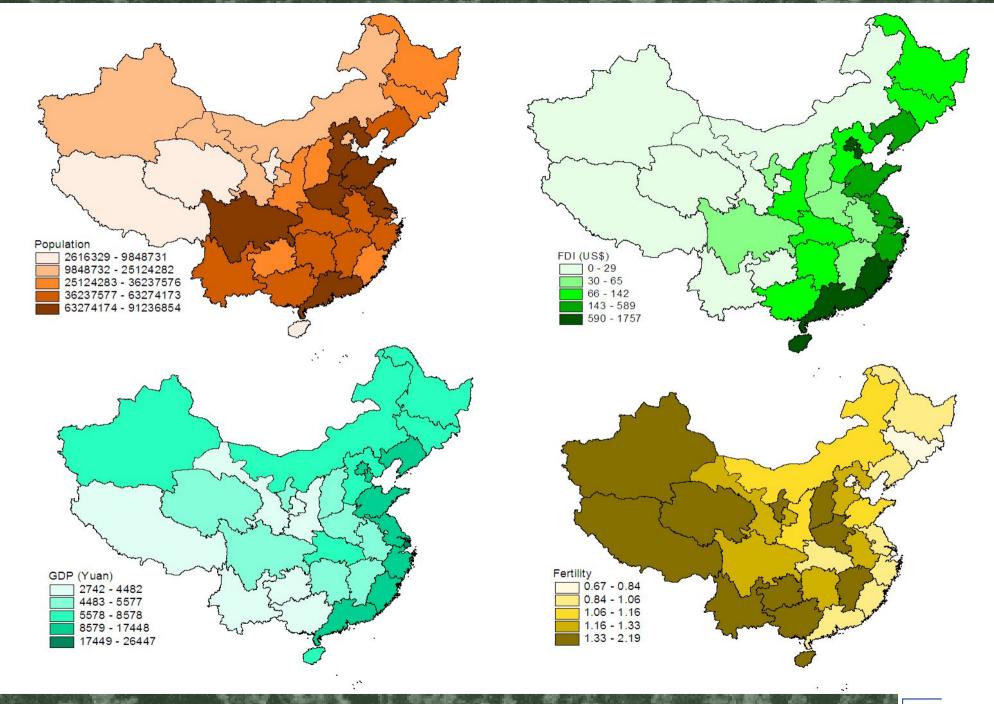




Many Chinas Within China

		公司的 自己的特别,但是一个人		
Total Population	1300 million	Average per Capita Disposable Income	US\$	660
Urban Population	500 million		-	1024
Rural Population	800 million		1	316
Urban Areas Employed	255 million			
Rural Unemployed	240 million			Action
Rural Migrants	145 million			
 No legal permanent resident Discriminated by local emporate Less salary (80%) No welfare benefits 				
Laid-off workers in SEA and	collectives	65 million		
Land-expropriated farmers	4000	50 million	1	
Limited compensationMostly jobless				
Poverty		+ 100 million		
Working	12431	500–600 million	1	





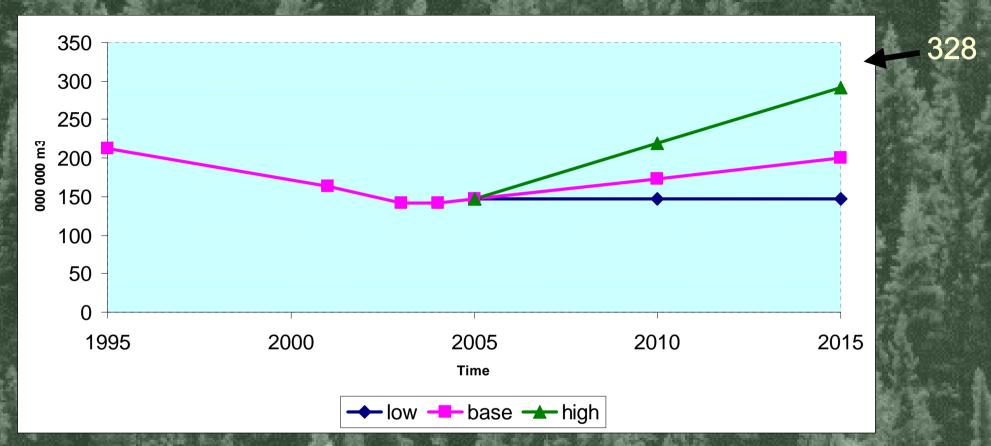


What Does It Mean?

- There is no single national market consumers are too dispersed, too inaccessible, too different
- Average per capita measures of income and demand are quite meaningless as a forecast tool on demand



China's Industrial Roundwood Removal



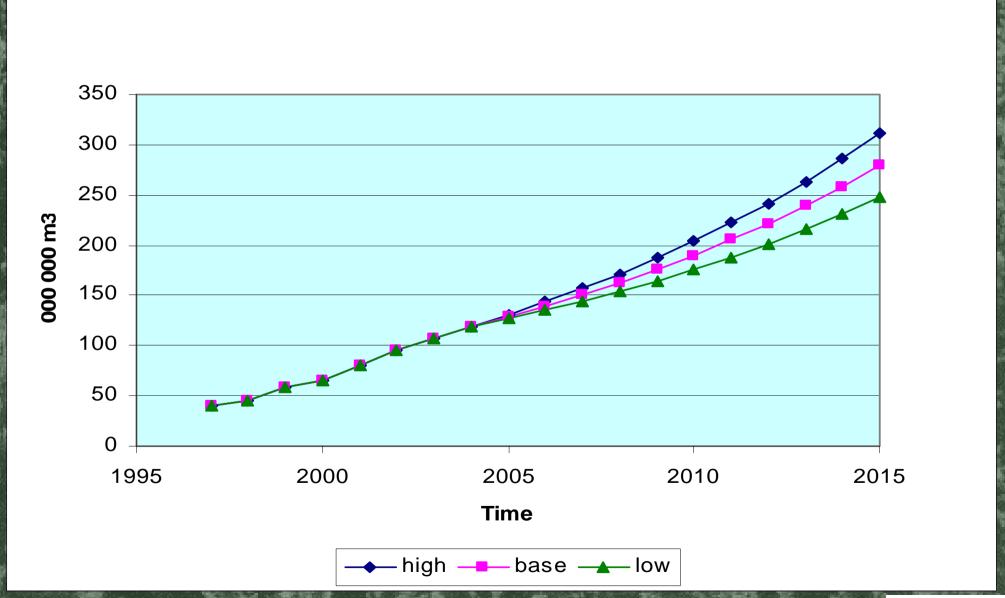
Official forecasts

- Natural forest
- Plantation (fast growing)

- $= 195 \text{ million m}^3$
 - = 133 million m³
- Total industrial roundwood removal = 328 million m²

Forestry Program

China's Wood Import Trends (RWEs)





Demand, million m³ (Fuller, 2006)

	2004	2020
Plywood	16.8	19.6
MDF	16.5	38.8
Particleboard	7.0	20.6
Lumber	20.2	41.0



Conclusion

- Enormous potential (and need) for certification in China
- In the future the gap between consumption and domestic supply will widen substantially
- The outlook (Fuller) will effect the global market
- Procurement Policy (illegal logging/harvesting)
- What is going to happen in the Tropics
- The Russian market development
- Certification of other products e.g. NWFP



为我们的友好合作!

谢谢

