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Legality constraints: the emergence of a dual market for tropical timber products?

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Illegal timber trade: 15–30% of the globally traded timber volume (50–90% of the volume in key producer tropical countries) Estimated economic value of global illegal timber trade: 30-100 USD billions/year i.e. 10–30% of global wood trade | Superior | Superior

Illegal logging: a definition

Illegal logging = harvesting, processing and trade in timber and timber products in violation of national or sub-national laws at any point along the supply chain (FAO, 2003; Forest Europe, 2012)

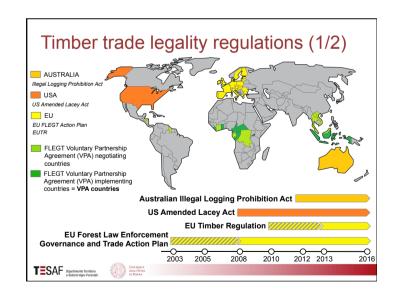
Examples:

- · logging without permits/outside concession
- logging with an illegally acquired license
- · illegal forest conversion
- logging exceeding allowed guotas
- processing of logs/timber without the necessary licenses
- non-payment of taxes
- · non-payment of export duties

...

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Timber trade legality regulations (2/2)

- Existing literature on impacts → focus on single regulations (Giurca et al., 2014; Prestemon, 2015...) and/or countries/regions (Carden et al., 2012; Roe et al., 2014...)
- Regulations implemented only by some countries (AUS, EU and USA)
- Regulations not covering all traded timber products (e.g. some finished products excluded)
- Can they contribute to timber diversion towards destinations with lower legality requirements, thus creating a "dual market"?

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Research methodology (1/3)

1. Product selection

17 Selected products (primary tropical wood products)

Commodity groups	CN code (4-digits)	CN codes (6-digits)
Roundwood (logs)	4403	440341 and 440349
Sawnwood	4407	40721 to 440729
Veneers	4408	440831 and 440839
Plywood	4412	441213, 441222, 441229 and 441231

CN = Combined Nomenclature





Research objectives

The research aims to analyze:

- The state of the 2001–2013 timber flows at global level with a focus on selected tropical timber and timber-based products
- The changes in timber flows (2001-2013) to the EU, the USA, and Australian markets, and changes in flows to selected emerging economies without specific legality verification regulations
- The magnitude of the possible ensuing dual market

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Research methodology (2/3)

1. Product selection

2. Country selection

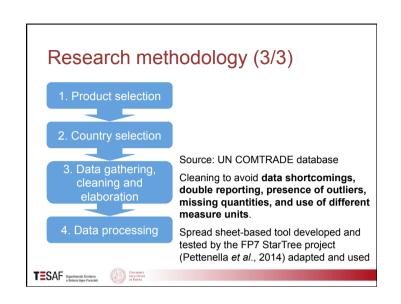
- Global trade
- Traditional importers → EU, USA and Australia (AUS)
- Emerging economies → China (CHN), India (IND) and Vietnam (VNM)

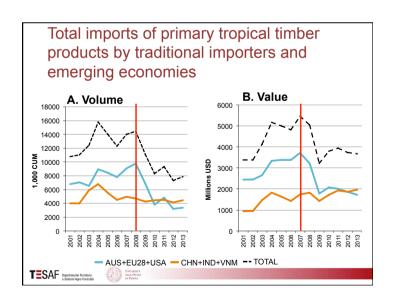
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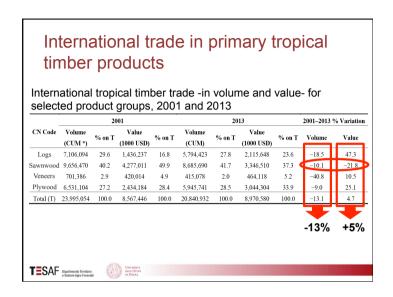
- Total imports
- · Imports from VPA countries

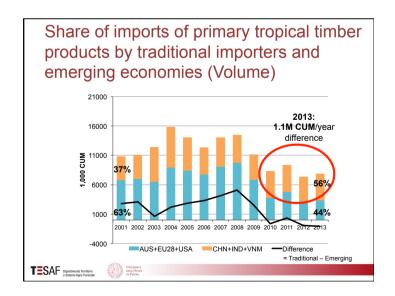
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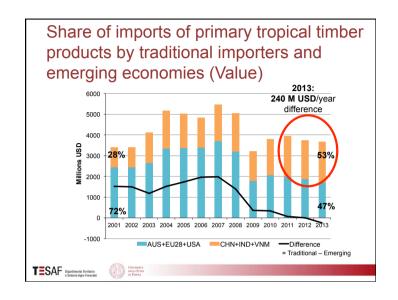


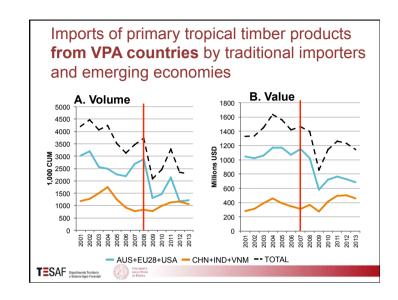


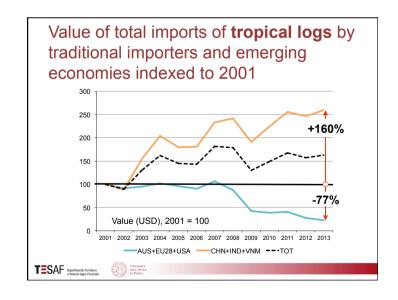


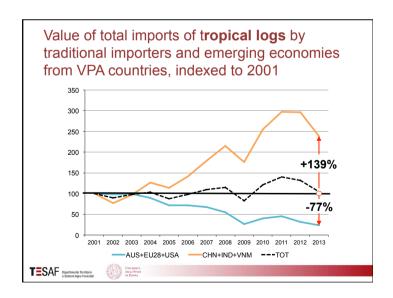












Conclusions (2/2)

- Decline of tropical imports started around 2007-2008 → financial crisis (Northern countries)
- Additional drivers at play e.g. increasing domestic demand by emerging economies, log export bans, anti-dumping measures on plywood, shift to temperate species...
- VPA countries hold better than other tropical countries ->
 processed products, link with EU, measures adopted for FLEGT
- Additional ("hidden") effects of illegal logging policies: enterprise concentration (Kansenty et al., 2014), reduced number of imported species (Jonsson et al., 2015), increased prices (Prestemon, 2015)...
- Further research needed to understand the technical/ political complexities introduced by an ever-evolving legal framework





Conclusions (1/2)

- General decrease (in volume) in the global trade of primary tropical timber products
- Different patterns between Traditional importers (decrease) and Emerging Economies (increase)
- Partial shift form Traditional importers to Emerging Economies + increasing South-South trade (including intra-regional trade)
- Mostly for logs (and sawnwood)
- Is this just the effect of timber trade legality regulations?

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