Modern furniture production and Lacey Act

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IKEA Supply Chain, Global
IKEA and forestry

• IKEA Requirements
  – No illegal harvested wood
  – No wood from sensitive or protected forest areas
  – No wood from areas of forest related social conflicts
  – No genetically Modified trees.
  – Supplier must report origin of all wood - traceable to site of harvest

Requirements was introduced year 2000 and applies to solid wood, veneer, plywood and the IKEA catalogue
Lacey Act requirements

• **All** used plant materials shall be declared
  – No "De Minimis" defined

• Recycled plant materials can’t be used other than for paper
  – No or very limited traceability
Materials with plant origin in a modern simple chest of drawers

Board, 3 types
Paper core foil, 3 types*
Paper core edge band*

7 composite plant based materials

Paper core materials represent less than <0.5% of the weight
Chest of drawer
- with a very “neat” sourcing

Wood species (with deminimi rule covering 90%):
- Chamaecyparis nootkatensis
- Tsuga (heterophylla & mertensiana)
- Abies (grandis & amabilis)
- Picea (glaucia, marian, engelmannii, abies & obovata)
- Tsudotsuga menziesii
- Thuja plicata
- Pinus (contorta, monticola, ponderosa, sylvestris, cembra, nigra, brutia, halepensis & peuce)
- Betula (pendula & pubescens)
- Fagus silvatica
- Quercus robur
- Populus nigra

Countries of harvest (with deminimi rule covering 90%):
- Canada, Sweden, Finland, Latvia, Lithuania, Russia, Estonia, Ukraine, Norway, Poland, Switzerland, Austria, Slovenia, Bulgaria, Serbia, Turkey, Slovakia and Czech Republic.

In total 26 different wood species from 18 countries = approximately 325 lines of data
(1 supplier per material and each sub-supplier has max one sub-supplier)
Utilization of wood raw material

1. Saw mill
   - 50%
   → Furniture producer
   - 20%
   → Table

2. Logging left-over's
   + 5%
   → Saw mill
   5-25%

3. Board mill
   - 15%
   → Furniture producer
   - 15%
   → Table

4. Furniture producer
   - 15%
   → Table

5. Furniture producer
   - 15%
   → Table

IKEA®
Material sourcing for a simple product

- **Furniture producer**
  - Pulp mill x 3-4
  - Paper mill x 2-3
  - Foil mill x 2-3
  - Board mill
  - Paper mill
  - Pulp mill

- **IKEA**
  - >800 producers
  - 2-350 articles at each

- **Suppliers:**
  - Pulp mill
  - Paper mill
  - Foil mill
  - Board mill
Species in a board

- Without a sensible “De Minimis” the legislation may be contra-productive:
  - Less use of logging ”left-over's”
  - Board production will be limited to sorted of timber
  - De-barking before chipping to remove “stowaway species”

- 100% is almost impossible for composites

* Percent per species
Conclusions

• IKEA fully supports the ban on use of illegal harvested plants

With some smaller adjustments the Lacey Act will be a positive change driver

1. Define a reasonable “De Minimis” for composites and consumer goods allowing honest declarations without unintentional negative effect

2. Include all recycled plant material in the exempt for paper independent of end material/product
THANK YOU!