

Relevance of Tracking Technologies to the PEFC

Workshop on Tracking Technologies for Forest Governance

15th May, Corus Hotel, Kuala Lumpur

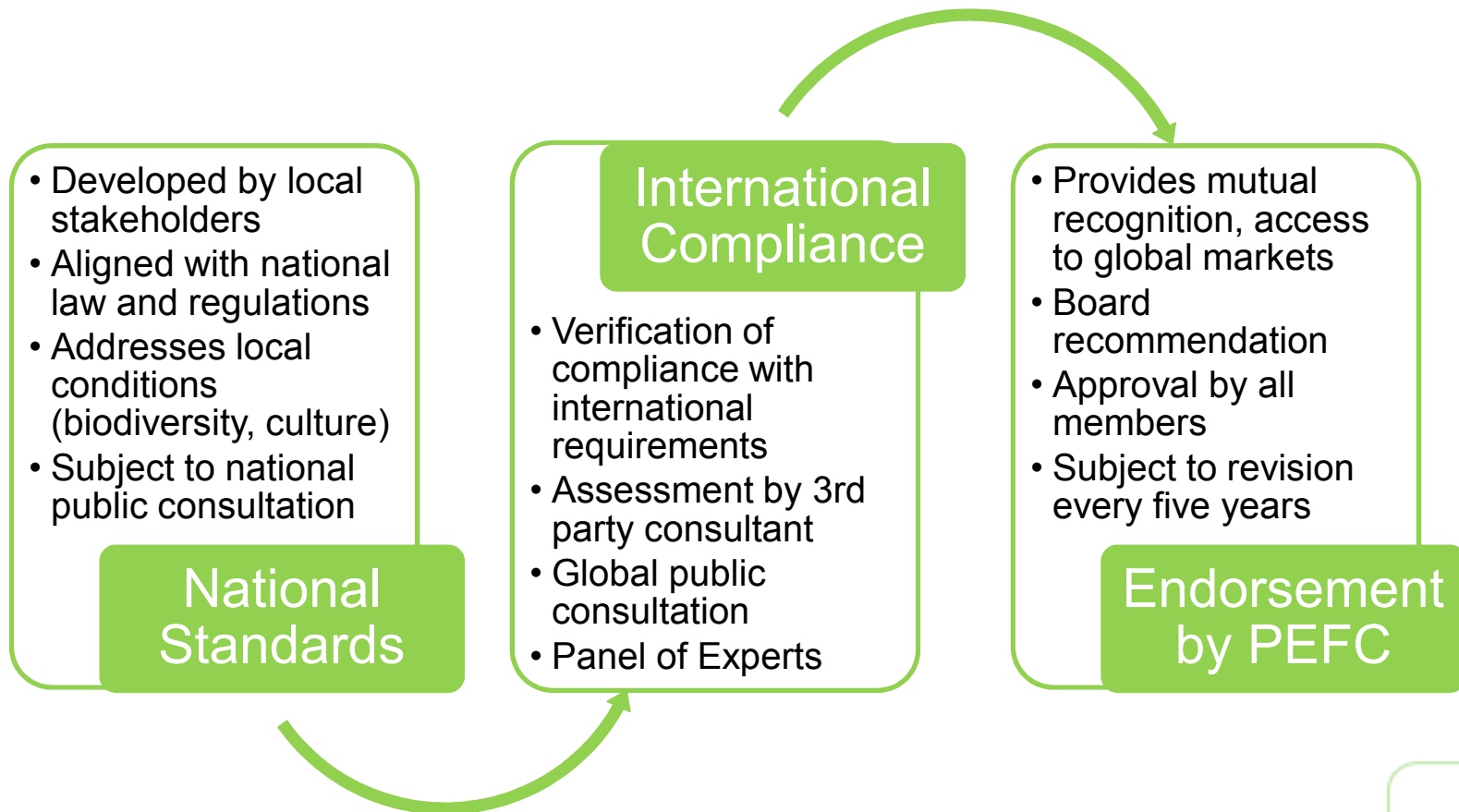
Chew Lye Teng
PEFC Council

PEFC – a brief overview

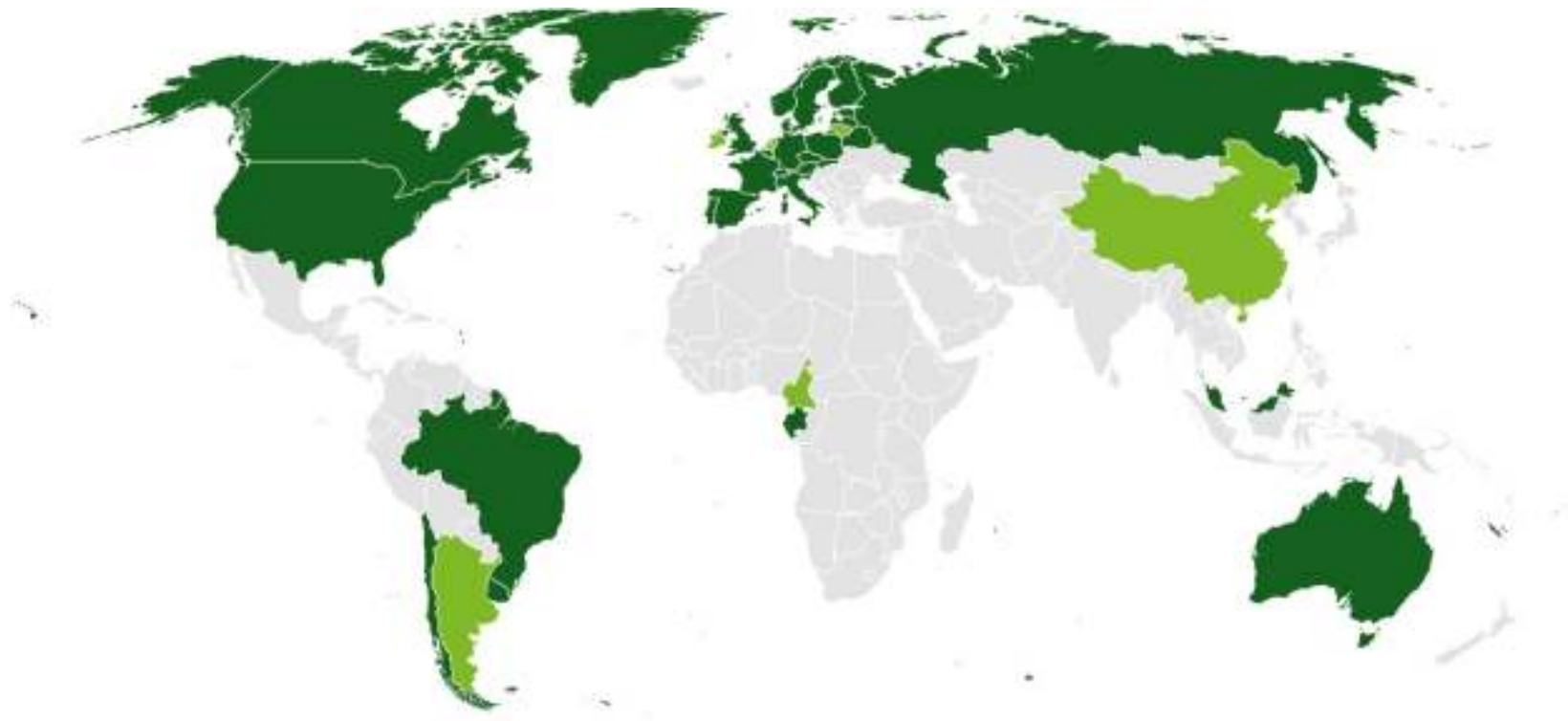
What is PEFC?

- **Global, not-for-profit**, non-governmental organisation based in Geneva, Switzerland
- Voluntary mechanism promoting sustainable forest management providing independent, **third party certification** of good practices
- **Alliance** of national forest certification systems with global representation and an international chain of custody
- World's largest forest certification system and **provider of two thirds of the world's certified sustainably managed wood**
- **Certification system of choice** for small family forest-owners

PEFC's Bottom-Up Approach



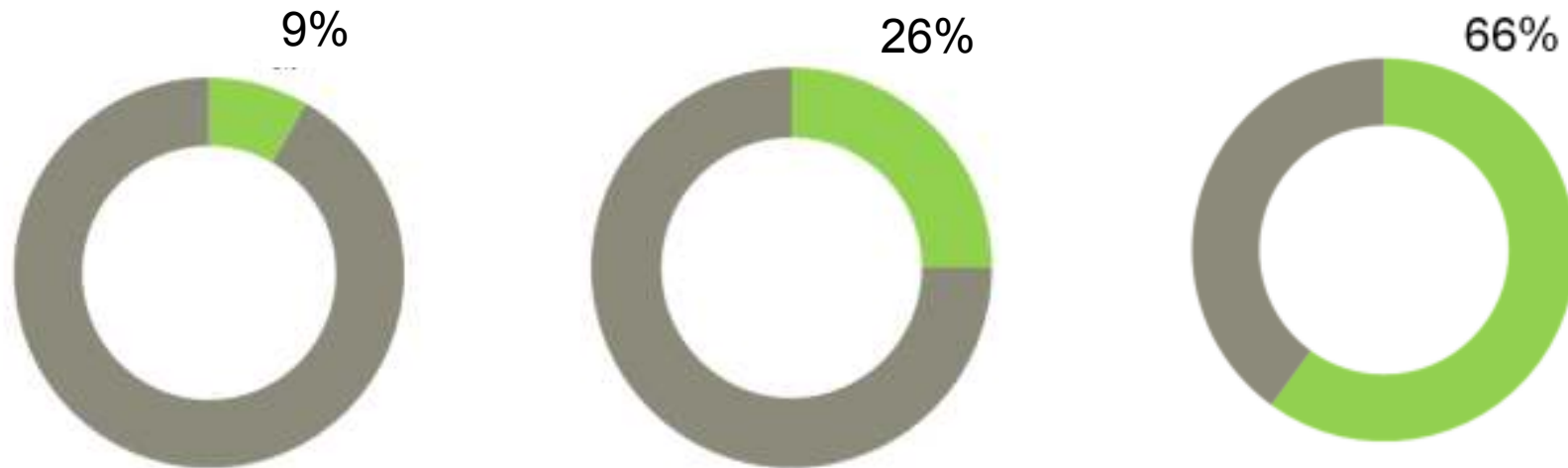
PEFC's Global Presence



■ - Non-endorsed system

■ - Endorsed system

Certification Globally



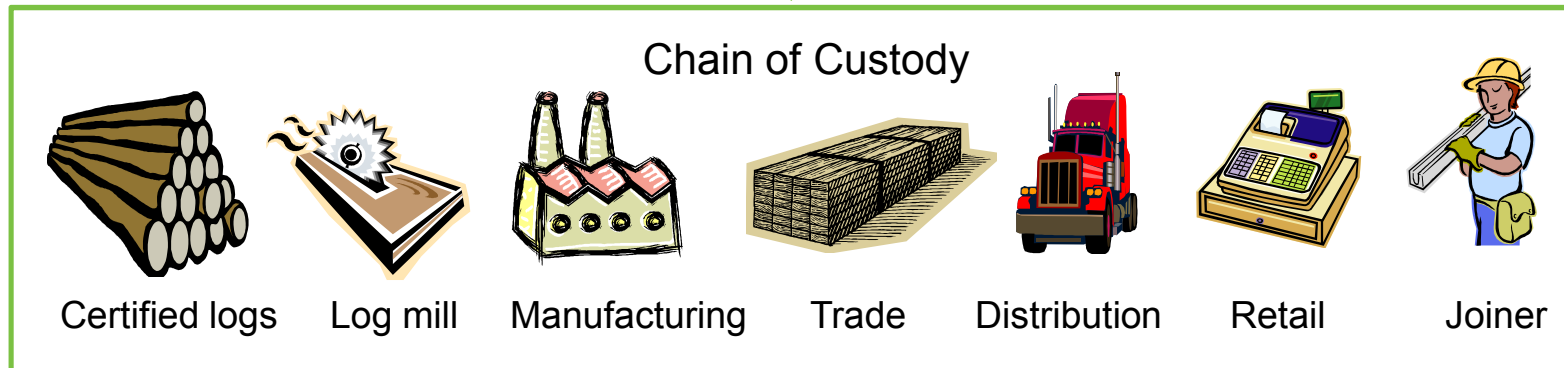
- Only 9% of the world's forests are certified
- Only 26% of the world's industrial roundwood supply is certified
- 66% of the total area certified to PEFC

The “tracking and tracing framework”

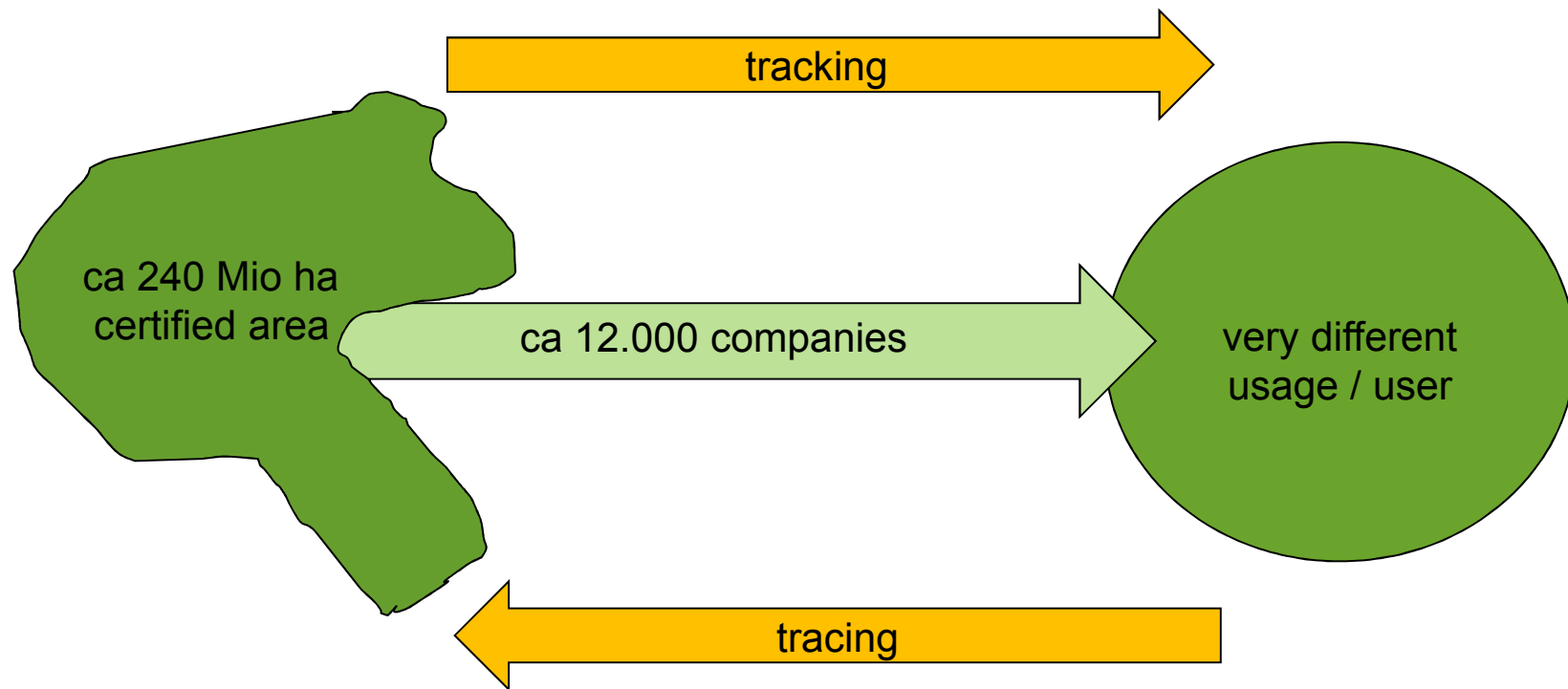
Elements of PEFC Certification



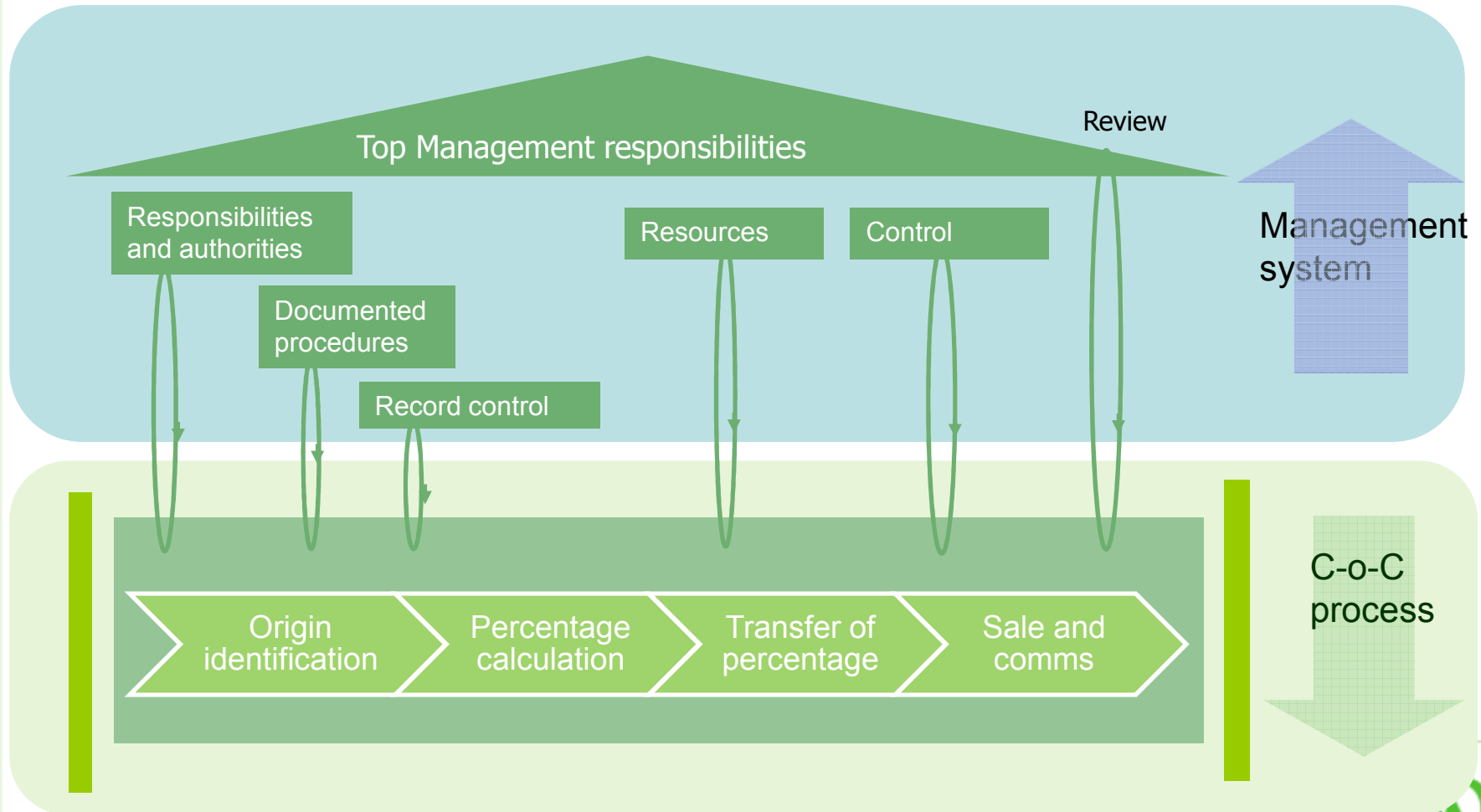
Forest certification



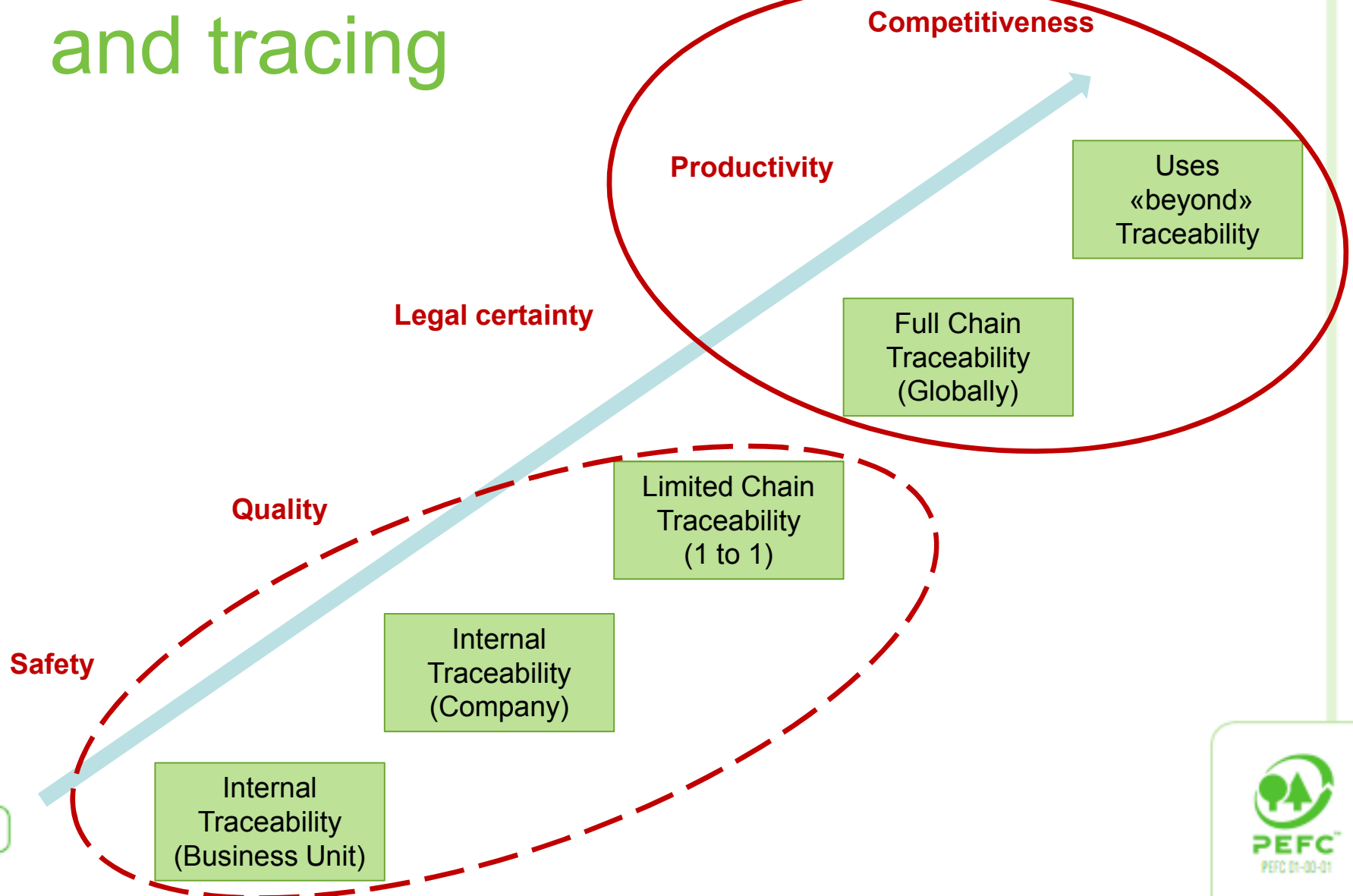
Complexity of material and information flows



Chain of Custody model



PEFC's understanding of tracking and tracing



Tracking Options

- Conventional chain of custody tracking

- Physical separation
- Percentage method

➔ Tracking of characteristics

- Physical tracking from source to end usage

➔ The «track » of a specific assortment can be followed

- Physical tracing from product to source

➔ The user can identify source and different tiers of the (raw) material

- DNA based tracing

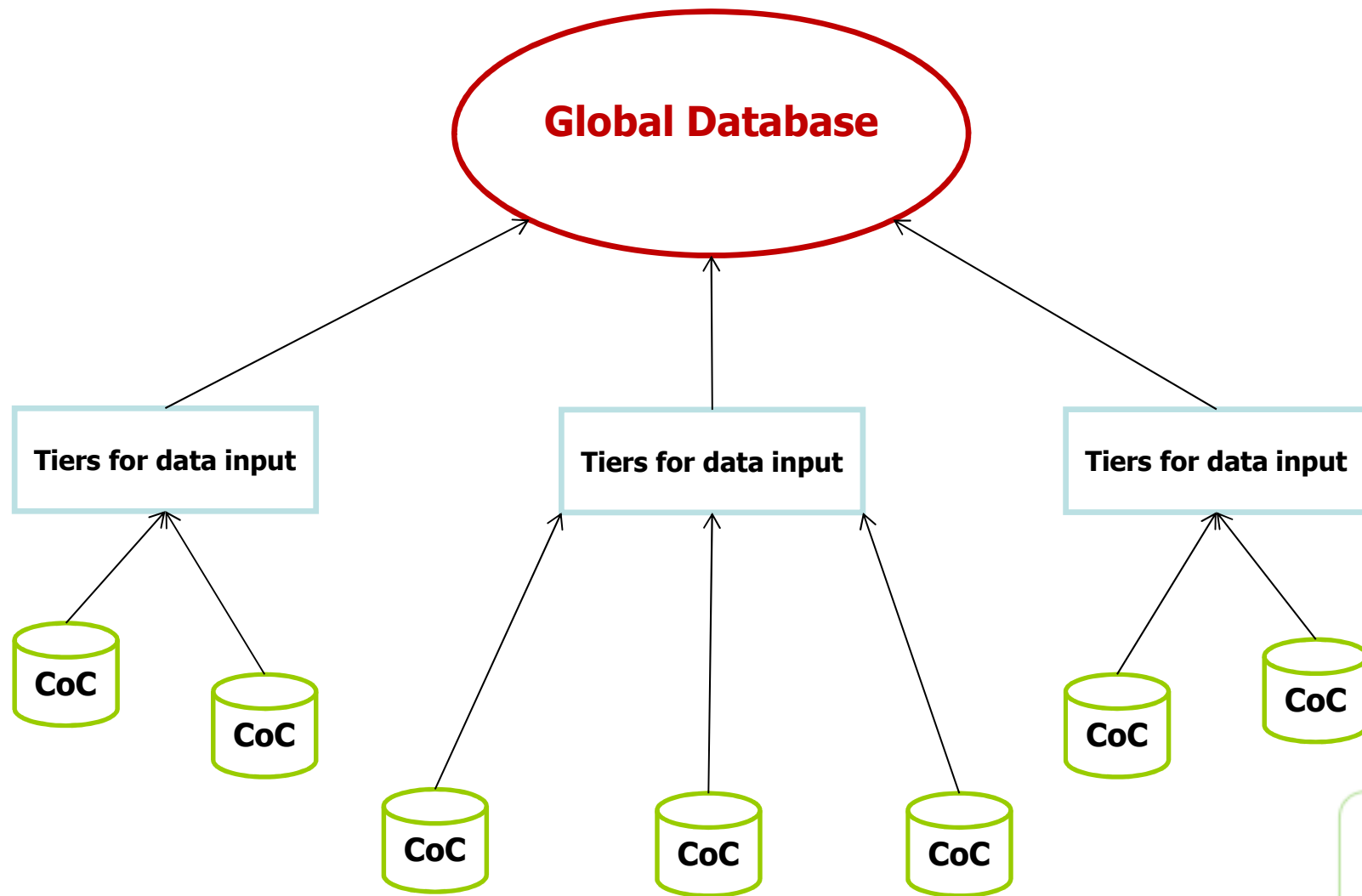
➔ Classification of origin based on genetic analysis

Some reasons why this is important for PEFC

- Physical tracking from source to end usage:
 - Transparency of the material flow in general
 - Tracking of high risk assortments
 - Legality

- Physical tracing from product to source
 - In addition:
 - Product marketing
 - CSR “stories” for companies
 - New audit methods / increasing reliability

Typical Technology



Various data input possibilities

Further information about PEFC: www.pefc.org

THANK YOU!