



Forest Stewardship Council®



How forest management standards contribute to mitigating climate change: The case of the Forest Stewardship Council indicator development

Marion Karmann, FSC International



ForExCLim,
Ljubljana, April 2018

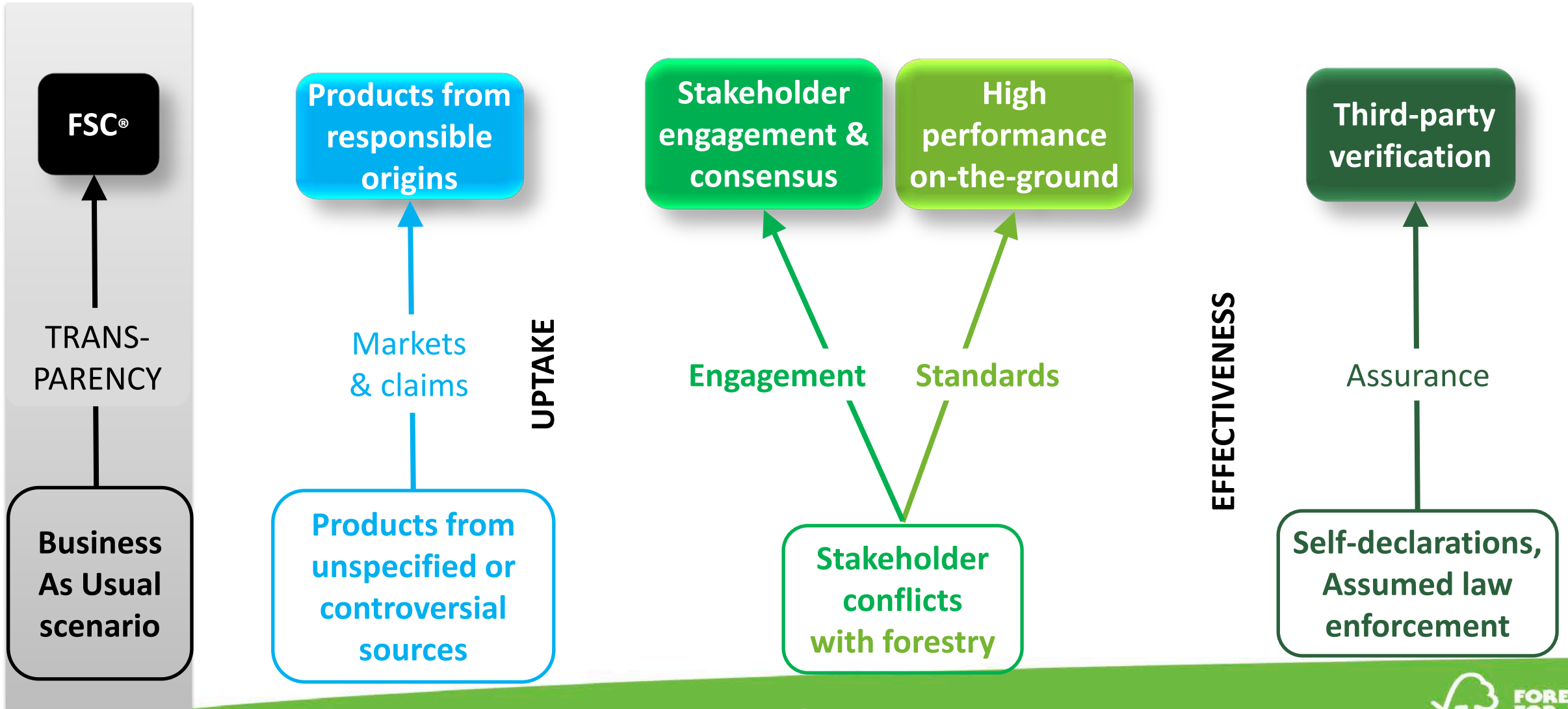
Good forestry products
& how to find them?

Principles, criteria, indicators
& who defines them?

How indicators look like,
& ForExClim's role.



Theory of Change: Transformation through FSC certification



Principles & Criteria for forest management certification

1. **Comply with relevant laws and FSC principles**
 2. Respect tenure & use rights and responsibilities
 3. Protect Indigenous Peoples' rights
 4. Assure community benefits and worker's rights
 5. **Generate multiple benefits from the forest**
 6. **Manage and limit environmental impact → (10) Criteria**
 7. **Management planning**
 8. **Monitor and assess forest management impact**
 9. **Maintain High Conservation Value forests**
 10. **Manage plantations responsibly**
- 6.5: Written guidance prepared and implemented to control erosion, minimize damages during mechanical disturbances
- **VERSION 4!**

Principles & Criteria for forest management certification

- **conversion, restoration,**
- **water, soils, erosion control**
- **Fire management, oil / waste management,**
- **Species composition, introduction, control of invasive species**
- **Biodiversity, resilience,**
- **Sustainable yields, carbon stocks, multiple benefits / products**
- **High Carbon stocks, high conservation values, intact forest landscapes**
- **Inventories, monitoring, adapted management**
- **Stakeholder engagement, transparency, veto**

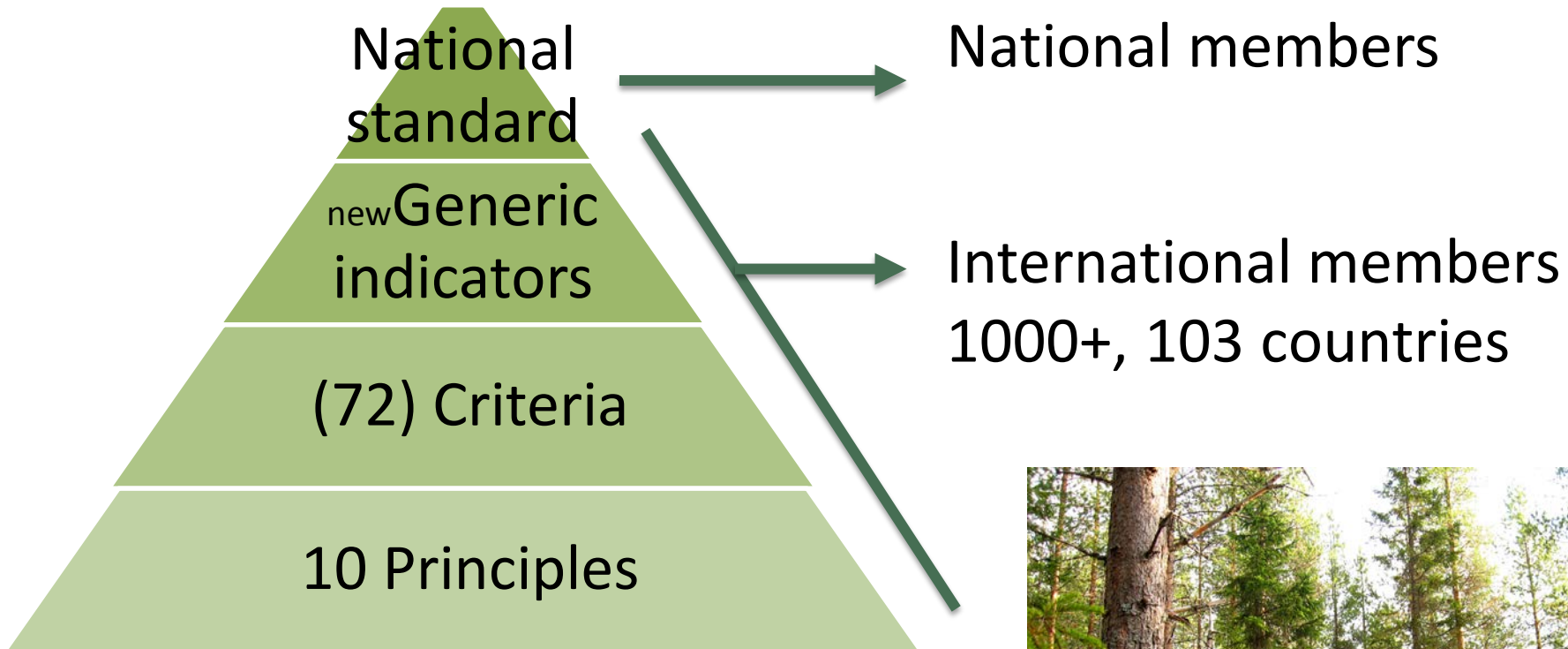
P 6. Forest management shall conserve biological diversity and its associated values, water resources, soils, and unique and fragile ecosystems and landscapes, and, by doing so, maintain the ecological functions and integrity of the forest.

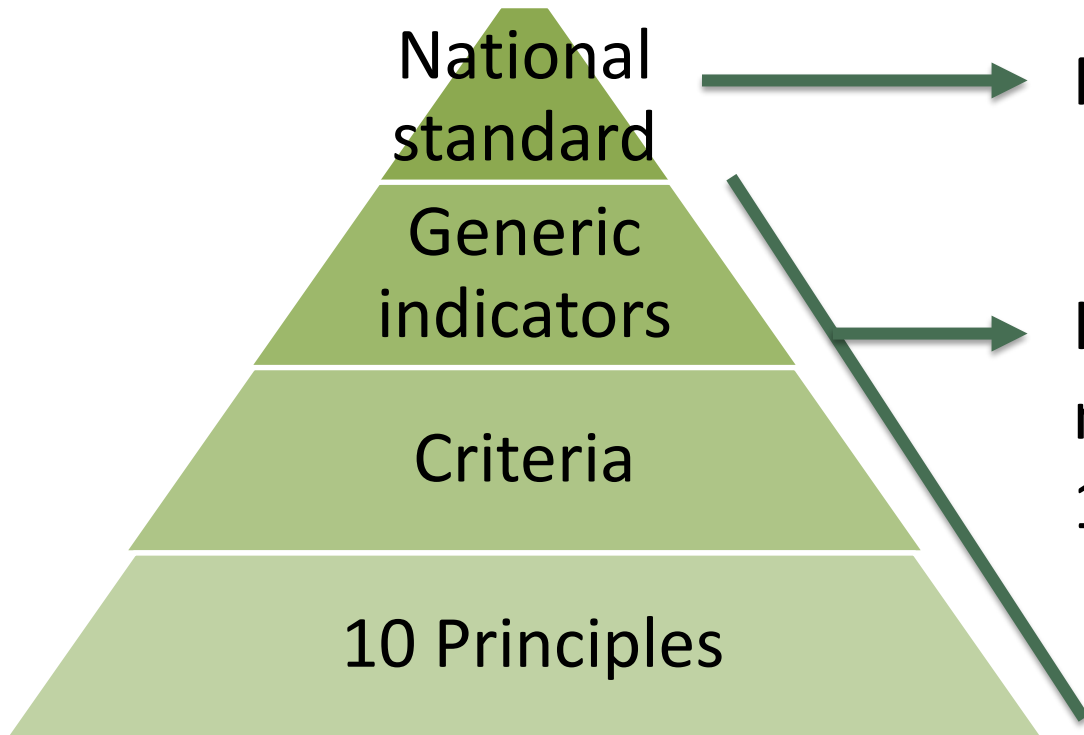
Criterion 6.1: Assessment of environmental impacts shall be completed (SIR). Assessment shall include landscape level considerations and on-site processing facilities, prior to interventions.

Criterion 6.5: Written guidance prepared and implemented to control erosion, minimize damages during mechanical disturbances

Slovenian indicators 6.5.1 – 6.5.13: (road infrastructure planning, sky logging, soil saturation, new technologies, training for workers, ...)

6.5.1 There is written guidance or policies and procedures for new road building, road maintenance and other mechanical disturbance.

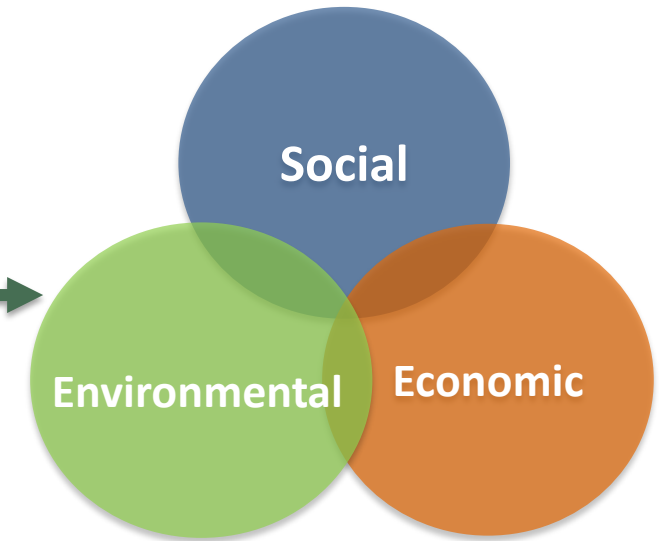




National members

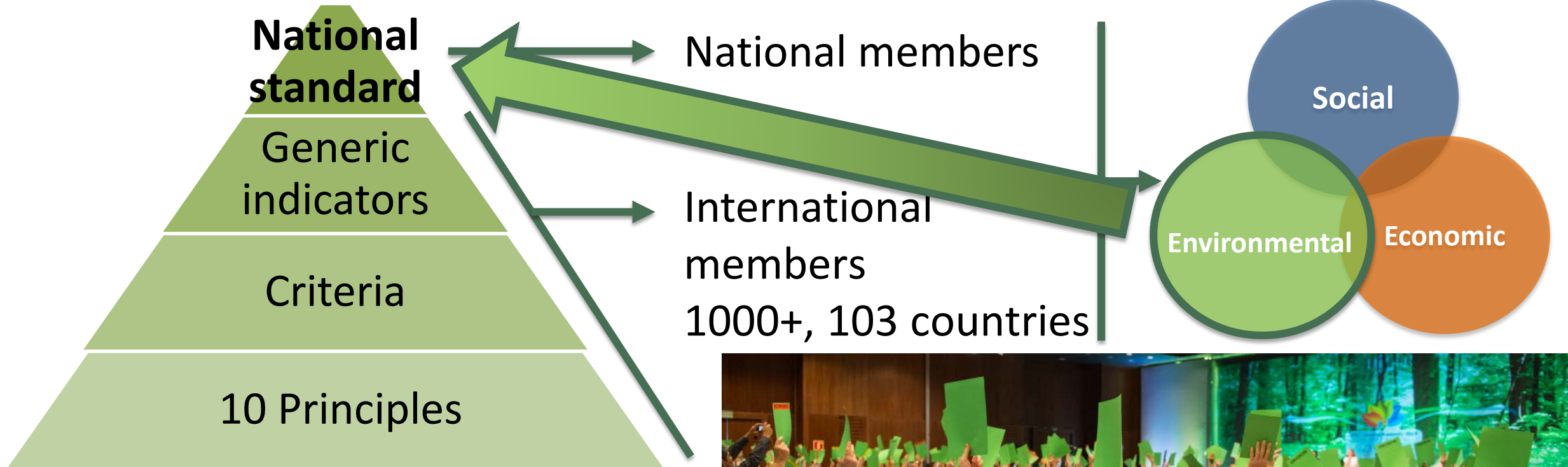
International members

1000+, 103 countries



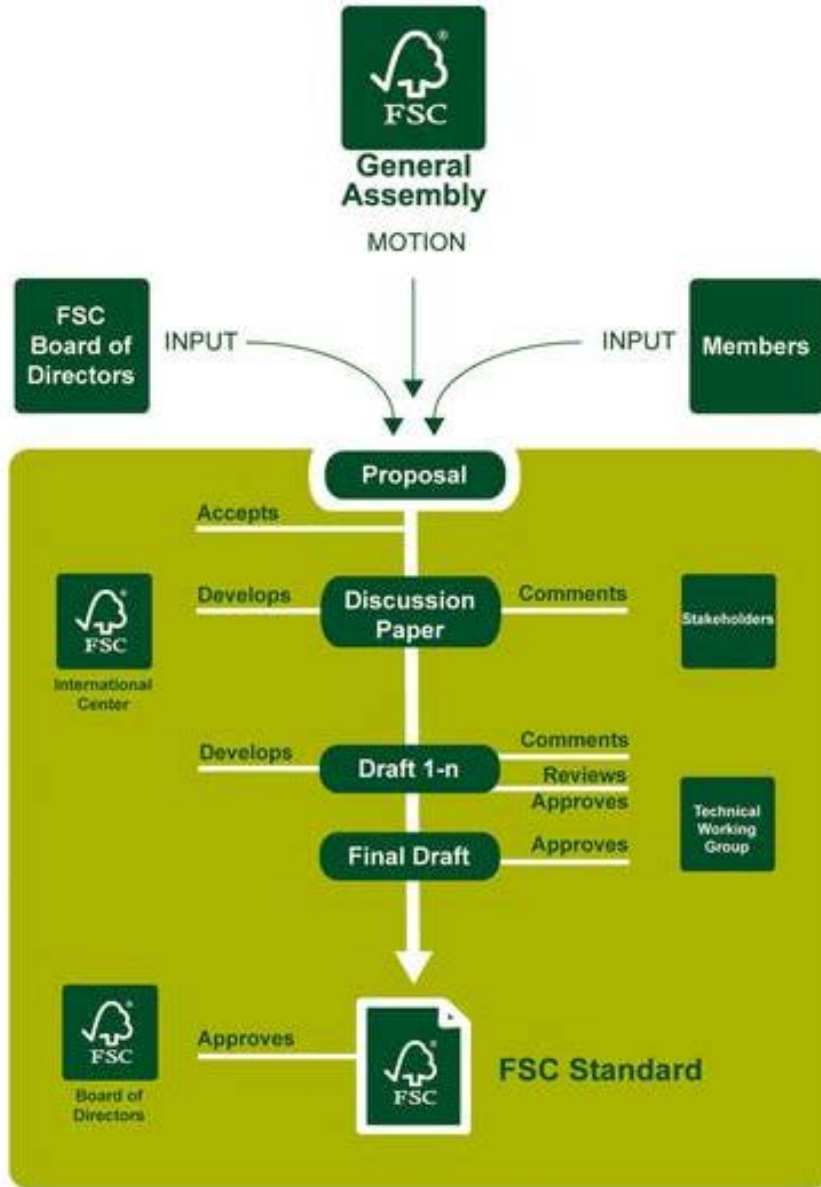
- A standard is an agreement on indicators
- Based on experiences, results from negotiations of conflicting interests





- A standard is an agreement on indicators
- Based on experiences, results from negotiations of conflicting interests





Standard development

Consultation loops

“As the FSC engages in the standards review process, it faces several conflicting goals which it cannot simultaneously maximize.”



CERTIFICATE

Information from 2018/04/24 - 12:53 UTC
Certificate Code **SA-FM/COC-002747**
License Code **FSC-C103845**

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MAIN ADDRESS

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CERTIFICATE DATA

Status Valid
Forest Area 29852.62 ha
First Issue Date 2010-12-21
Last Issue Date 2015-12-21
Expiry Date 2020-12-20

→ info.fsc.org



New programs for certified forest management operations:

Certification of Ecosystem Services (ForCES)

Bonn Initiative, COP23

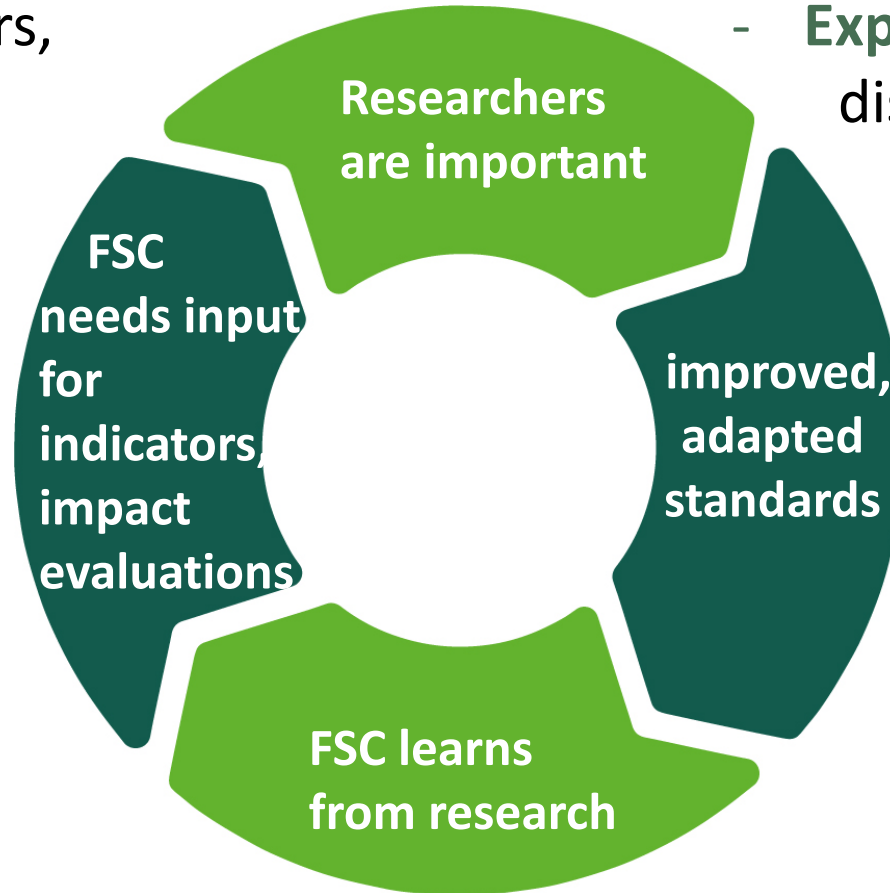
→ Methodologies to quantify climate benefits

Transparency

Need independent researchers,
Robust methodology

Complexity

- **Expertise** from different teams and disciplines (social, economic and ecology)
- Various methods
- Replication



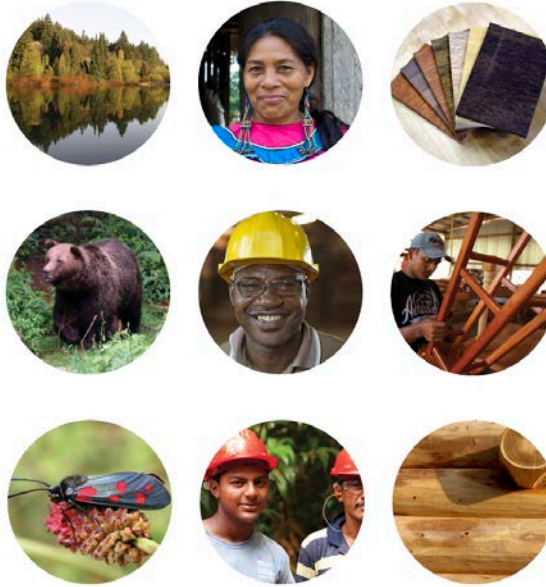
Research findings

Reflected in indicators,

Accessing, understanding **information** (standards requirements)

Networking

FSC staff, certificate holders,
certification bodies



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