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MRV and Monitoring for Effective REDD+ Implementation

10th December 2009

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Key Questions

1. Why?
   - Policy frameworks
2. What?
   - Specifications of Needs
3. How?
   - Institutions, capacities
   - Methods
4. How much?

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UN-REDD delivers on MRV/Monitoring for REDD

- at **Country** level
- at International/**Global** level
- with **Partners**
- through **Normative** role
- through **Implementation** on the ground
- and including Carbon, Other benefits and impacts and Governance

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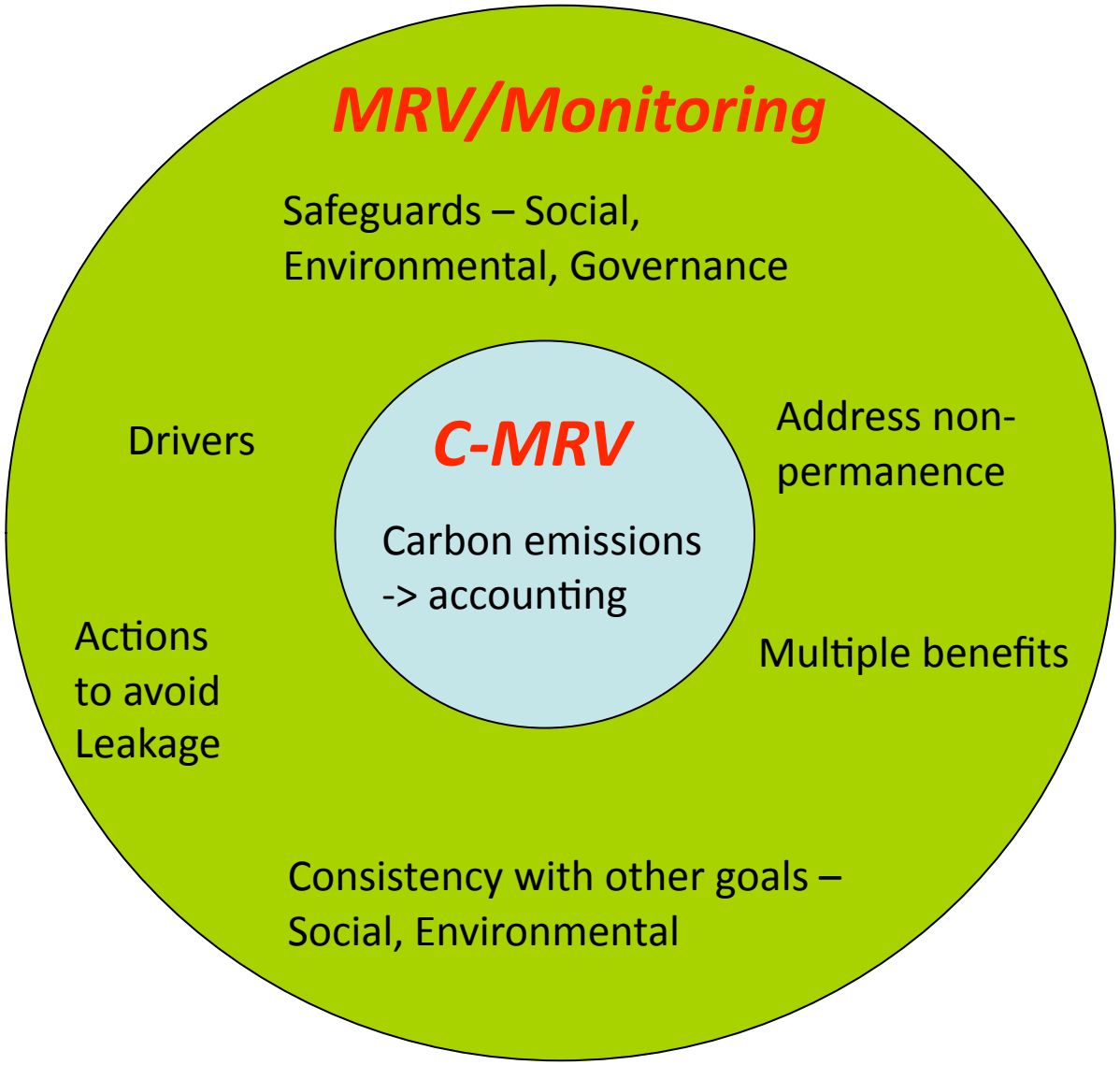
Scope of MRV/Monitoring for REDD



Success Factors

Robustness

Transparency

Stakeholder engagement

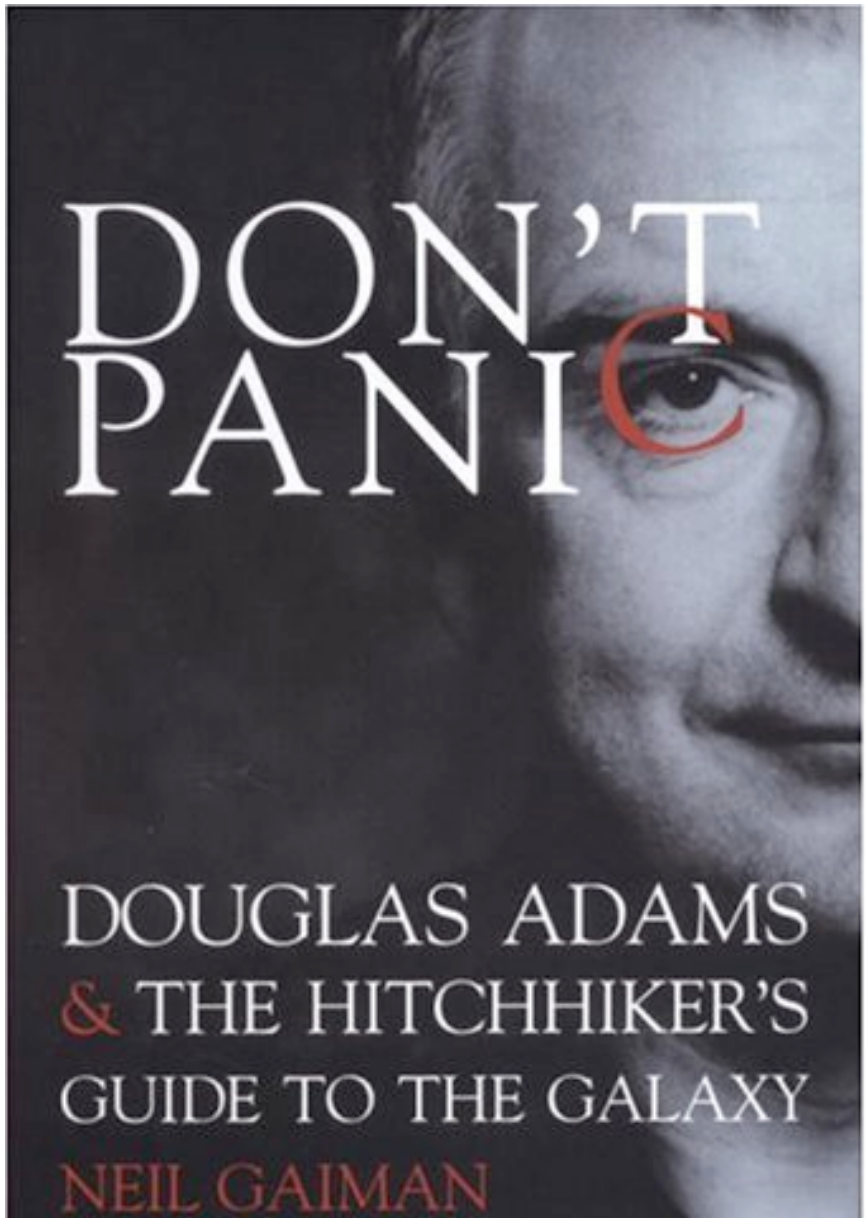
Feedback loops

Integration with other monitoring needs

International cooperation

Don’t Panic!

- Cost-effective methods are available
- Experience is around
- No need for detailed decisions now
- Give the process time
- Phased approach



Why?

Two distinct scales define the needs:

1. National -> International
   - Compliance and Accounting
     - Reporting and Verification – GHG Inventories (and more..)
   - Knowledge
     - Global assessments, Science, Negotiations, Feedback
2. National -> Local
   - Implementation policies
   - Payments and accounting
   - Knowledge and Feedback loops
   - Synergies with other development objectives

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What?

Three distinct categories:

1. Carbon stock and stock change
2. Other benefits & impacts
3. Governance aspects

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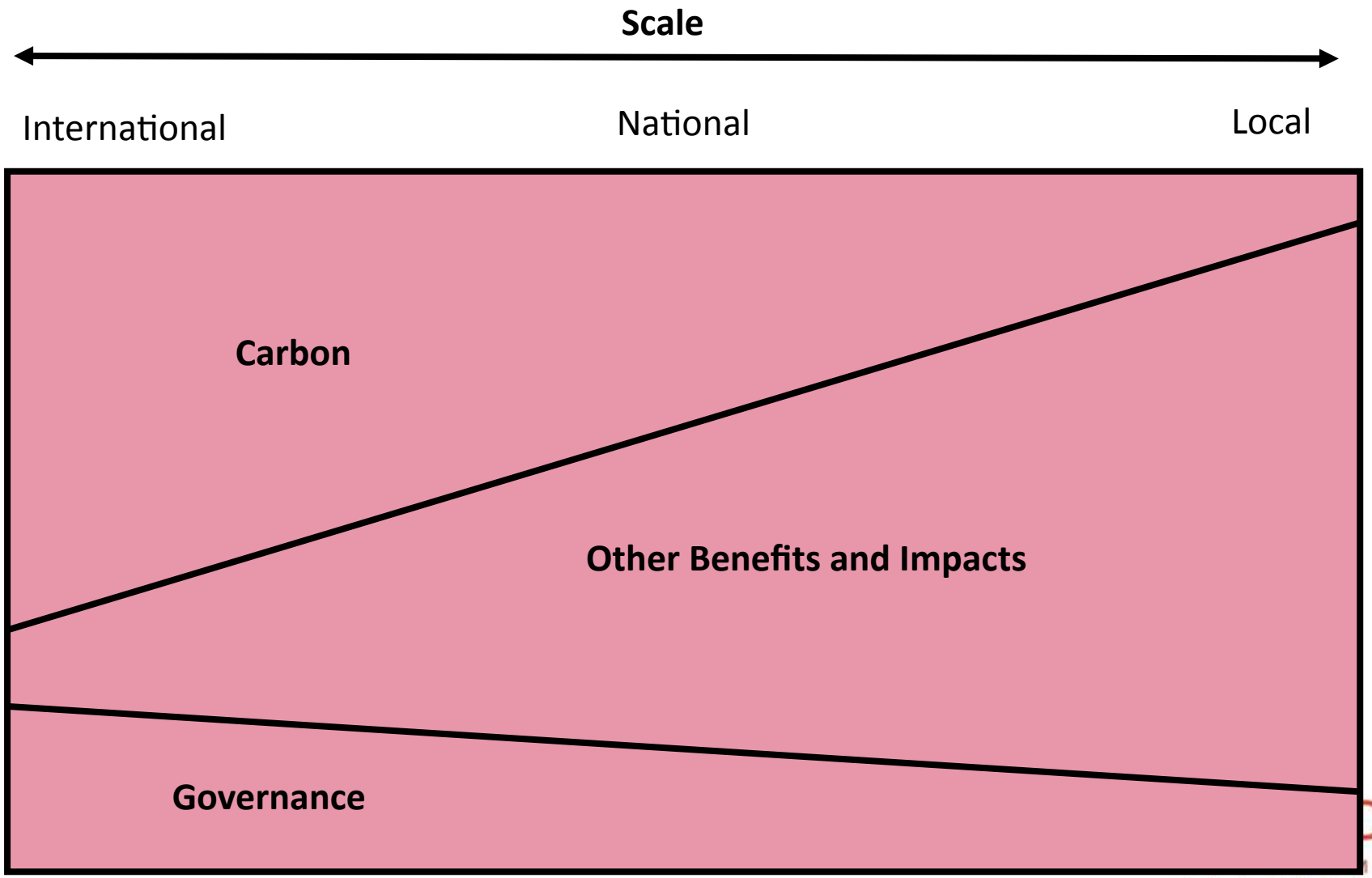
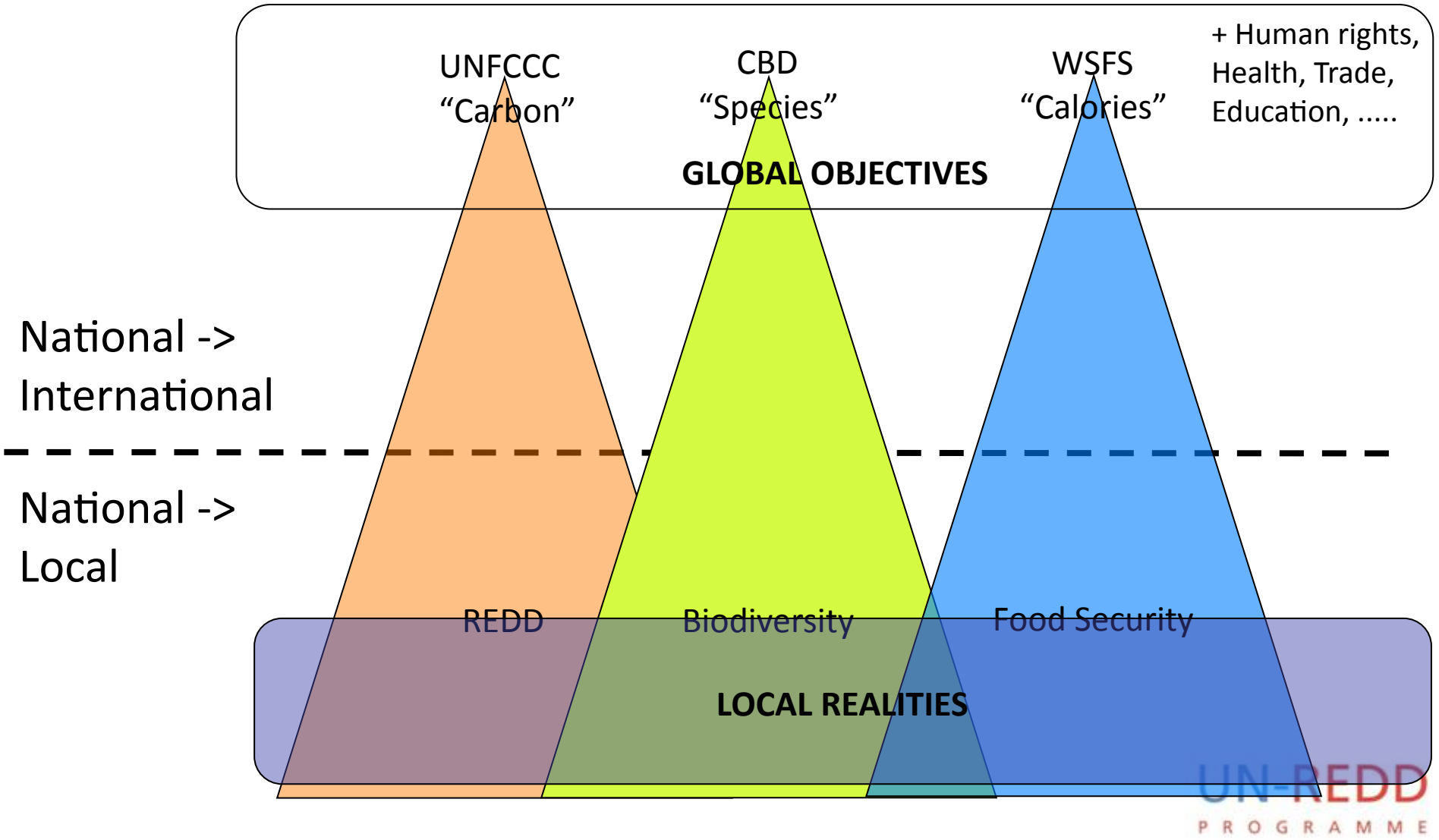
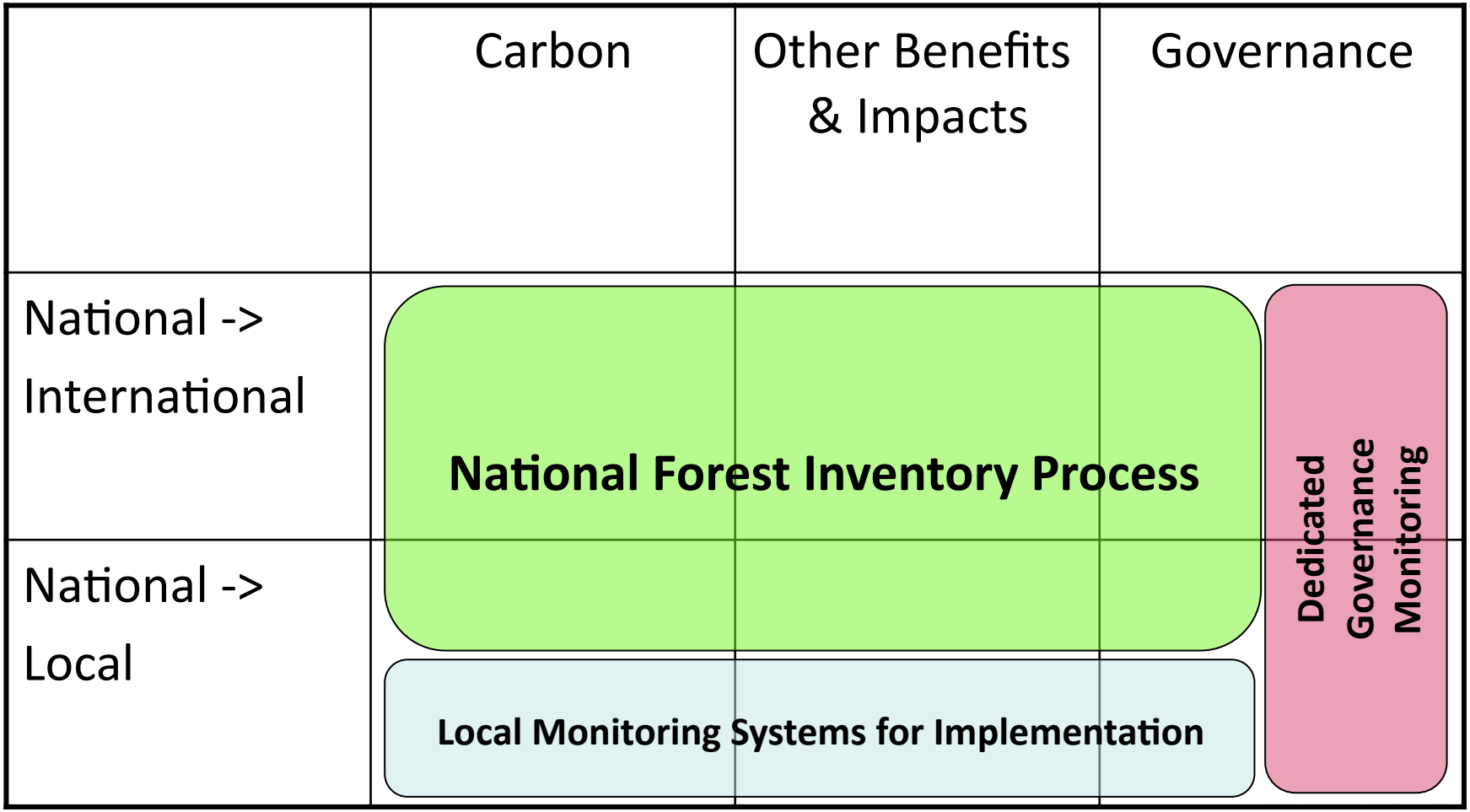
Relative importance for REDD



REDD (or even CC) is not isolated



How?



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National Forest Inventory Process

- Collect, manage, analyse and make available information
- On forests, their management, uses and users, benefits and impacts
  - i.e. ***Biophysical AND Socio-economic information***
- Covering the entire country
- Includes analysis, evaluations and scenarios for use in policy processes

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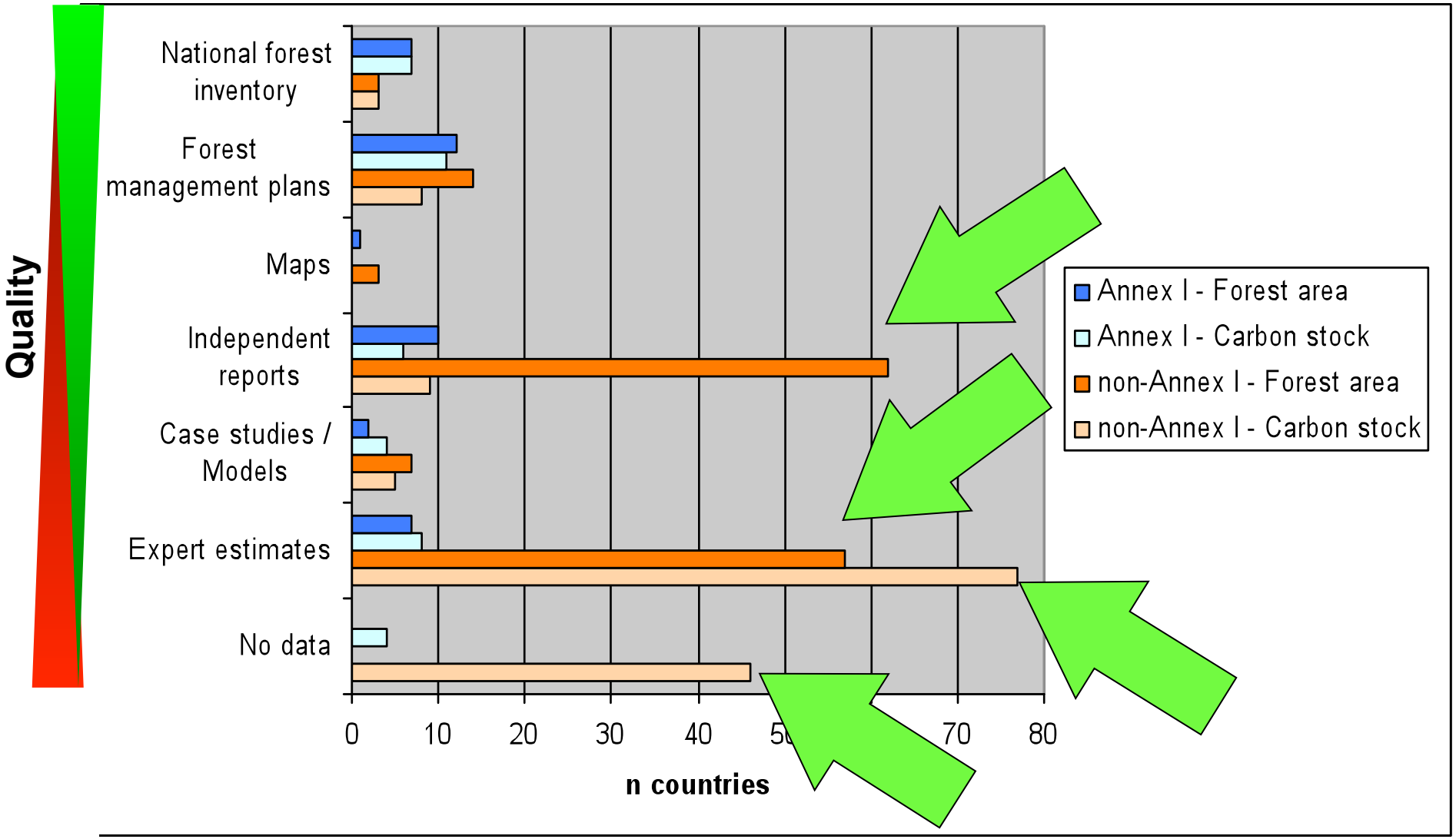
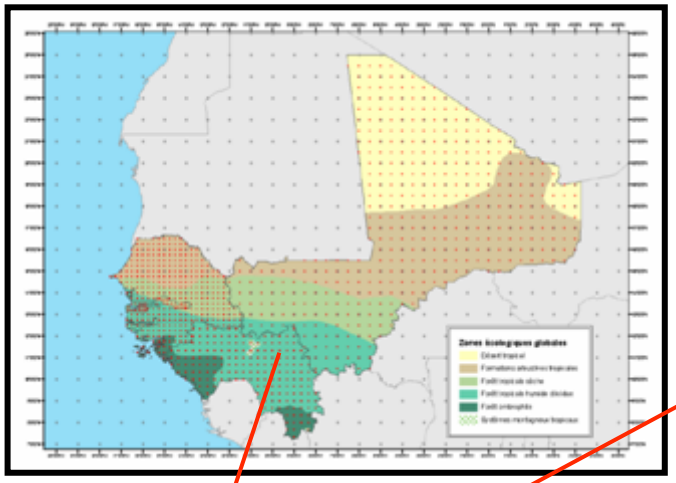
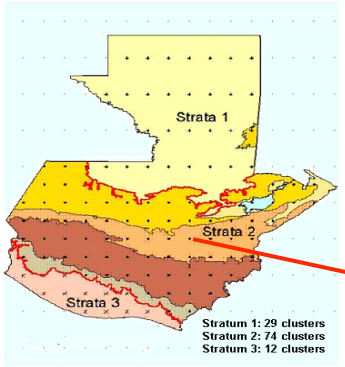
National Forest Inventory - methods

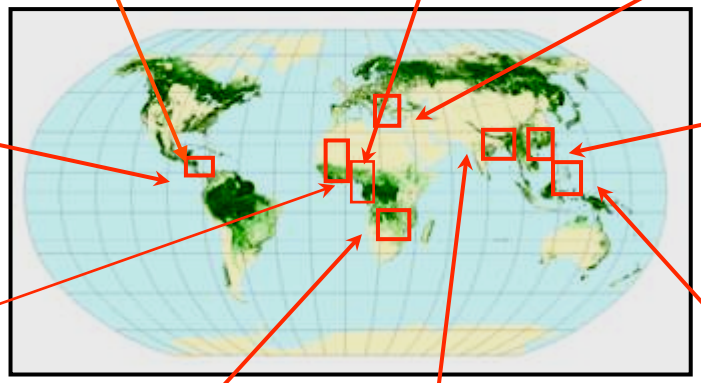
- Field data collection
  - Measure
  - Observe
  - Interview
- Models
  - Convert data into local estimates (eg Carbon stocks)
- Add up to larger scale
  - Sampling methods
  - Remote sensing

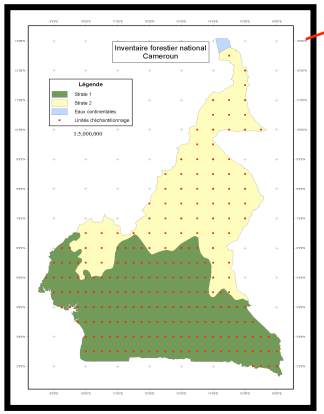
Data on trends in area and C stock

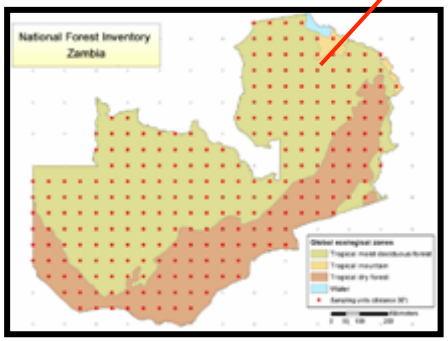


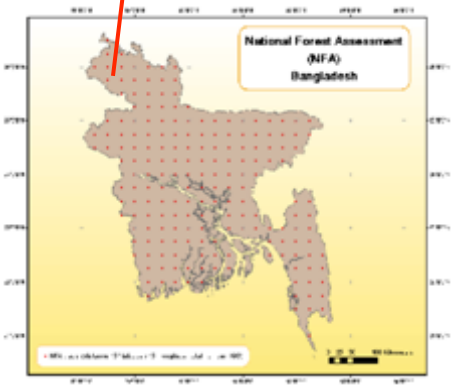


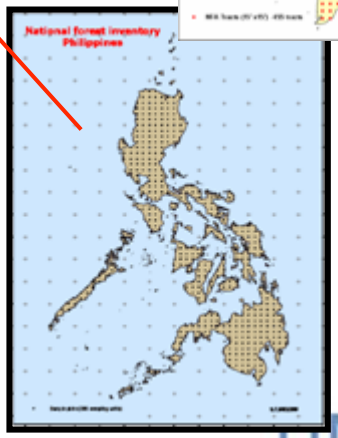












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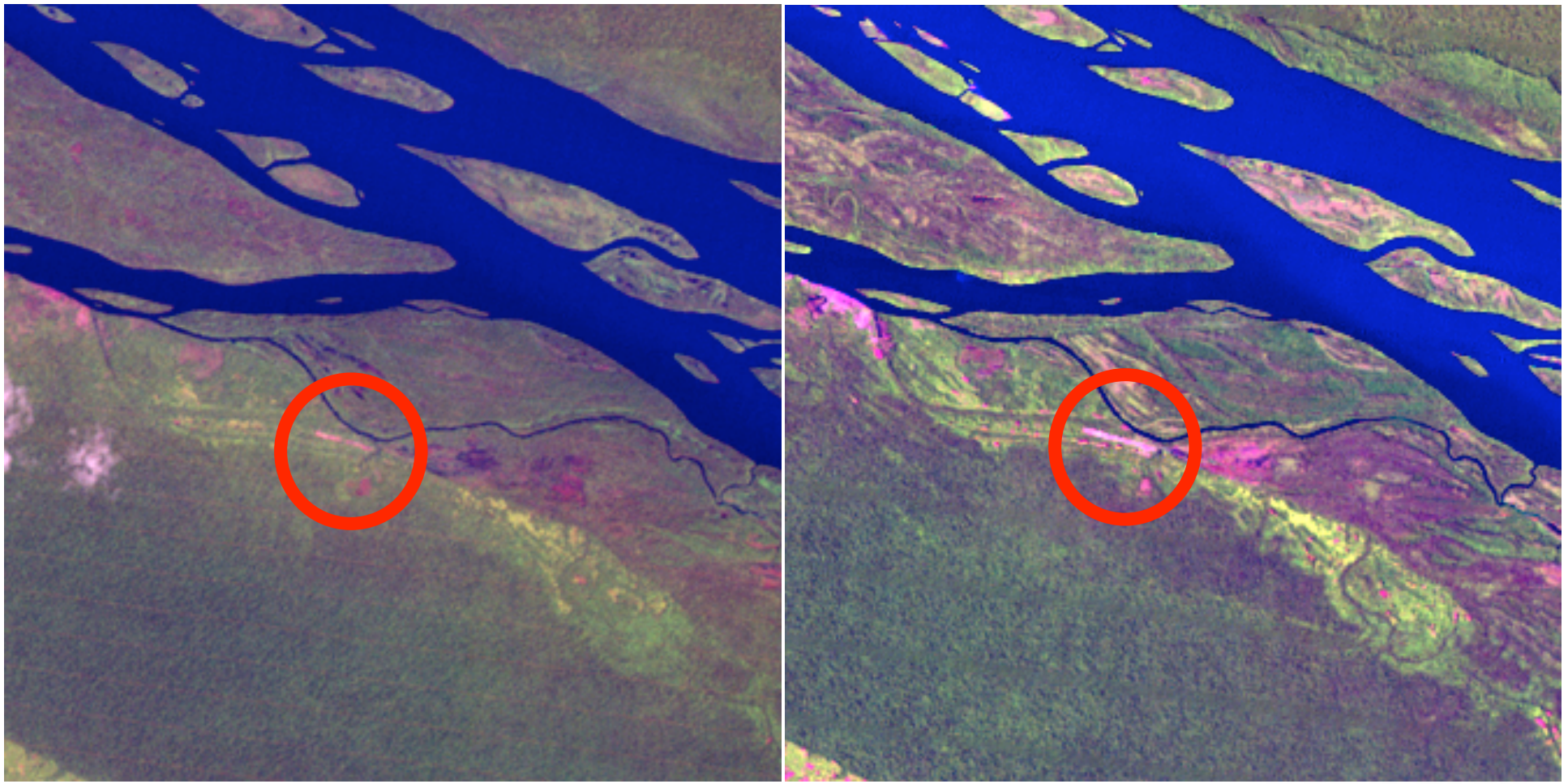
DRC 1990 - 2005



10 km

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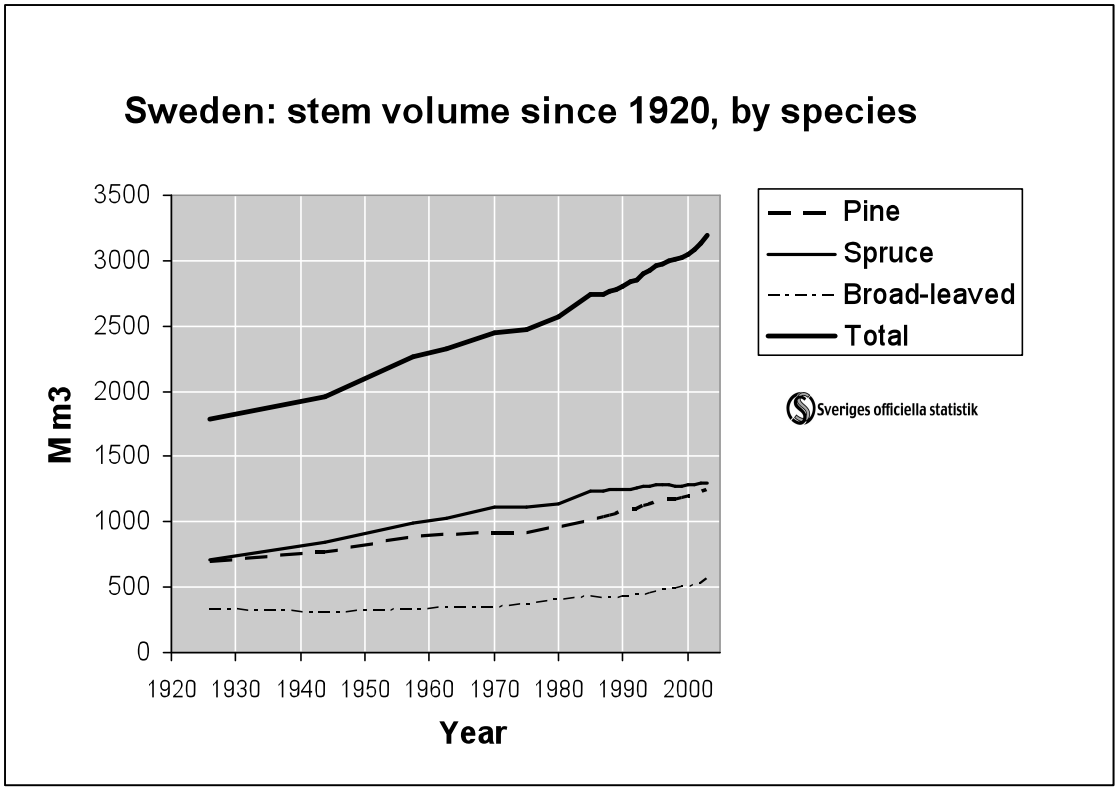
Long-term Institutional needs



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