

A lush green forest with a small stream in the foreground. The stream is covered with green lily pads and surrounded by tall grasses and reeds. The background is filled with tall, thin trees and dense foliage, creating a vibrant green scene.

Nature-based Climate Solutions and Forests

Bonn
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CAN Ecosystems

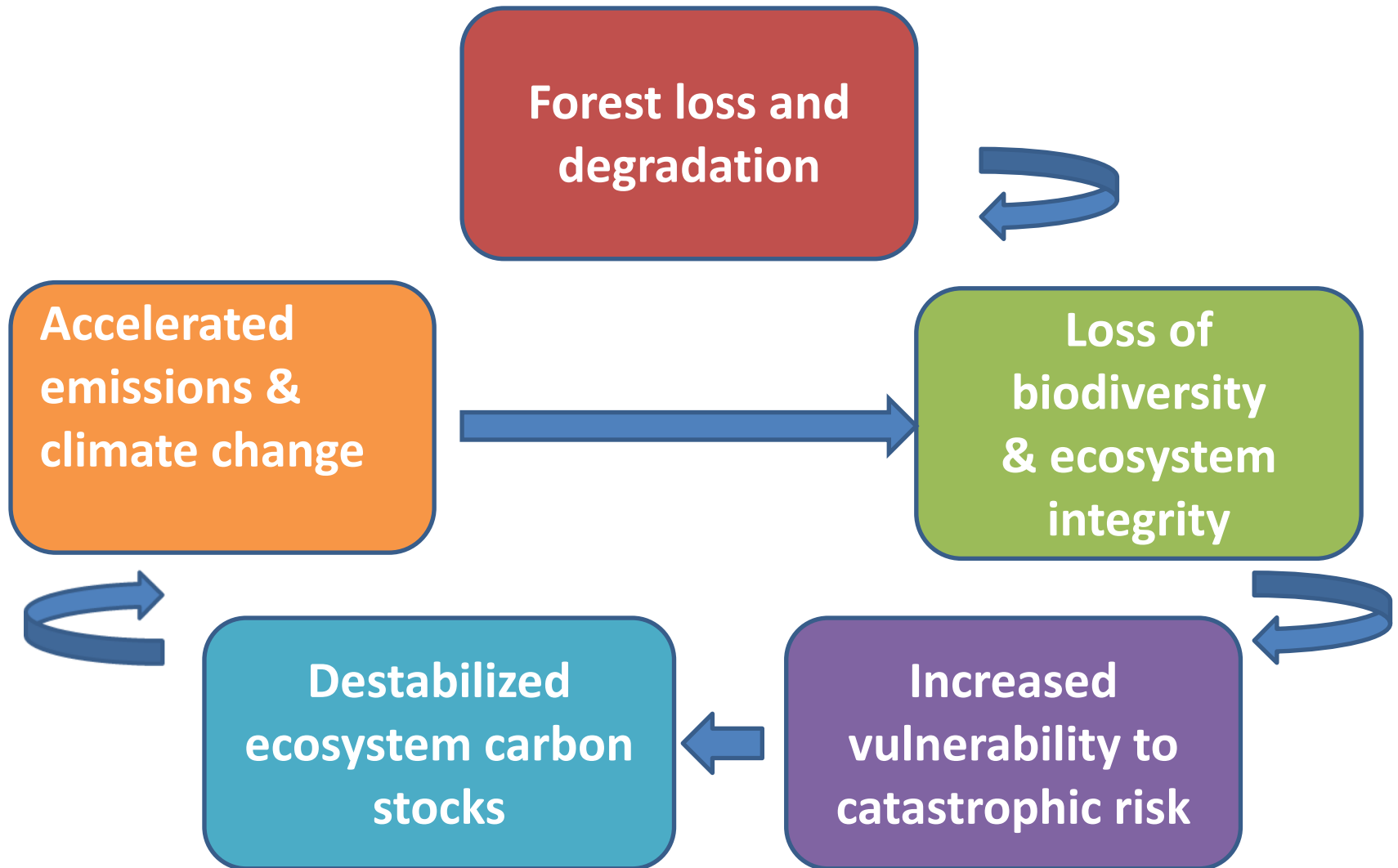
CAN Ecosystems priority messages:

- Halting biodiversity loss and maintaining and restoring ecosystems are essential for achieving 1.5°C
- Mitigating climate change helps sustain the natural systems and the services they provide that our societies and economies rely on

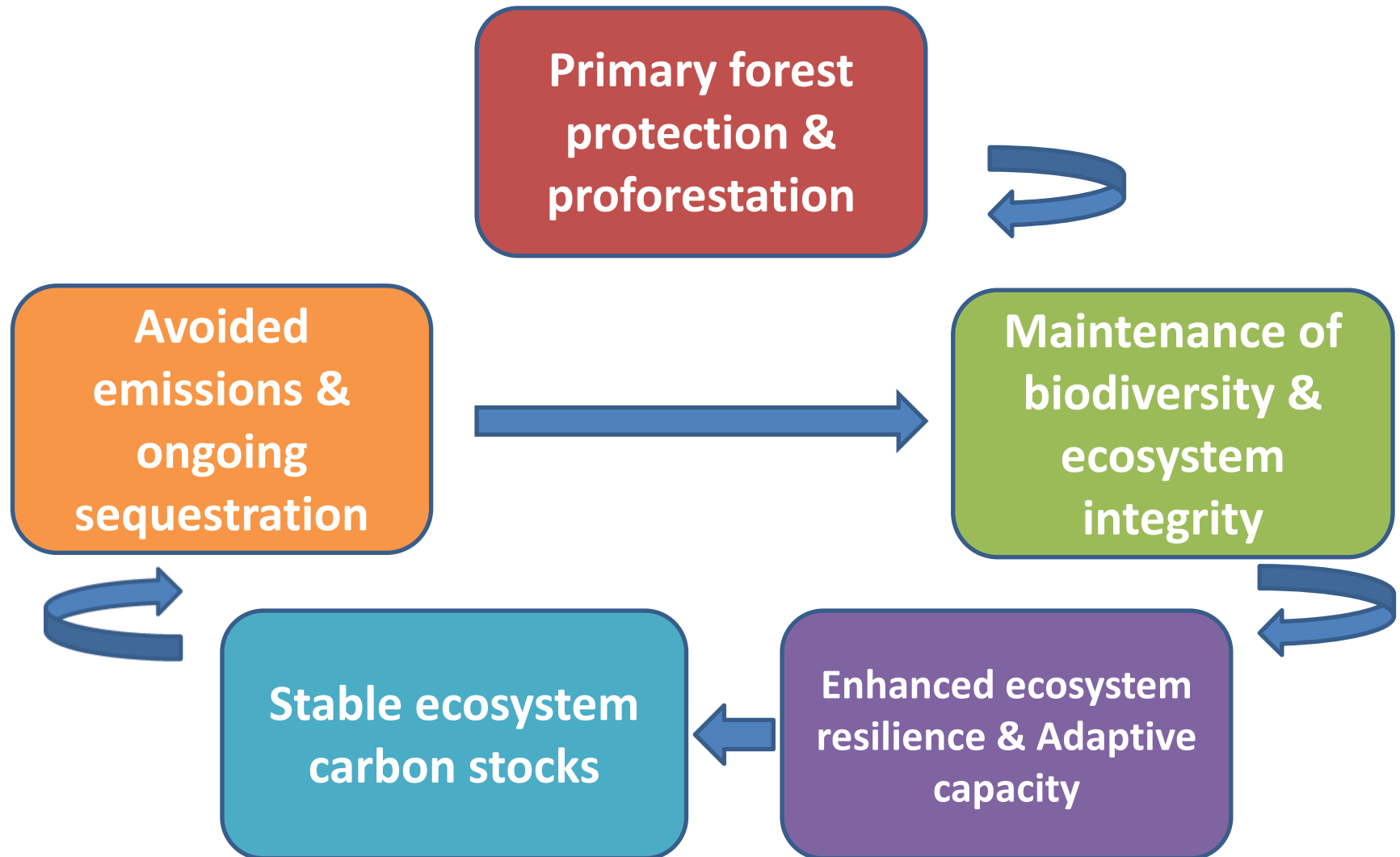
Nature-based Solutions in enhanced NDCs

- Nature-based solutions can contribute **over a third of the gap to 1.5°C**
- Prioritise protecting primary, intact ecosystems; restoring degraded ecosystems; reconnecting primary ecosystems; implementing agroecology
- Important for **mitigation** and not only adaptation (as often misconstrued)
- Vital for **developed** countries & temperate and boreal ecosystems – **not only** tropical ecosystems in **developing** countries

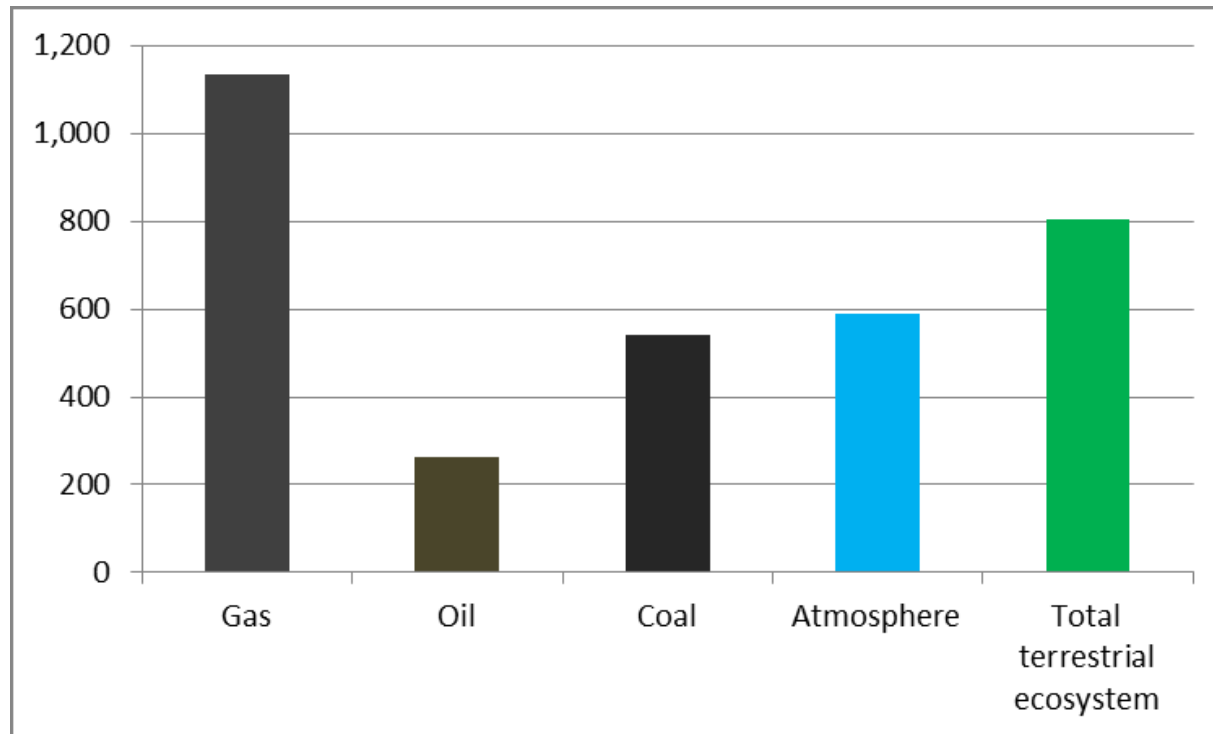
Current policies reinforce feedbacks causing “downward spiral”



Policies needed that support feedbacks causing an “upwards spiral”



No climate solution without forest protection & proforestation



Sources: IPCC AR5 WGI 2014; House et al. (2002) *Glob. Change Biol.* **8**, 1047–1052

Intact Forests : Proforestation Mitigates Climate Change and Serves the Greatest Good

Proforestation: allowing older forests to continue growing to reach their biological sequestration potential, sometimes known as ‘carbon carrying capacity’, and is applicable to all forest types.

Public policy should encourage improved protection and restoration of older primary or intact forests on both public and private land.

Thank you