

ENVIRONMENTAL DEFENSE FUND

REDD: A Hot Topic in the International Climate Treaty Talks

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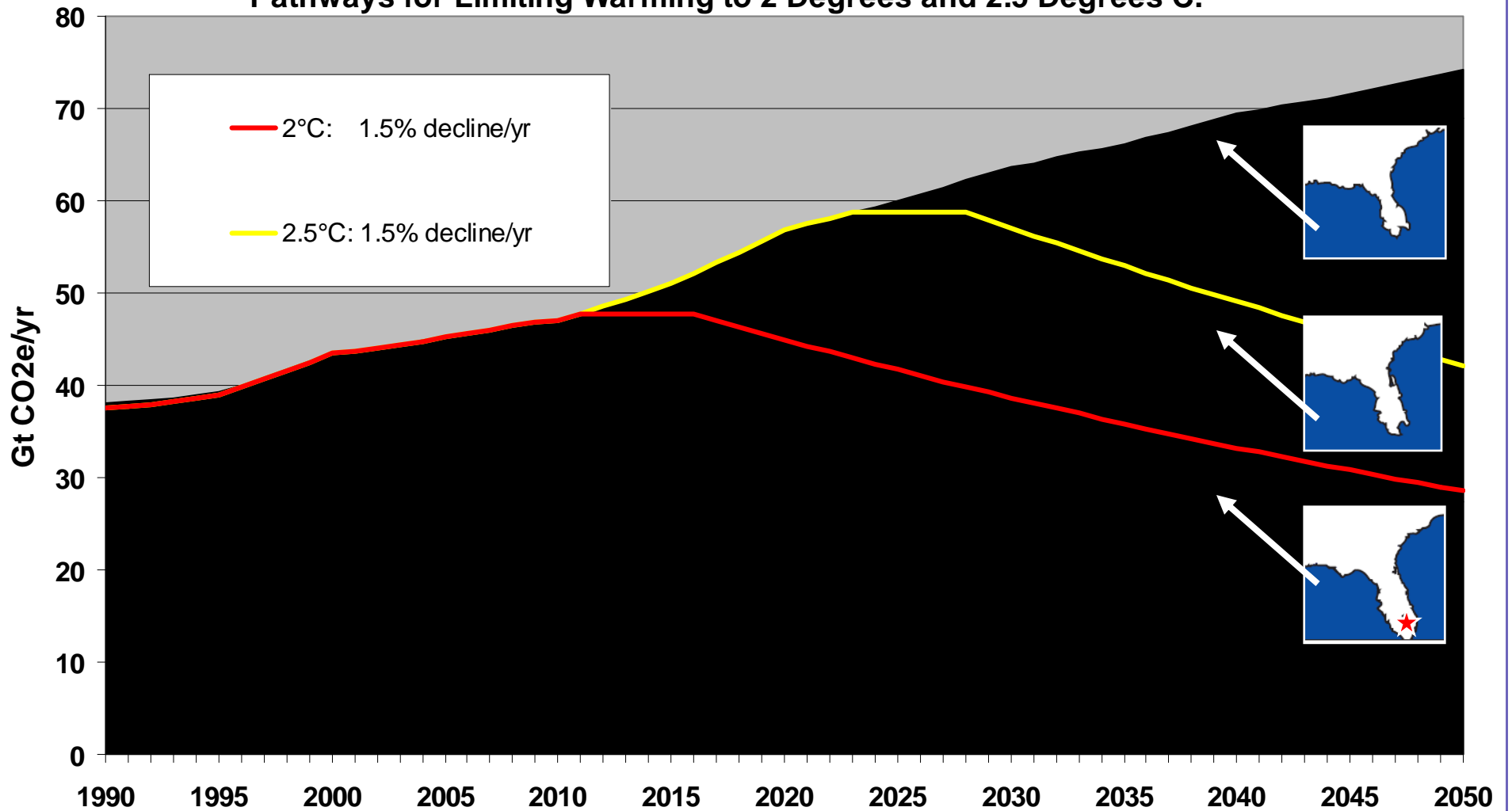


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finding the ways that work

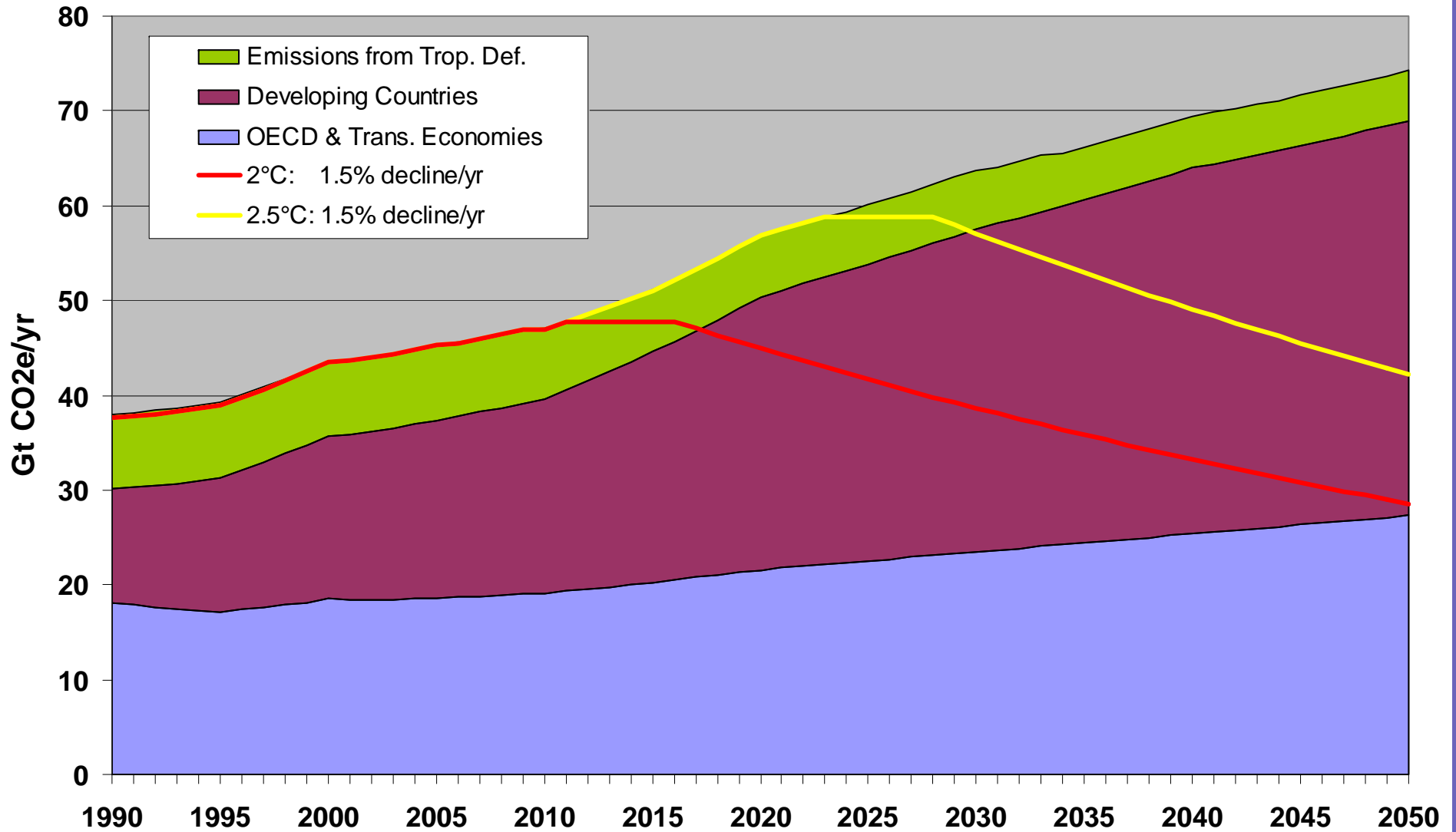
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Global Emissions: Business-as-Usual Forecast Compared to Emissions Pathways for Limiting Warming to 2 Degrees and 2.5 Degrees C.

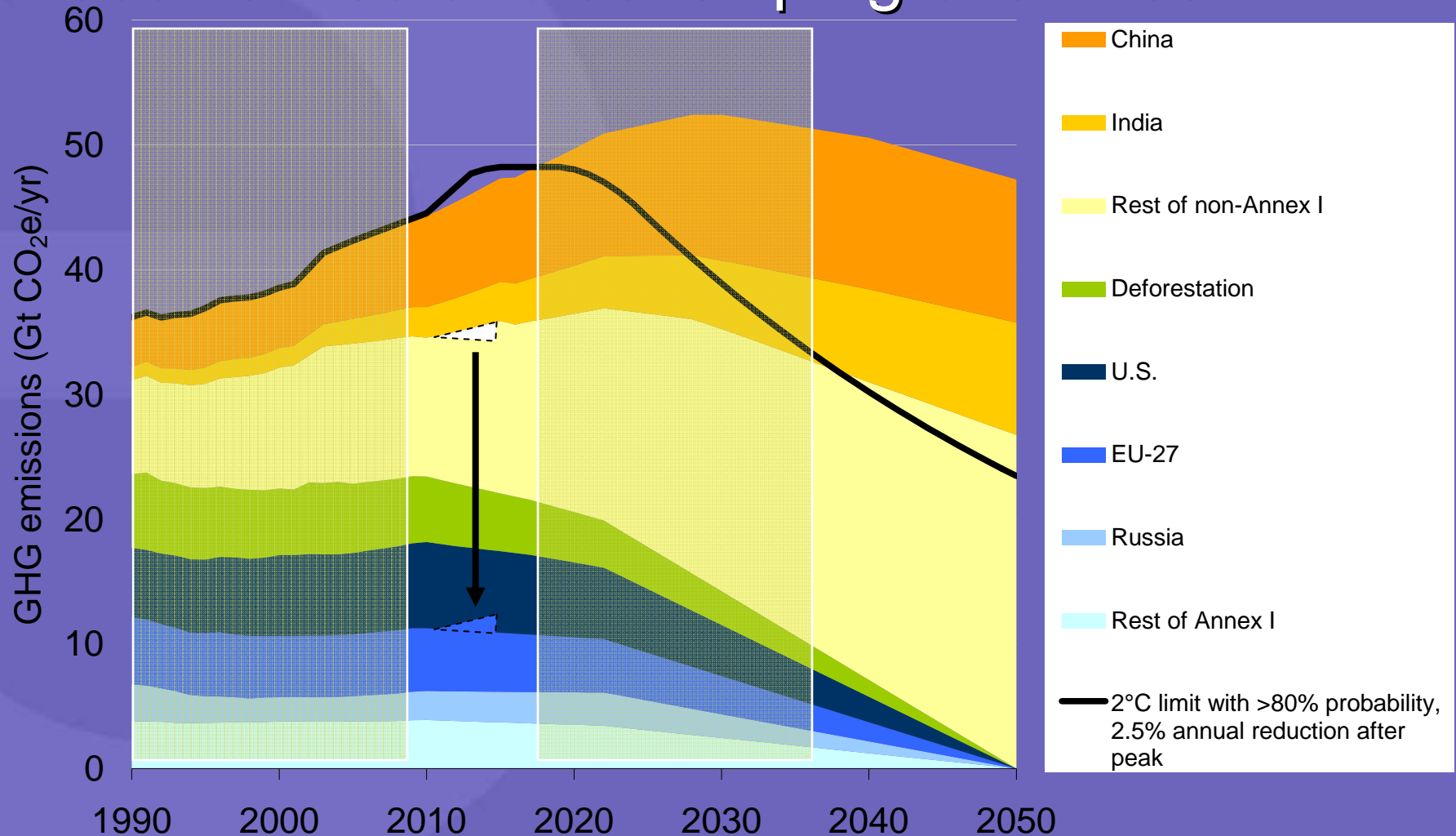


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Global Emissions: Business-as-Usual Forecast by Region



2°C out of reach without reductions by industrialized *and* developing countries

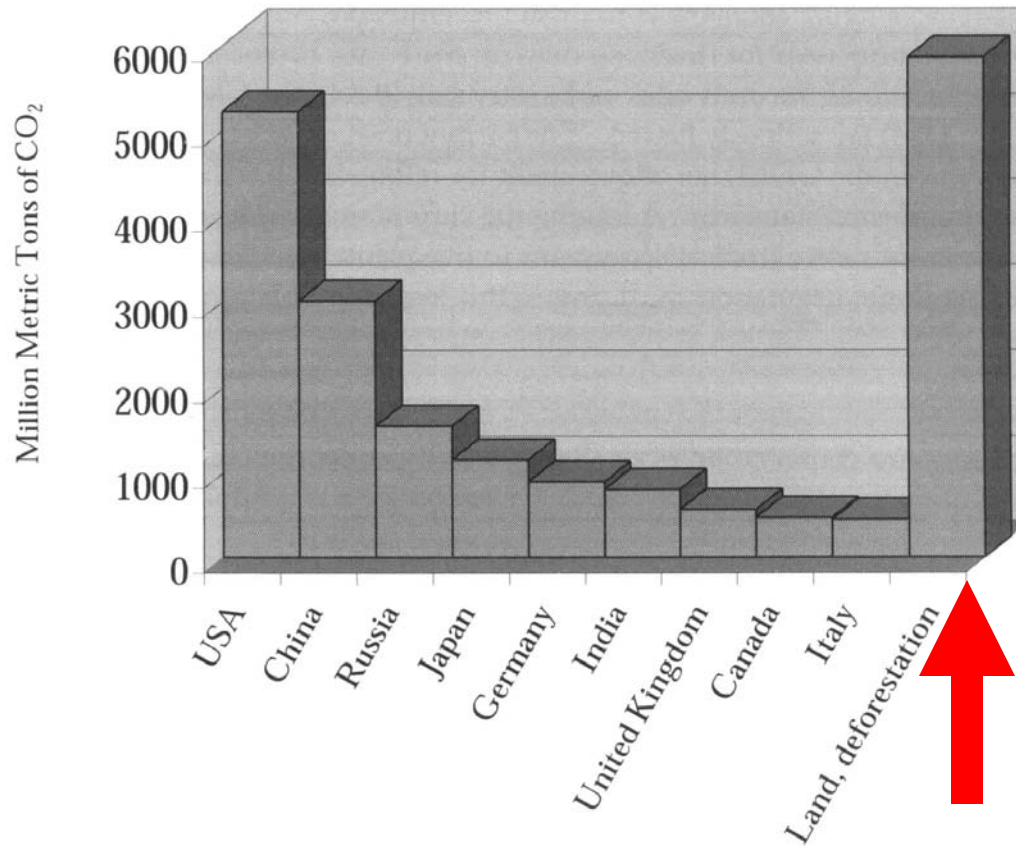


Source: POLES projections, EDF analysis (see Appendix A)

Clean Development Mechanism inadequate to the task

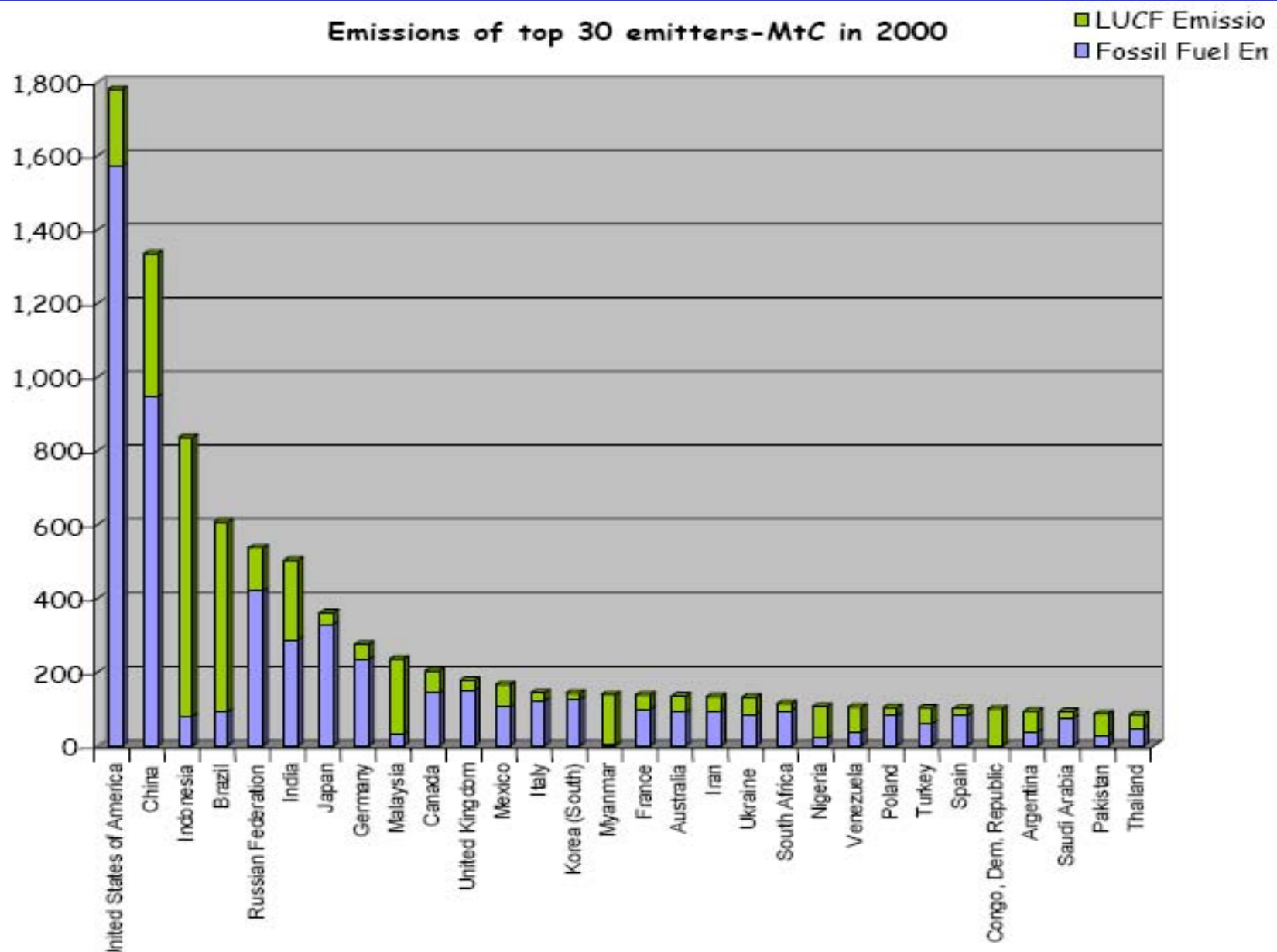
Why REDD?

Comparison of Mean Annual Deforestation Emissions (1989-1995) to Fossil Fuel Emissions from Selected Countries (1995) source: IPCC SR-LULUCF; UNFCCC

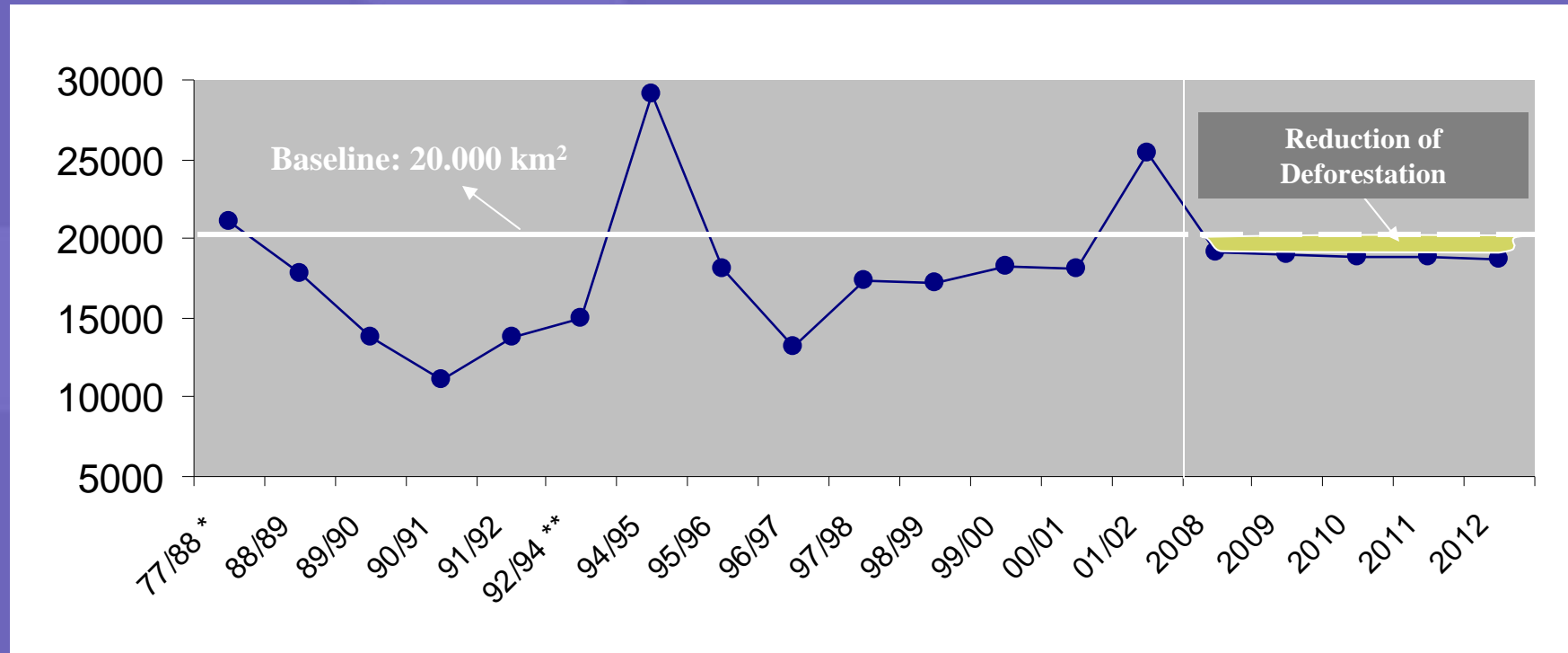


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Emissions of top 30 emitters-MtC in 2000



Reducing Emissions from Deforestation: Carbon Markets



Source: INPE 2003

* Decade mean

** Biennium mean



% reduction of deforestation = ~ 5%

Avoided Emission: mean of 12
Million Tons C/yr

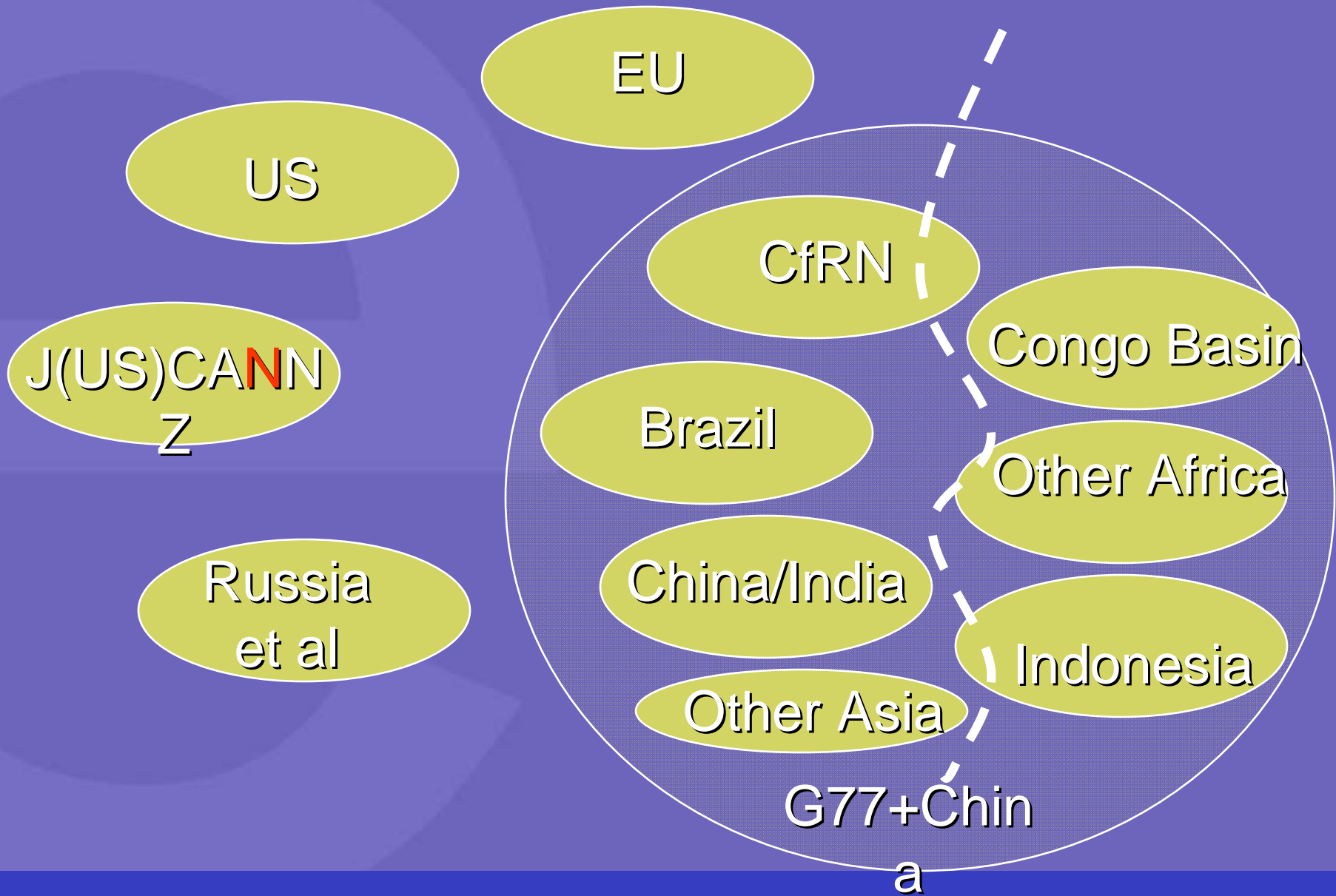
Importance of REDD & Banking

- Modeling results: (WITCH) All forests, with banking: (550 CO₂eq; Annex I- 30% below 1990 by 2020, - 60% by 2050)
 - 18% price moderation by 2050
 - Reduces investment in some energy technologies by at most 8%; slight increase in investment in CCS (!)
 - Practical experience (SO₂, EU-ETS pilot phase (no banking); Kyoto/Russia...)
- Bottom line: REDD allows tighter targets (e.g. 520 ppm CO₂eq) for same cost as weaker targets (550 ppm CO₂eq) without REDD

Current Status & A Bit of History: Climate Treaty Talks

- Earliest possible participation of all major emitters in absolute emission reductions is essential to avert dangerous climate change (2 degrees C).
- Kyoto Protocol excluded REDD; KP difficult to amend; does not “welcome” new participants
- Annex I/Non-Annex I bifurcation is not the norm in environmental treaties
- Legacy of Byrd-Hagel still stalks Capitol Hill, Admin
- Various countries/groupings want REDD at center stage for December 2009 Copenhagen meeting

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“Docking Stations” into carbon markets

Industrialized countries
via linkage mechanism

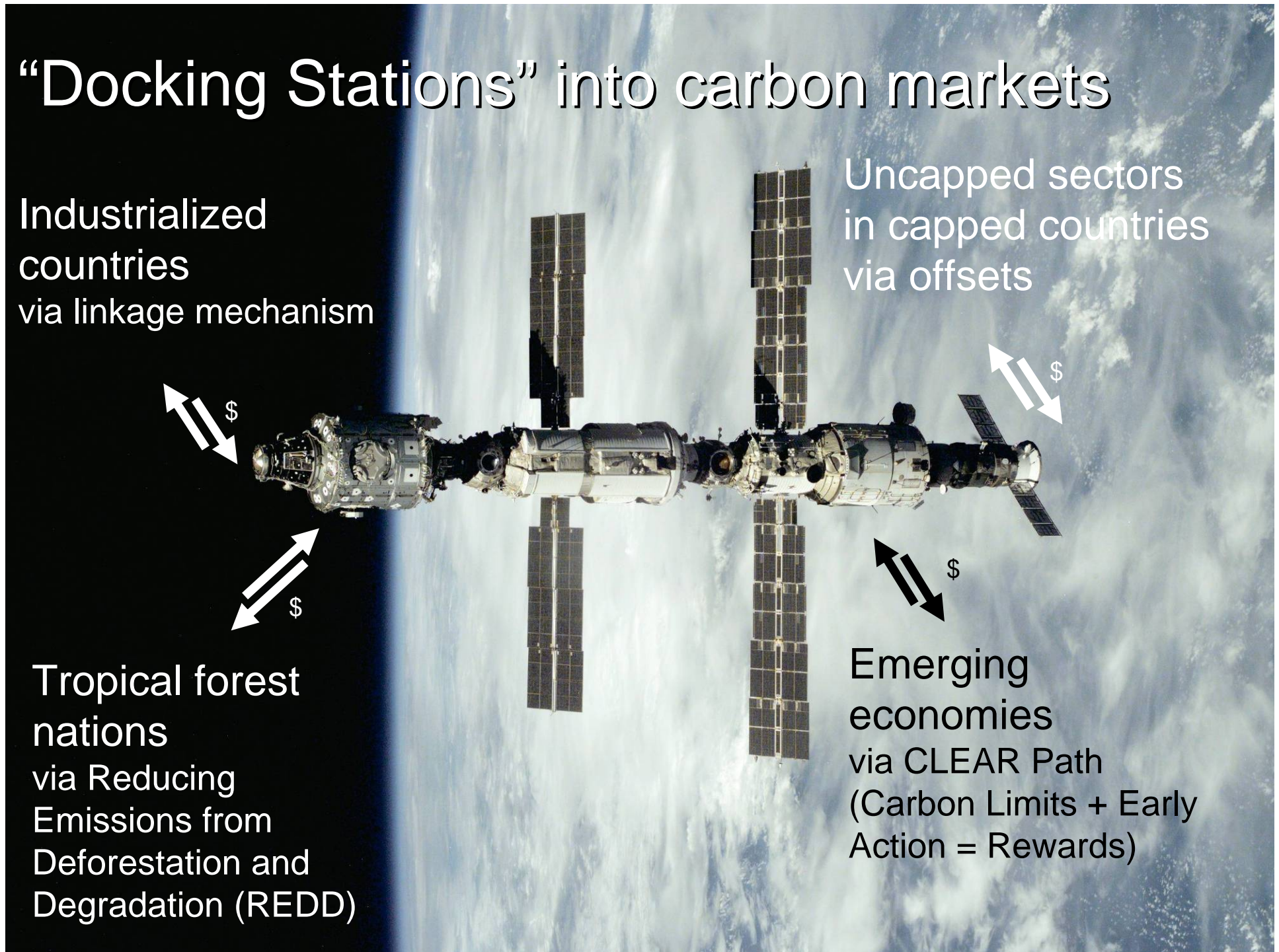


Tropical forest nations
via Reducing Emissions from Deforestation and Degradation (REDD)

Uncapped sectors in capped countries
via offsets



Emerging economies
via CLEAR Path
(Carbon Limits + Early Action = Rewards)



Docking Stations: Key Elements

- Cap on Total Emissions in key sectors
- Measurement, Reporting, Verification, Tracking, Registries
- Fungibility
- Institutional Infrastructure
- Accountability & Independent Oversight
- Durability, Consistency

Status of International REDD Discussions – In Progress

- UNFCCC
 - Technical Workshops /SBSTA
 - Policy Frameworks – AWG?
 - Policy/Legal Options (Decision, Agreement)
- National/Regional Trading Systems
 - EU, US
- US policy – Congress, Administration ?

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Any Questions?

www.edf.org