

# NESTING REDD+ WITH SUBNATIONAL REGISTRIES

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# Plan A *versus* Plan B

## **Plan A**

- Global comprehensive cap & trade
  - Clear & consistent rules
  - Clear demand for offsets
  - Trades organized and tracked on registries
- This did not happen.
- It may never happen. Let's be honest – the prospects for robust UNFCCC REDD+ demand is tenuous at best.
- We're in Plan B, maybe for awhile.

# Plan B for REDD+

- Hobbling together successes, primarily with public finance, in a holding pattern
- Waiting for UNFCCC, VCS, CA, others
  - No clear international (compliant) demand
  - Plethora of non-UNFCCC REDD+ systems
    - we may not get the genie back in a bottle
  - Limited project (voluntary) demand
- Subnational jurisdictions are key to make **Plan B look more like Plan A**

# Subnational REDD+

## Importance

- Subnational REDD+: A key transition
  - Projects and offsets (old world) → National carbon accounting and pledges (new world)
  - Voluntary carbon → **Various** outlets
- Major subnational REDD+ progress in:
  - UNFCCC (COP 15 and COP16 text)
  - CA (demand small, signal vital)
  - GCF
  - VCS and CAR emerging programs

# Subnational REDD+

## “The Nesting Zone”

- Tie project, local, state actions to national programs & international finance
- States/provinces control:
  - Land use plans, zoning, tenure issues
  - Forest laws, forests, concessions, community forestry & enforcement
  - Civil infrastructure, social services, welfare
- Subnational REDD+ requires nesting
- Nesting needs registries

# What is a GHG registry?

- Systems that track GHG allowances or offsets created by specific actions, during specific times (vintages) pursuant to specific rules (what rules?)
- Computer databases that track creation, purchase, retirement and management of emissions reductions issued by regulatory or voluntary systems

# Examples of Registries

- Kyoto Protocol International Transaction Log (ITL) and Compilation Accounting Database (CAD) (**national**)
- CDM registry (**project**)
- UNFCCC (post-2012) **N**AMA registry\*
- Voluntary **project** programs – next slide
- Brazil Registry for Socio-Environmental Responsibility (**project**)

**Table 5-1**  
**Voluntary Carbon Offset Standards and Associated Registries**

Registry Standard	APX Voluntary Carbon Standard <sup>57</sup>	TZ1 Markit <sup>58</sup>	Caisse des Dépôts VCS <sup>59</sup>	Blue Registry <sup>60</sup>	Gold Standard <sup>61</sup>	Climate Action Reserve <sup>62</sup>	Chicago Climate Exchange <sup>63</sup>	American Carbon Registry <sup>64</sup>
Voluntary Carbon Standard	X	X	X	X		X		X
Gold Standard VCS	X				X			
Carbon Platinum								
CarbonFix		X						
CCBS		X						
PlanVivo		X						
Chicago Climate Exchange							X	
Social Carbon		X						
American Carbon Registry		X				X		X
Cosain		X						
Green-E Climate		X						
Brasil Mata Vivo		X						
Climate Action Reserve	X							
VER Plus				X				

Source: EPRI, 2010. Brazil's Emerging Sectoral Framework for Reducing Emissions from Deforestation and Degradation and the Potential to Deliver Greenhouse Gas Emissions Reductions from Avoided Deforestation in the Amazon's Xingu River Basin. Report # 1021606. EPRI, Palo Alto, CA



# Subnational REDD+ registries

- They don't exist yet
- States/provinces have many elements already in place, especially the GCF Database
- An opportunity to iteratively define nesting systems
- Don't think traditional GHG registry
- Reality checks important –theoretical registries impossible to build.

# Goals of subnational RED+ registries

- Combine:
  - Land use ownership, planning & zoning
  - Carbon accounting
- Align:
  - Sub-NAMAs with national programs (e.g., Amazon Fund)
  - State programs or projects with international finance and projects
- Provide rules and standards for nesting

# Ideal subnational REDD+ Registry Attributes

- Ownership and tenure
- Land cover data in discreet classes
- Carbon stock information (mean and uncertainty)
- Legal compliance and national harmony
- Status of projects or programs (needs, supported, validated, verified, sold)
- Spatially-explicit, trackable information

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