

# Comparison of Forest Carbon Standards in the Voluntary Carbon Market

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Side Event  
The future of climate forestation projects

by  
Eduard Merger  
[eduard.merger@googlemail.com](mailto:eduard.merger@googlemail.com)



# References

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## Background



- Co-benefits for land-based projects
- No CO<sub>2</sub>-certificates



- Only Afforestation/Reforestation (A/R) projects
- Aiming practicability, co-benefits & transparency



- A/R, REDD, IFM, ALM projects
- Focus on market innovation & credibility



- Grassroot community forestry projects

## Background



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RESERVE

- For North American forest projects
- Potential inclusion in the national cap-and-trade system

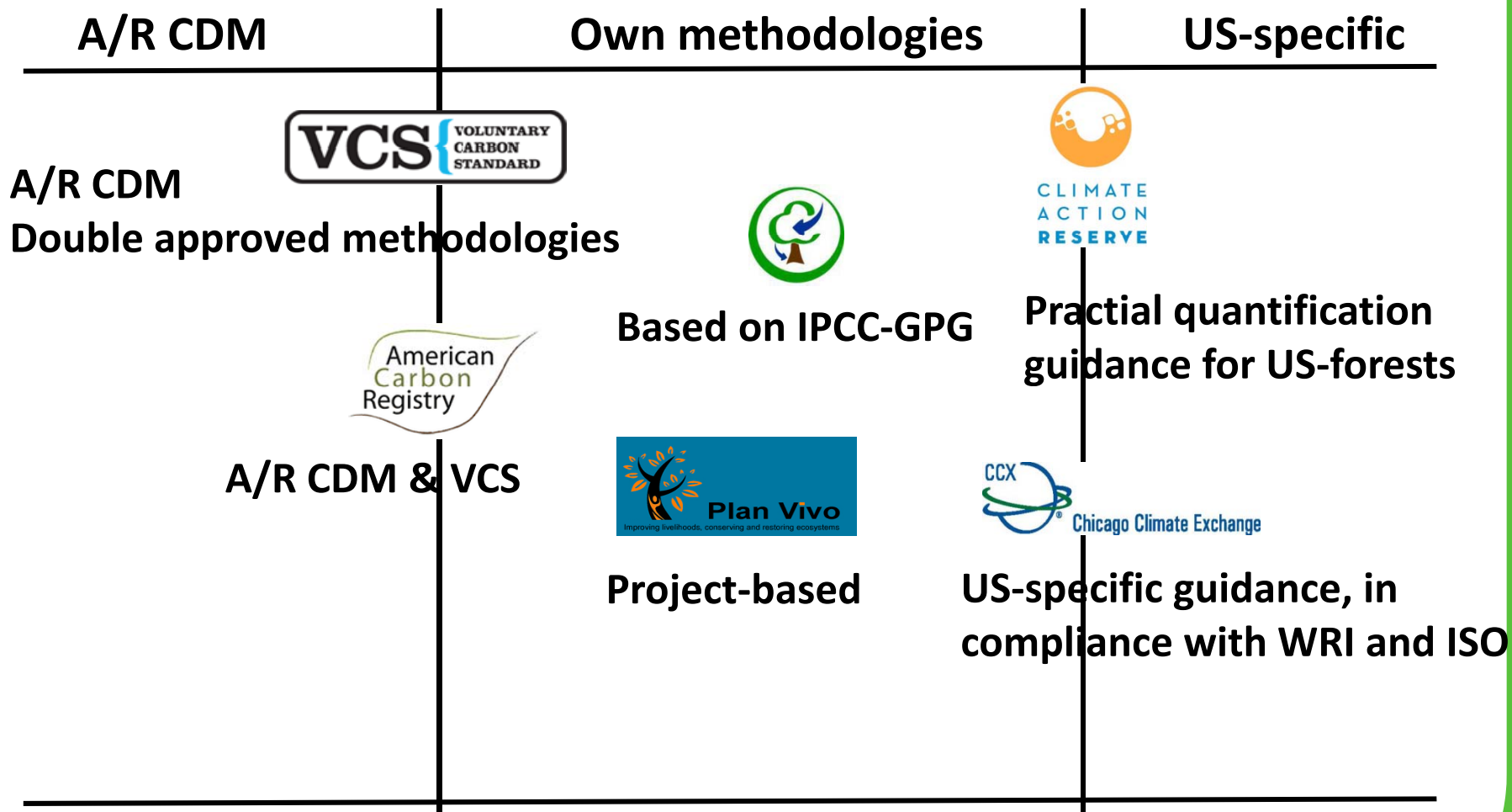


- For the US voluntary and pre-compliance market
- Tools from VCS & A/R CDM



- For the voluntary and legally binding ETS in the US
- Cost-effective emission reductions

# CO<sub>2</sub>-Quantification approaches



Depends on ancillary carbon accounting standard

# Permanence

## Fixed buffer



30 % & obligatory replacement planting



20 %

## Flexible buffer



10-60 %, based on risk assessment



Risk assessment tool of VCS



Risk assessment



Minimum 10 %, experts' assessment



Depends on ancillary carbon accounting standard

# Co-benefits

High level



- Highest level of co-benefits

- Basic socio-economic and environmental benefits



- Sustainable land use by poor communities

- National Environmental Regulations & e.g. FSC



- PEFC or FSC or other certification schemes

- No co-benefits



- No co-benefits

No co-benefits



# Practicability

Practical

- Most practical standard
- Well explained project procedures & well applicable



- Clear, easy to follow & to apply
- US-specific



- Provision of carbon accumulation tables and conversion factors
- US-specific

- Partnerships required
- 



- Significant scientific input

- Similar to A/R CDM
- Significant expertise & upfront investment



- Rests on other standards (VCS, A/R CDM, CCBS)

Not practical

# Registries

Multiple Registry

markit

Own Registry



- markit
- APX
- Caisse des Depots



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- Climate Registry



- American Carbon Registry (ACR)



- CCX Registry



- Depends on ancillary carbon accounting standard

# tCO<sub>2</sub>-Price indications



Premium prices



8 - 10 US\$



5 - 8 US\$

Price



0.10 - 5 US\$



# Summary & Recommendations



→ A/R projects outside US



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→ Forest projects in US

Co-benefits

Permanence



→ Large scale projects



→ Large scale projects

Practicability

Price

**Thank you for your attention!**

**Eduard Merger**

**[eduard.merger@googlemail.com](mailto:eduard.merger@googlemail.com)**