## Ten Main Differences between GHG Validation and GHG Verification

\*connectedthinking

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## Introduction

Validation and verification: two terms used with

Often used synonymously, but there are important differences. Misuse results in confusion.

This is not intended to be an exhaustive list.

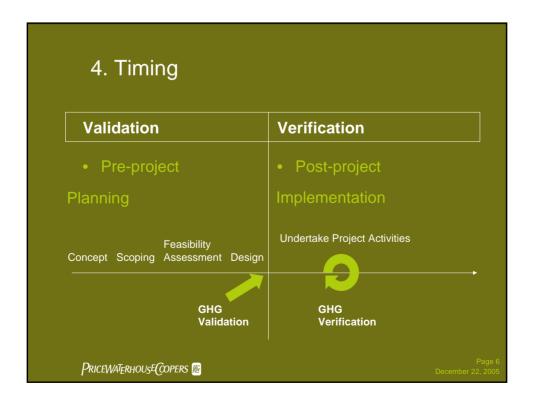
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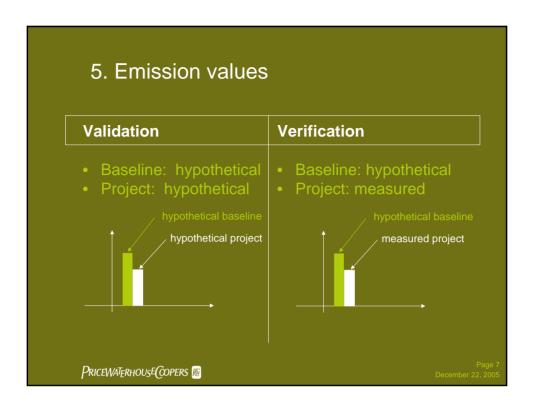
Validation	Verification
<ul> <li>Assess calculations of potential GHG emission reductions and removals</li> </ul>	Assess calculations of actual GHG emissions
<ul><li>Future oriented</li><li>What might happen</li></ul>	<ul><li>Past oriented</li><li>What has happened</li></ul>

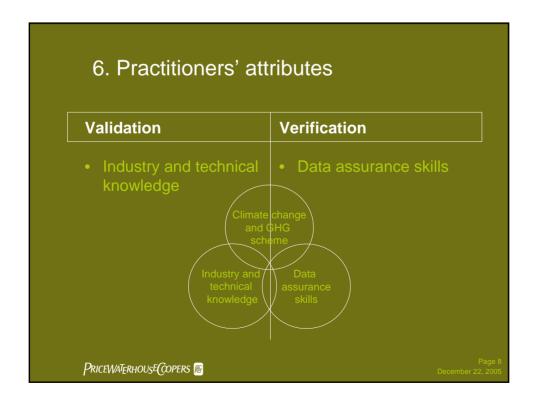
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Validation	Verification
<ul><li>Baseline</li><li>Project</li></ul>	<ul> <li>Emissions data</li> <li>Conformance to verification criteria</li> </ul>

Validation	Verification
<ul> <li>Project and baseline justification</li> <li>Underlying assumptions and logic of project</li> </ul>	<ul> <li>Data integrity</li> <li>Consistency with project plan</li> </ul>







Validation	Verification
<ul> <li>Project designers and implementers</li> </ul>	Project operators and maintenance

Validation	Verification
• Adequacy of disclosure	Accuracy and completeness of data

Validation	Verification
• Comfort	Reasonable/limited assurance

10. Frequency	
Validation	Verification
• Once	Periodically over life of project
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## Conclusion

GHG validation and verification are related concepts, but there are important differences in terms of:

- 1. Purpose
- Subject matter
- 3. Focus
- 4. Timing
- Emission values
- 6. Practitioners' attributes
- Information providers
- Focus of deliverables
- 9. Level of assurance
- 10.Frequency

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## ?? QUESTIONS ?? christine.schuh@ca.pwc.com PRICEWATERHOUSECOPERS ™