



C3 is a not-for-profit organization that designs and delivers energy efficiency programs and services to residential, commercial, and corporate customers.



# C3 (Climate Change Central)

Our vision is a world powered by efficiency and clean energy and we work to strategically remove barriers hindering that transformation.

C3 also assists AEW in delivering the offset system by:

- Providing access and operation of the AEOR
- Providing information and outreach
- Facilitating protocol development
- Carbon Offset Solutions website
  - [www.carbonoffsetsolutions.ca](http://www.carbonoffsetsolutions.ca)

# Agenda

- Webinar Basics
- Background on Protocol Development
- Progress to Date
- Presentation from Protocol Developer

# Webinar Basics

- Please mute your line
- Raise your hand – on the Right Hand Side of the Screen – we'll pause at the end of the slide and identify individuals with questions (remember to take your line off mute!)

# CCS Protocol Progress to Date

- Intent to Develop a Protocol – Mid 2011
- Three part technical Review – Fall 2011 (Minutes online)
- Public Posting Period – December 12, 2011 – January 12, 2012
- Stakeholder Webinar – January 19, 2012

# ISO 14064-2 Principles

1. **Relevance** - select GHG sources and sinks, emission factors and formulae appropriate to the environmental integrity of the protocol.
2. **Completeness** - should consider all relevant GHG emissions and removals. Relevant information used to support decisions made in the quantification process should be transparently documented.
3. **Consistency** - to ensure meaningful comparison of GHG-related information. In particular, like emissions need to be compared in baseline and project scenarios - 'Functional equivalence'.
4. **Accuracy** - reduce bias and uncertainties as far as practical; rely on IPCC and National Inventory methods as much as possible.
5. **Conservativeness** - conservative assumptions, values and procedures are used to ensure that GHG emission reductions or removal enhancements are not over-estimated.
6. **Transparency** - present your calculations, assumptions and decisions in a clear, upfront manner that facilitates review by reviewers, interested parties, verifiers - ultimately Alberta Environment will need this to accept the protocols.

# AEW's Expectations on Protocols/Process

- Meets regulatory requirements
- Meets policy/program objectives
- Calculation methodologies appropriate
- Protocol is additional to BAU and regulatory requirements
- Appropriate stakeholders being consulted
- AEW – due diligence with member Depts/Agencies

# Principles Guiding the Review

## 1. Environmental Integrity

- Solid technical context upstream, downstream and at project site

## 2. Usability

- Must be a balance between being practical and having integrity

## 3. Adapting from others

- If techniques/approaches are being used elsewhere (CDM, JI, other systems) and are applicable here

## 4. Streamlined Life Cycle

- ISO 14064 process, consider all potential sources and sinks in the technical review

A close-up photograph of a child's hand raised in the air. The hand is open, with fingers spread, and is positioned in the upper right quadrant of the frame. The child is wearing a green and white striped long-sleeved shirt. The background is a blurred classroom environment with wooden paneling and a whiteboard. The word "Questions" is overlaid in white text on the left side of the image.

Questions

Sustained objection?

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@C3EIC

