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## Adapting Offset Protocols for Ontario, Québec, and Other Jurisdictions

January 11, 2017

# Agenda



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- Objective of the project
- Approach to adapting protocols
- Key elements
- Basic steps of the work plan
- Schedule
- Technical team supporting Ontario and Québec
- Questions?

# 13 Protocols To Be Adapted



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- Three Priority Protocols
  - Landfill Gas Capture and Destruction
  - Mine Methane Capture and Destruction
  - Ozone Depleting Substances Capture and Destruction

# Protocols to Adapt (Continued)



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- Ten Remaining Protocols
  - N<sub>2</sub>O Reductions from Fertilizer Management
  - Emission Reductions from Livestock
  - Organic Waste Digestion
  - Organic Waste Management
  - Forest (reforestation, avoided conversion, and improved forest management)
  - Afforestation
  - Urban Forest
  - Grassland
  - Conservation Cropping
  - Refrigeration Systems



# Main Protocols to Consider

- Review of California and Québec protocols, plus other registry protocols (adopted or in the process of being adopted)
- Additionally, global scan will include review of protocols/methodologies from following programs:
  - Alberta's Specified Gas Emitters Regulation
  - British Columbia Emission Offset Regulation
  - Protocols created by Canada's National Offset Quantification Team and various government departments
  - Regional Greenhouse Gas Initiative
  - Clean Development Mechanism



# Key Attributes For All Protocols

- Each candidate protocol evaluated against WCI criteria defined in *WCI Offset System Essential Elements Final Recommendations Paper*
- WCI Criteria:
  - Real (Quantifiable, Account for Leakage)
  - Additional
  - Permanent
  - Clear Ownership
  - Verifiable
  - Enforceable

# Approach to Adapting Protocols



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- This project is adapting existing protocols, not developing new protocols
- Consistent with evaluation process outlined in *WCI Final Offset Protocol Review and Recommendation Process*

# Key Elements



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- Appropriateness of standardized baselines
  - Reductions must be beyond “business as usual” and the most stringent regulation of the three partner jurisdictions
- Availability of previous protocol development documentation
- Inclusion of appropriate stakeholders and Indigenous communities
- Developing protocols applicable in Ontario and Québec, but also as applicable in the rest of Canada as possible





# Basic Steps for the Work Plan

1. Project kick-off
2. Consulting team begins initial protocol review to identify list of possible protocol candidates
3. Finalize Technical Task Team composition
4. Project work commences for each protocol
5. Detailed protocol review, research, and scoping
  - To identify best candidate protocols – one will be selected by Ontario and Québec for adaptation for each project type
6. Review recommended protocol adaptation candidates with Technical Task Team
  - a) Up to 2-3 protocol candidates make the short list

# Basic Steps (Continued)



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7. Present recommended protocol adaptation candidates to Stakeholder Team
8. Ontario and Québec will make final decision on the protocol candidate(s) to be adapted
  - Selection to be posted for information
9. The Consulting Team drafts a preliminary protocol
10. Draft protocol reviewed and revised based on advice received by Technical Task Team
11. Draft protocol presented to Stakeholder Team for review and feedback
12. The Consulting Team drafts a revised protocol

# Basic Steps (Continued)



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13. Revised protocol considered by Technical Task Team
14. Revised draft protocol presented to Stakeholder Team for review and feedback
15. The Consulting Team drafts a final protocol
16. Draft final protocol released for public comment and engagement, including First Nations engagement
17. Protocol revised based on feedback from public review
18. Final protocol submitted to Ontario and Québec for consideration as a compliance protocol

# Protocols and Initial Schedule



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Number of Months From Project Start	1	2	3	4	5	6	7	8	9	10	11	12
<b>Mine Methane Protocol</b>	Blue	Blue	Blue	Blue								
<b>Ozone Depleting Substances Protocol</b>	Purple	Purple	Purple	Purple								
<b>Landfill Gas Protocol</b>	Yellow	Yellow	Yellow	Yellow								
<b>Conservation Cropping Protocol</b>		Red	Red	Red	Red	Red	Red	Red				
<b>Organic Waste Digestion Protocol</b>		Red	Red	Red	Red	Red	Red	Red				
<b>Forestry Protocol</b>		Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
<b>Afforestation Protocol</b>		Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
<b>Refrigeration Systems Protocol</b>			Purple	Purple	Purple	Purple	Purple	Purple				
<b>Fertilizer Management Protocol</b>			Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
<b>Grasslands Protocol</b>			Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
<b>Emission Reductions from Livestock Protocol</b>				Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
<b>Organic Waste Management Protocol</b>				Red	Red	Red	Red	Red	Red	Red	Red	Red
<b>Urban Forestry Protocol</b>					Green	Green	Green	Green	Green	Green	Green	Green

# Consulting Team for Ontario and Québec



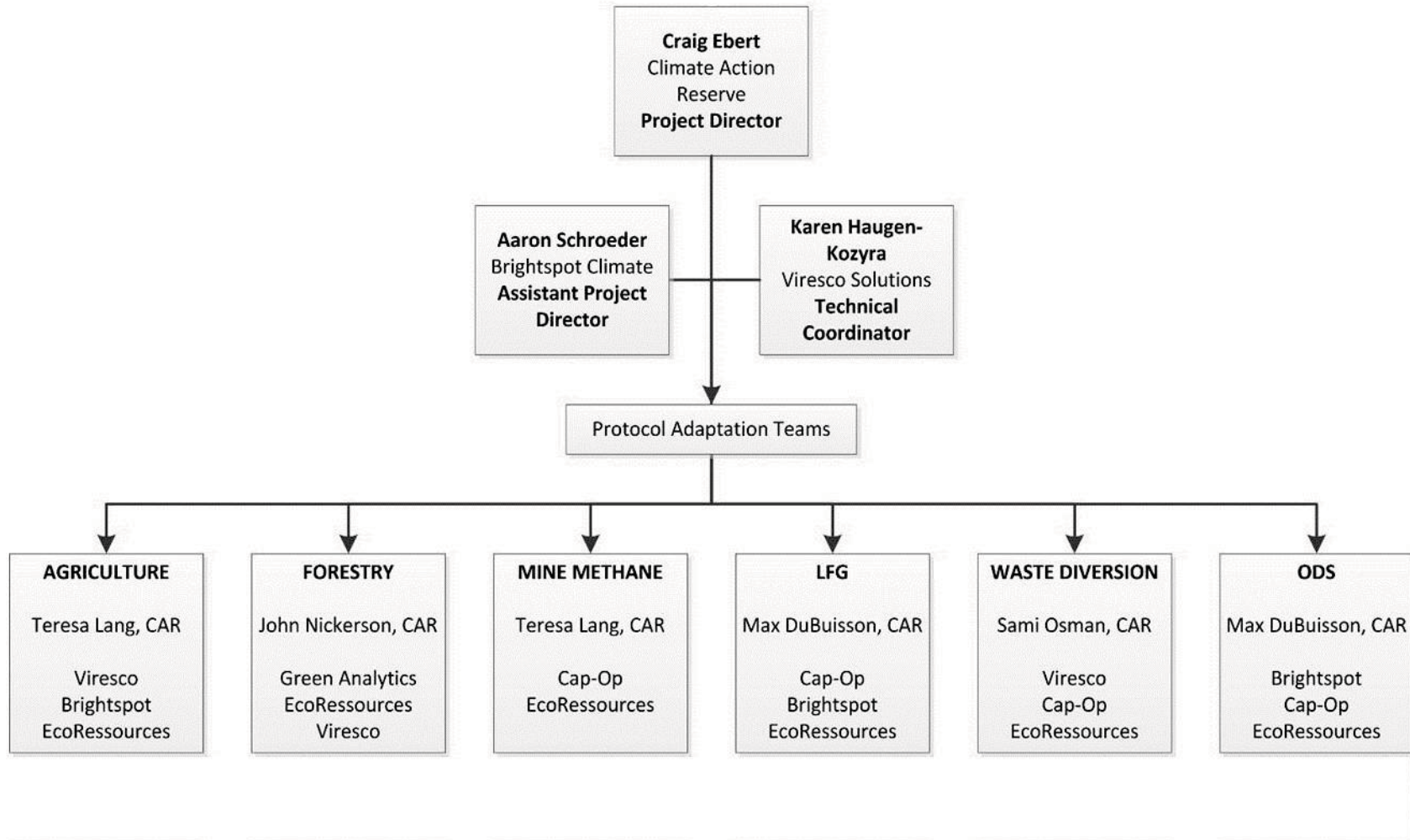
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- Climate Action Reserve (Project Lead)
- Brightspot Climate
- Viresco Solutions
- Green Analytics
- Cap-Op Energy
- EcoRessources

# Consulting Team Structure



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# Groups Involved in the Process



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- Ministry Approval Team – Ontario and Québec government representatives
- Protocol Adaptation Teams (PATs) – Consulting team (as identified on slide 14)
- Technical Task Teams (TTTs) – small, consisting of approx. 25 people, comprising Ontario and Québec ministry representatives and Subject Matter Experts (SMEs)
- Stakeholder Teams (STs) – can be much larger than TTTs, comprising other ministry representatives, provinces, project developers, verifiers, legal experts, Indigenous representatives, industry, and other potential target groups
- Indigenous Communities and Organizations – First Nations-specific webinars and email updates, and continued feedback through engagement sessions
- The General Public – via the public posting for 30-45 days of the draft final protocols

# Roles of the Groups



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- Ministry Approval Team – responsible for identifying and approving members of the TTTs and STs, providing policy and overall direction to the TTTs and PATs, selecting the protocols to be adapted, and approving the final protocols
- Protocol Adaptation Teams (PATs) – responsible for adapting the selected protocols and incorporating the advice of TTTs and STs
- Technical Task Teams (TTTs) – responsible for reviewing the full list of potential protocols and proposing those to be shortlisted, providing technical advice to the PATs for the adaptation of the selected protocols
- Stakeholder Teams (STs) – responsible for reviewing and providing feedback on work undertaken by the TTTs and PATs
- Indigenous Communities and Organizations – may review and provide feedback on work undertaken by the TTTs and STs
- The General Public – public invited to comment on public postings



# Interested in Participating?



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- If you know you are not on the Climate Action Reserve's mailing list and/or have not submitted a Statement of Interest (SOI) form to indicate which protocols are of interest to you, please email your contact information to [policy@climateactionreserve.org](mailto:policy@climateactionreserve.org)



# Questions?

# Contact information



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## CAR:

**CRAIG EBERT**, President

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[www.climateactionreserve.org](http://www.climateactionreserve.org)

## Ontario website:

<https://www.ontario.ca/page/cap-and-trade-offset-credits-and-protocols>

## Québec website:

<http://www.mddelcc.gouv.qc.ca/changements/carbone/credits-compensatoires/index-en.htm>