



# APAS Carbon Summit Carbon Credits 101

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2 April 2019

# APAS Carbon Summit Agenda

1. Saskatchewan Agricultural  
Emissions Profile

2. SSCA's History

3. Politics

4. Basic Challenges

5. History of Trading Offset  
Initiatives

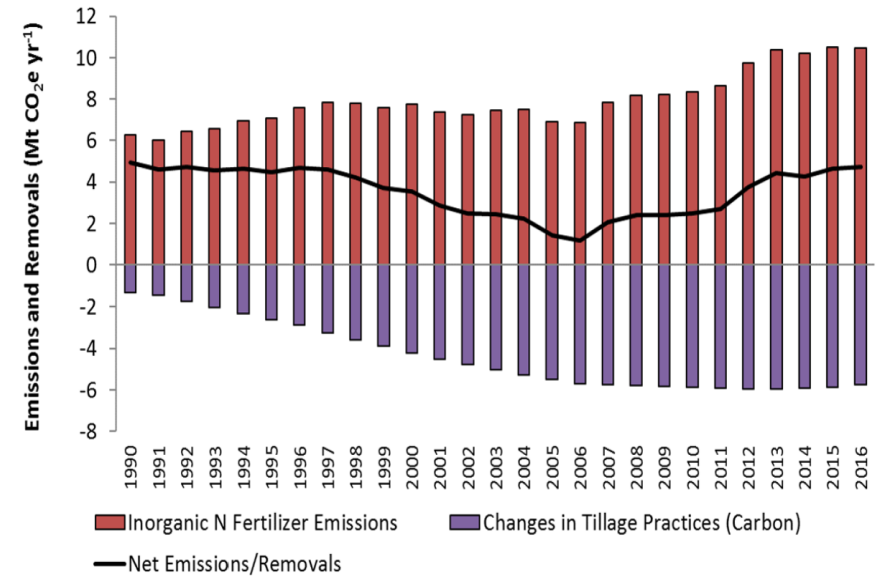
6. Current Status of Offset Policy

7. Conclusions & Questions

# 1. Saskatchewan Agricultural Emissions profile

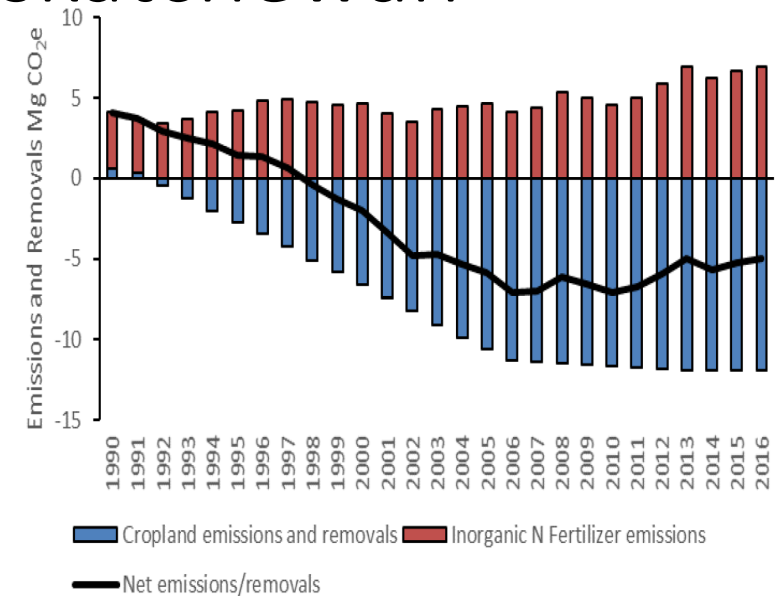
- Without tillage:
  - 2005-2016, 10% increase
  - 1990-2016, 70% increase
- With tillage:
  - 2005-2016, 72% decrease
  - 1990-2016, 5% decrease

## Canada



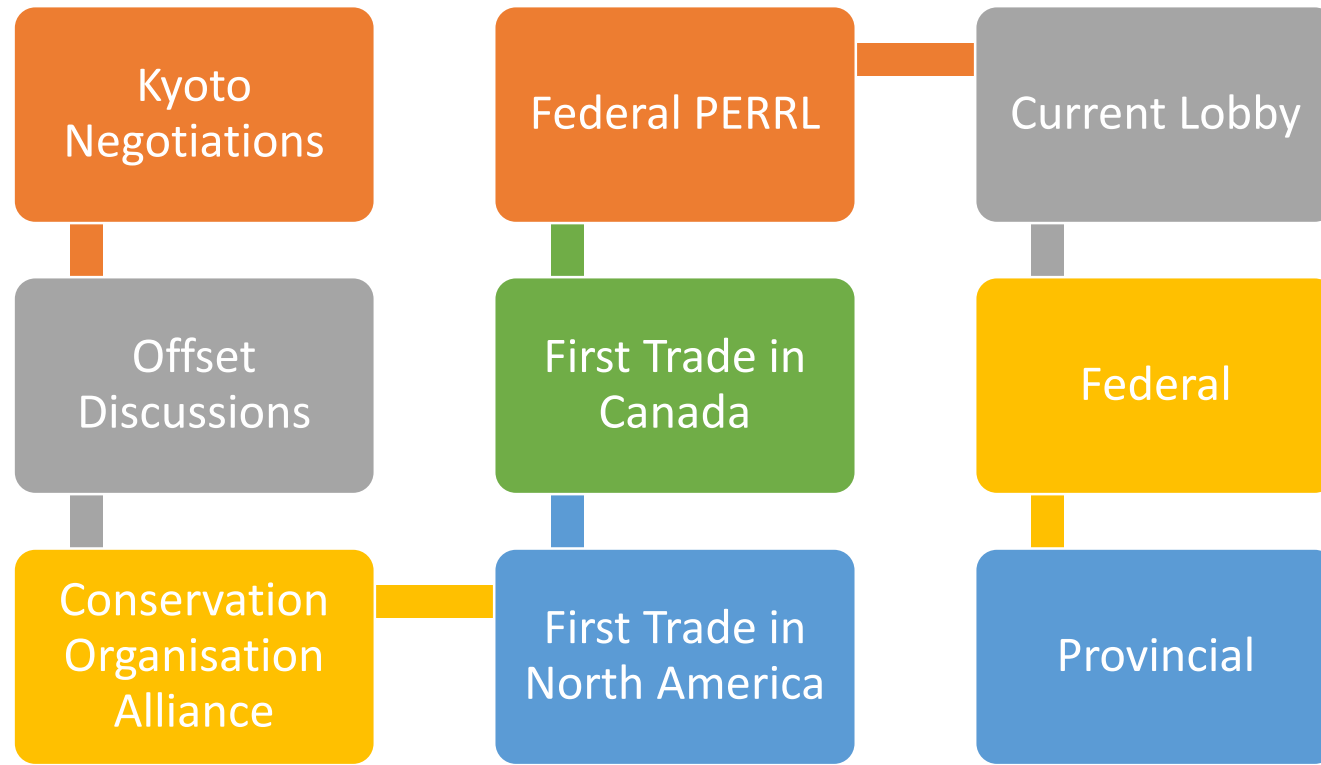
## Saskatchewan

- Without tillage:
  - 2005-2016, 48% increase
  - 1990-2016, 100% increase
- With tillage:
  - 2005-2016, 15% decline in sink
  - 1990-2016, 9 Mt CO<sub>2</sub>e removals



## 2. SSCA History

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# 3. Politics



Paris Accord



Vancouver Declaration



Trump Forming an Advisory Committee



Alberta & Federal Elections



COP 24 (International Market Rules)

# 4. Basic Challenges



New tonnes



Base Line



Additionality



Competing Interests

## 5. History of trading offset initiatives

1. Global initiatives	London	European	China (?)
2. North American initiatives	- PNWDSA & Entergy (environmental defence broker)	Lease	
3. Chicago Climate Exchange	C Green		
4. PERRL	Federal Government & Canadian Farmers	SSCA as Broker	Lease
5. Alberta System			

# Alberta System



Alberta Ag website \$170m for  
13mt Share Between  
Aggregators & Farmers



\$13.07 Per Metric Ton



Risk of Cut & Paste for  
Saskatchewan



Is this

**VALUE**

getting to the

**FARM**

gate ?

Payment Report to Client From: 2015 to 2016

Consent Form	Year	% Credit Split	# of Carbon Credits
T01981-3	2015		
T01981-3	2016	100	12.0108
T01981-1	2015	100	12.0108
T01981-1	2016	100	16.4308
T01981-4	2015	100	16.4308
T01981-4	2016	100	5.3254
T01981-7	2015	100	5.3254
T01981-7	2016	100	4.7592
T01981-7	2015	100	4.7592
T01981-7	2016	100	16.3169
T01981-6	2015	100	16.3169
T01981-6	2016	100	16.0908
T01981-6	2015	100	16.0908
T01981-6	2016	100	11.1046
T01981-7	2015	100	11.1046
T01981-7	2016	100	7.5915
T01981-3	2015	100	7.5915
T01981-3	2016	100	15.8638
T01981-6	2015	100	15.8638
T01981-6	2016	100	15.1838
T01981-4	2015	100	15.1838
T01981-4	2016	100	4.9854
T01981-2	2015	100	4.9854
T01981-2	2016	100	3.7392
T01981-5	2015	100	3.7392
T01981-5	2016	100	7.9315
T01981-4	2015	100	7.9315
T01981-4	2016	100	8.1585
T01981-2	2015	100	8.1585
T01981-2	2015	100	3.3992
T01981-2	2016	100	3.3992

Total Carbon Credits: 297

	Land Titles	Registration Fees*	Verification Fees**	Total Expenses
Expenses	\$405.00	\$34.26	\$15.32	\$454.58

# Of Carbon Credits	Total Expenses	Net Amt	GST	Cheque Amt
297	\$454.58	\$3,406.42	\$0.00	\$3,406.42

# 9. Farmer Contract

- a. Alberta System
- b. \$11.47 Per Metric Ton
- c. \$1.36 Per Acre

# Alternative to Alberta system



a. PERRL (Pilot emission, reduction and removal learning)



b. Contract brokered by SSCA between Federal Government and Farmers



c. Farmer ownership of offsets



d. Price discovery transparency/basis discovery



e. Leasing & sales opportunities address sink maintenance & creation



f. Crop insurance as a verifier; not aggregator as verifier



g. Offsets registered by provincial government (same as Alberta)

# Conclusion & questions



IF NOT US,



THEN



WHO?