OFFSETS & MRV
B-PMR Korea Mission
A wise man learns from another’s mistakes
<table>
<thead>
<tr>
<th></th>
<th>South Korea</th>
<th>Alberta</th>
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</thead>
<tbody>
<tr>
<td>Annual Emissions</td>
<td>690 MT CO₂e</td>
<td>249 MT CO₂e</td>
</tr>
<tr>
<td>Population</td>
<td>50.22 Million</td>
<td>4.19 Million</td>
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<tr>
<td>Emissions/Capita</td>
<td>13 T CO₂e</td>
<td>69 T CO₂e</td>
</tr>
<tr>
<td>Size</td>
<td>100,210 Km²</td>
<td>616,848 Km²</td>
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</tbody>
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Alberta’s Market

Pioneering
First to embrace aggregation
First to recognize agriculture offsets

Stakeholders Learned by Doing
Alberta’s Market

Achieved > 50 MT of reductions

Generated 30 million offsets

Offset value > $300 Million

> $500 Million in Allowances
Alberta Offsets

A compliance mechanism
Generated from approved protocols
Aggregation created > 10M offsets
Low risk compliance option
Agricultural Offsets are important
Offset Development

Complex

Data Centric

Requires Discipline

Systems & Controls
Offset Projects & MRV

MRV – Ensures that offsets meet a program's eligibility requirements

HOWEVER

MRV – Does not generate Offsets
Offset Development

Requires well defined business processes

Risk assessment at all stages of the process

Preventative, Detective and Corrective Controls

Sound Project Management
Data Management Systems are critical

Software & Data Security

Data collection processes

Quality Assurance and Control processes
Documentation

- Process flows
- Training manuals
- Risk & Control documents
- Documented procedures
- Exception handling guidelines
My Experience

There is no such thing as PERFECT or COMPLETE...

Only Continuous Improvement
It’s Time to Buy

Offsets are critical to the market

Use offsets for compliance

Learn by doing

Support local reductions
A Wise Korean Saying

If you walk today, you will have to run tomorrow

It is time to embrace offsets