Sustainability at The Mosaic Company

Jessica Theriault & Celeste Geisbauer
Who We Are / What We Do
Mosaic Fast Facts

• Mosaic = combination of IMC Global Inc. & Cargill fertilizer businesses

• Serving customers in approx. 40 countries

• Nearly 9,000 employees

• 5 potash mines in North America
  – Carlsbad, Colonsay and Esterhazy (K1 & K2) are **shaft mines**
  – Belle Plaine is a **solution mine**

• Mosaic also mines **phosphate** in Central Florida, and through joint ventures in Peru and Saudi Arabia.
Mosaic Global Operations

- Phosphate Production
- Potash Production
- Distribution Facilities
- Joint Ventures
Fertilizers Help Sustainably Produce Crops

Increased demand for more food as our world population grows

Fertilizers help produce half of all crop yields
Community Investment at Mosaic
Our Focus Areas

WE AIM TO INVEST 1% OF PROFITS on a 3-year rolling average

food  communities  water

The Mosaic Company,
The Mosaic Company Foundation
& The Mosaic Institute in Brazil
A few examples…

• Hunger in Moose Jaw
• REACH
• Saskatoon Food Bank
Communities

A few examples…

- Health Foundation of East Central SK
- Pense District Volunteer Fire Department
- Carlsbad Literacy Program
Water

A few examples...

• Nature Saskatchewan

• Lower Qu’Appelle Watershed Stewards

• Wild & Cared Free Wildlife Rehabilitation
Sustainability at Mosaic
Sustainability at Mosaic

**FOOD**
- Food Security
- Balanced Crop Nutrition
- Product Innovation
- The Mosaic Villages Project

**ENVIRONMENT**
- Land, Water, Energy, Air
- Nutrient Stewardship

**COMMUNITY**
- Community Investment
- Stakeholder Engagement
- Employee Involvement

**PEOPLE**
- Safety
- Employment Practices
- Employee Development
- Supply Chain & Contractors
- Diversity and Inclusion
- Sourcing

**COMPANY**
- Governance
- Partnerships
- Management Structure
- Management Systems
# Our Evolution

**2009-2010**
- First Sustainability Report: 2009
- Development of company-wide reporting structure

**2011-2012**
- Created processes and adopted sustainability goals
- Better traceability of data, and monthly versus annual collection – accurate, repeatable, traceable and standardized

**2013**
- Significantly more efficient process, including centralized data collection, reduced burden on business and adoption of reporting software
- External auditing of data and reports

**2014-2015**
- Moving toward rigorous materiality assessment and adjusted reporting accordingly
- Development of targets

**2016**
- Moving toward increased use of data internally to drive decision making
- Announcement of targets
Our Targets

Mosaic Sustainability Targets

WATER

ENERGY

GREENHOUSE GAS

By 2020, reduce by 10% per product tonne
Our Progress

Sustainability Targets Progress

Target: By 2020, reduce by 10% per product tonne

- **WATER**: 2% reduction from 2012 baseline
- **ENERGY**: 5% reduction from 2012 baseline
- **GREENHOUSE GAS**: 2% reduction from 2012 baseline

Target: By 2020, reduce RIFR to 0.6
Target: Reduce waste by increasing reuse and recycling of resources

- **SAFETY**: 14% improvement over 2014
- **WASTE**: Built better systems to measure and manage wastes

Recycled more than **29,550 TONNES** of waste

6 CONSECUTIVE YEARS

Corporate Responsibility Magazine’s 100 Best Corporate Citizens list

CDP Score **100 / A**

Mosaic earned a disclosure score of 100 and was one of 113 companies to be named to CDP’s Climate “A” List for climate performance
Our Sustainability Partnerships
Saskatchewan Partnerships

- Nature Saskatchewan
- Nature Conservancy of Canada
- Safe Drinking Water Foundation
- Wild and Cared Free Rehabilitation Centre
Ducks Unlimited Partnership
Ducks Unlimited Agreement

- Wetland Compensation Project
- Mosaic – Potash Business Unit
- 10 Year Agreement
- Started in 2012
- 2016 – Year 5 (~ 300 acres)
Why is this important for Mosaic & the community?

- Alignment with Mosaic’s sustainability pillars – environment & community

- Wetlands perform essential services providing habitat for wildlife and maintaining & enhancing biodiversity, improving surface water quality, mitigating flooding, providing a source of water in droughts, etc.
Questions?
Thank you!