

Independent Third Party Assurance Statement

To the Board and stakeholders of The Mosaic Company (hereafter, 'Mosaic'):

iCompli, a division of BPA Worldwide, was commissioned by Mosaic to provide independent third party assurance over the sustainability content within the 2014 Sustainability Report (the 'Report', covering activities occurring primarily in the period of January 1, 2014, to December 31, 2014).

AccountAbility AA1000AS (revised, 2008)

This engagement has been managed in accordance with AccountAbility's AA1000AS (2008) assurance standard, where the format of the engagement was structured to meet the AA1000AS Type I (Moderate) requirements.

Independence

iCompli has not been responsible for the preparation of any part of the Report, nor have we undertaken any commissions that would conflict with our independence. Responsibility for producing the Report belonged to Mosaic and its sustainability reporting advisors. Thus **iCompli** is, and remains, an independent assurer over the content and processes pertaining to the Report.

Assurance Objectives

The objective of the assurance process was to provide Mosaic's stakeholders an independent 'moderate level assurance' opinion on whether:

- The sustainability content within Mosaic's Report, in its online format, adheres to the AA1000AS (2008) principles of **Inclusivity, Materiality** and **Responsiveness**; and,
- The sustainability content within the Report, in its online format, meets reasonable expectations for report content, including whether or not the Report meets the Global Reporting Initiative (GRI) G4 Mining and Metals Sector Supplement 'In accordance – Core' reporting requirements.

Assurance Approach and Limitations

The process used in arriving at this assurance statement is based on AccountAbility's AA1000AS (2008) guidance, the GRI G4 Mining and Metals Sector Supplement requirements, as well as other best practices in sustainability reporting assurance. Our approach to assurance included:

- A review of the information collation and reporting procedures undertaken by Mosaic, to define the content of the Report by looking at materiality of issues included in the Report, and the determination of sustainability context and coverage of material issues; and,
- A review of drafts of the Report for any significant errors and/or anomalies within stated assertions; and,
- Reviews of versions of the Report to confirm whether or not it contains the requisite number of GRI G4 Mining and Metals Sector Supplement indicators to meet the GRI 'In accordance – Core' reporting requirements.

The assurance process was limited to the content and assertions made within Mosaic's Report for the period under review, and did not extend to a comprehensive analysis of the accuracy, reliability, completeness and/or consistency of the data presented by Mosaic. Rather, data presented within the Report was subjected only to a series of reasonability tests during proof editing. The process was further limited to reviewing policies and procedures for ethics, governance and stakeholder engagements, and did not extend to the physical engagement of any stakeholders to arrive at our assurance opinion.



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Findings

Based on our review of the Report, as well as the processes employed to collect and collate information reported herein, it is our assertion that:

- Mosaic reasonably adheres to the AccountAbility AA1000APS principles of **Inclusivity**, **Materiality** and **Responsiveness**; and,
- The Report adequately meets the GRI G4 Mining and Metals Sector Supplement 'In accordance – Core' reporting requirements.

Based on the information reviewed and interviews conducted, **iCompli** is confident that the Report provides a reasonable account of Mosaic's sustainability performance for the period under review.

Recommendations

The following recommendations have been identified to improve future sustainability reporting:

- Mosaic should continue to engage its full range of stakeholders and integrate their "voice" in its reporting.
- Mosaic should continue to develop its materiality assessment approach by further explaining its processes for prioritizing reputational and economic issues.
- Mosaic should continue to set measurable goals for a broader range of the material issues it has identified through stakeholder engagement.

For more information about the assurance process employed to assess the sustainability information contained within Mosaic's Report, contact icomplisustainability.com.

June 19, 2015

iCompli, a division of BPA Worldwide

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Assurance Statement: AA1000

Trucost was engaged by **The Mosaic Company** to provide assurance of its 2015 Carbon Disclosure Project (CDP) submission and Global Reporting Initiative (GRI) report

Intended users

The intended users of this assurance statement are the management and stakeholders of Mosaic.

Responsibilities of Mosaic and of the assurance providers

The management of Mosaic has sole responsibility for the preparation and content of its CDP submission and GRI report. Trucost's statement represents its independent and balanced opinion on the content and accuracy of the information and environmental data held within.

Assurance Standard

Trucost undertook the assurance in accordance with AA1000AS (2008) Type 2 moderate-level assurance, covering:

- ✓ Evaluation of adherence to the AA1000APS (2008) Principles of inclusivity, materiality and responsiveness (the Principles); and
- ✓ The reliability of environmental performance information.
- ✓ Trucost used the GRI principles and the Greenhouse Gas Protocol to evaluate Mosaic's performance information and adherence to the Principles.

Scope

Trucost was engaged to assure the data and claims relating to Mosaic's 2015 CDP submission and GRI report, covering the period 1st January 2014 – 31st December 2014. Mosaic took an operational control approach. Trucost verified the following greenhouse gas emissions (as calculated by Mosaic):

Table 1: EN15 (Scope 1), EN16 (Scope 2) and EN17 (Scope 3)

Scope	Emission Source	Emissions (mt CO ₂ e)
Scope 1	Natural gas, diesel, gasoline, propane, fuel oil, NH ₃ , air conditioning, phosphate rock and process related emissions	2,901,368
Scope 2	Electricity	1,819,730
Scope 3	Purchased goods and services	2,201,664
	Upstream transportation and distribution	27,664
	Business travel	4,652

Trucost also assured environmental data for the following

¹ "Other" disposal method includes combinations of co-processing, retort, treatment, incineration and/or deep well injection.

Table 2: EN 3 and EN4 – Energy consumption within and outside the organization

Energy Sources	Consumption(GJ)
Steam Energy (Less Cogenerated)	59,572,529
Natural gas	27,978,080
Cogenerated	6,258,774
Petroleum Products	1,624,508
Electricity purchased from utilities	10,476,700
Total	986,25,420

Table 3: EN8- Total water withdrawn by source (m³)

Water Sources	Consumption
Ground water	64,379,942
Municipal water	781,432
Surface water	240,780,444
Wastewater	3,429,140
Total	309,370,968

Table 4: EN 23- Waste generated by disposal method (tonnes)

Disposal Method	Hazardous	Non-hazardous
Incineration	114	653
Landfill	5,270	29,653
Other ¹	320	-
Recycle	231	14,777
Treatment	52	166
Total	5,986	45,249

Limitation within the timeframe include:

Scope 3 air travel data was estimated using Defra 2011 factors, however this could not be fully assured as detailed information on the exact factors used were not available from Mosaic's travel agency. However, Trucost and Mosaic calculations were lower than those of the travel agency, therefore the figure reported is on the conservative side.



Description of methodology

Trucost's assurance methodology included the following activities: Review of the processes by which Mosaic defines the sustainability issues that are relevant and material to its operations and its stakeholders;

- Interviews with employees responsible for sustainability data collection and drafting of CDP response and GRI report;
- Assessment of the extent to which Mosaic's CDP response adhere to the Principles;
- Limited assessment of evidence provided to support key claims in the CDP response and GRI report;
- Review of processes and systems used to gather and consolidate environmental data;
- Verification of data accuracy for a selection of sites, including an audit of conversion factors and calculations used.

Findings, conclusions and recommendations

The Principles: Nothing came to Trucost's attention to suggest that the CDP response and GRI report do not adhere to the Principles.

Data reliability: Trucost did not find evidence to insinuate that the processes and systems in place to collect and collate environmental data are such that the company's environmental performance would be erroneously described.

Mosaic uses a third party software system to collect environmental data and make calculations at an environmental impact level.

The raw data was assured based on the invoices provided by Mosaic. The most up-to-date conversion factors available were used. Trucost encourages Mosaic to continue to review and update emission factors annually or as available. All minor corrections were made as necessary.

It would be a good practice to compile an Inventory Management Plan to record methodologies and assumptions made in environmental data calculations for all business units.

As it was not possible to fully assure the business travel calculations, Trucost recommends that the travel agency provides more granular information on its calculations as well as using the latest emission factors.