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# Validation of claim methodology "Green Origin<sup>1</sup>"

On behalf of AIR LIQUIDE Vinçotte performed a validation of the methodology used to establish a type II environmental claim of a direct net zero carbon footprint for the energy consumption from production to delivery (purification, liquefaction, storage, filling, transport and delivery) of liquid CO<sub>2</sub> labeled "Module Green Origin".

# **Validation procedure**

The validation was performed by Vincotte in accordance with the methodology and procedures set out in the Claim Protocol Validation Report<sup>2</sup> and the Verification Protocol Report<sup>3</sup>. The Claim Protocol and the Verification Protocol were developed according to the ISO 14020:2000 "Environmental labels and declarations – General principles" and ISO 14021:2001 "Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling)".

### **Declaration of independence**

The validation was carried out by Vinçotte as an independent third party.

## Conclusion

Based on the review undertaken, Vinçotte validates:

- The fact that the Claim is conform to the general principles set out in ISO 14020:2000 "Environmental labels and declarations General principles" and the requirements in ISO 14021:2001 "Environmental labels and declarations Self-declared environmental claims (Type II environmental labelling)";
- The methodology for calculating the amount of renewable energy which should be purchased for production and storage;
- The approach for overcompensating CO<sub>2</sub>-emissions generated by distribution to make sure all CO<sub>2</sub>-emissions are accounted for and the methodology for calculating the amount of renewable energy for offsetting these emissions.

Vilvoorde,

9/04/2015

**Evert Vermaut** 

Product Manager Eco-claim Validation
Business Unit Environment Safety and Sustainability

<sup>&</sup>lt;sup>1</sup> No CO<sub>2</sub>-emissions coming from energy consumption from production to delivery (purification, liquefaction, storage, filling, transport and delivery)

<sup>&</sup>lt;sup>2</sup> AIB-Vinçotte International, ref. 00060453522\_ECO-CLAIM15001.001

<sup>&</sup>lt;sup>3</sup> AIB-Vinçotte International, ref. 00060453522\_ECO-CLAIM15001.002