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

On behalf of AIR LIQUIDE Vincotte performed a validation of the methodology used to establish a type II environmental claim of a net direct zero carbon footprint for the energy consumption from production to delivery (production, purification, compression, filling, transport and delivery) of H<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 Vincotte as an independent third party.

### Conclusion

Based on the review undertaken, Vincotte 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, purification and compression;
- The approach for overcompensating CO<sub>2</sub>-emissions generated by distribution (filling, transport and delivery) 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,

25/05/2016

### Evert Vermaut

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

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

<sup>2</sup> AIB-Vincotte International, ref. 00060453522\_ECO-CLAIM15001.001

<sup>3</sup> AIB-Vincotte International, ref. 00060453522\_ECO-CLAIM15001.002