

VALIDATION OF CLAIM METHODOLOGY “GAS PRODUCED WITH RENEWABLE ELECTRICITY”

AIR LIQUIDE

VINÇOTTE nv

Jan Olieslagerslaan 35
1800 Vilvoorde, België

Organisation

Air Liquide France Industrie
6 Rue Cognacq
75007 Paris
France

Sociedade Portuguesa do Ar Líquido, Arliquido Lda
Rua Dr António Loureiro Borges 4-2
Arquiparque-Miraflares 1495-131 Algés
Portugal

Air Liquide Italia S.p.A
Via Calabria 31
20158 Milano
Italia

AL AIR LIQUIDE ESPAÑA, S.A.
Pº de la Castellana 79
28046 Madrid
Spain

Scope

On behalf of the above mentioned Air Liquide South West Europe entities, Vinçotte performed a validation of the methodology used to establish a type II environmental claim for liquid gaseous products labelled “Gas produced with renewable electricity”¹.

The type of products concerned by the Claim are: oxygen, nitrogen, argon and carbon dioxide and all their mixtures(all qualities). To produce the quantities of aforementioned products, sold to the customers, Air Liquide South West Europe entities are committed to:

- Use renewable electricity generated in France, Italy, Spain or Portugal for the production of aforementioned products under their liquid form, and temporary storage on the production site of these quantities (ECO ORIGIN);
- Use renewable electricity generated in France, Italy, Portugal and Spain for the electricity consumption at the filling sites of Air Liquide South West Europe entities for the filling of the cylinders and bundles.

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¹ *“An equivalent amount of renewable electricity is purchased for the filling of nitrogen, oxygen, argon and carbon dioxide, and all their mixtures into the packaged gas cylinders and bundles.”*



Methodology of the claim

The methodology used is described and validated by Vinçotte in the Claim Protocol Validation Report² and the Verification Protocol Report³⁴.

Declaration of independence

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

Conclusion

Based on this review, Vinçotte validates:

- The fact that the Claim is conform to the general principles set out in ISO 14020:2022 and the requirements in ISO 14021:2016 for self-declared environmental claims;
- The methodology for calculating the amount of renewable electricity which should be purchased to be used in the facilities for gas production and filling the cylinders or bundles.

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Ramses Sterckx
Lead Contract Engineer



ir. Evert Vermaut
Team Leader

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² Vinçotte nv 61300144_Air Liquide PGSWE
³ Vinçotte nv 61133897_ALFI_SWE_IM_BAG.2
⁴ Vinçotte nv: 61133922_ALFI_SWE_IM_CO2.2

