Report from AENOR

AENOR Normalización y Certificación Verification Statement of AENOR for Abengoa on the Inventory of

greenhouse gas emissions corresponding to the year 2014

Asociación Española de

DOSSIER: 1993/0205/HCO/01

Introduction

Abengoa (hereinafter the company) commissioned the Spanish Association for Standardisation and Certification (AENOR) to make a reasonable revision of the inventory of greenhouse gases (GHG) for the year 2014 of its activities included in the GHG report of 2014, which is part of this Declaration.

AENOR is accredited by Entidad Mexicana de Acreditación (OVVGEI 004/14) according to ISO 14065:2007, to conduct GHG verifications according to ISO 14064-3:2006 in the Energy Sector.

Inventory of GHG emissions issued by the Organisation: Abengoa, Campus Palmas Altas c/ Energía Solar, 1-Palmas Áltas 41014 Seville (Spain)

Representatives of the Organisation: Fernando Martinez Salcedo, Sustainability Secretary, and José Manuel Delgado Rufino, manager of the Corporate Control Department.

Abengoa was responsible for reporting its GHG emissions considered in accordance with the reference standard ISO 14064-1:2006.

Objective

The objective of the verification is to provide the interested parties with an independent and professional opinion on the information and data contained in the above mentioned GHG Report issued by Abengoa

Conflicts of interest

AENOR states that there is no any conflicts of interest between the organization responsible of the GHG inventory and AENOR or any member of the verification team.

Scope of the Verification

The scope of the verification is established for the activities carried out by the companies belonging to Abengoa represented in 2014 annual report, "Corporate Social Responsibility", available in Abengoa's website (http://www.abengoa.com).

During the verification the information was analysed according to Operational control approach. The company reports all the GHG emissions attributable to the operations under its control.

The scope of the activities of the company is identified in accordance with the guidelines of standard ISO 14064-1:2006 in direct and indirect activities

Direct, indirect activities and exclusions from the verification.

Scope 1- Direct GHG emissions

Direct emissions occur from sources that are the property of or are controlled by Abengoa. These include:

- Stationary combustion sources
- Mobile combustion sources
- Emissions of CO₂ from the bioethanol production process ASOCIACIÓN ESPAÑOLA DE NORMALIZACIÓN Y CERTIFICACIÓN (AENOR). C/ GÉNOVA 6, 28004 MADRID Page 1 of 8

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- Emissions from the composting process
- Process emissions from wastewater treatment plants
- Fugitive emissions of natural gas
- Fugitive emissions of HFC from refrigeration systems
- Fugitive emissions of SF6 from electrical equipment
- · Emissions of HFC/PFC from the use of solvents (not aerosols)
- Emissions of HFC/PFC from the use of aerosols
- Emissions of HFC/PFC from the use of foam blowing agents
- CO2 emissions derived from the use of lubricants
- CO₂ emissions derived from the use of paraphinic waxes.
- Diffuse emissions derived from the use of greenhouse gases

Scope 2 – Indirect GHG emissions

Indirect emissions are those derived from the activity but generated by other entities, including the emissions of the generation of electricity acquired and consumed by the company. These emissions are:

- Emissions associated with generating purchased thermal energy.
- · Emissions associated with generating purchased electrical energy.

Scope 3- Other indirect emissions

The rest of the indirect emissions are a consequence of the activities of the company, but occur in sources that are not the property of the company or controlled by it. These other emissions are:

- Business trips.
- Employee commuting to the workplace.
- Indirect emissions from losses during electricity transport and distribution.
- Indirect emissions due to the value chain of the fuels employed for the production of the electricity consumed
- Goods and services purchased.

Exclusions

Abengoa companies have been able to exclude from their inventories those sources which imply a value less than or equal to 0,5 % of their total emissions.

Greenhouse gases taken into consideration

The greenhouse gases taken into consideration for the inventory are those defined under the Kyoto Protocol which can be divided into the following categories:

- Carbon dioxide
- Methane.
- Nitrous oxide.
- Perfluorocarbons.
- Hydrofluorocarbons.
- Sulphur hexafluoride.
- Nitrogen trifluoride

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Base year

Limited

Materiality

declared. Criteria

following:

31

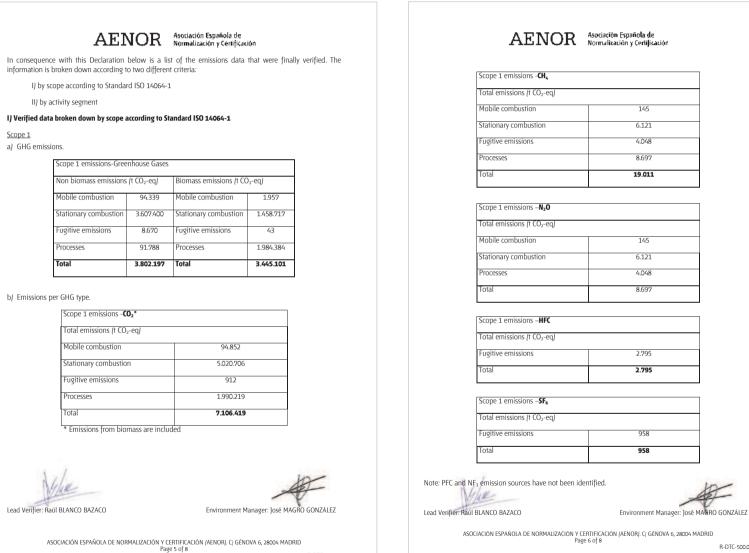
declaration.

Directed Actions



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AENOR	Asociación Española de Normalización y Certificación	
Total emissions (t CO2-eq)		
Electric energy consumption	462.142	
Thermal energy consumption	102.112	

Scope 3

Scope 2

Total emissions (t CO2-eq)	
Acquired supplies	3.254.737
Business trips	28.564
Employee commuting	17.502
Electric energy distribution losses	66.533
Value chain of the fuels used to generate the energy consumed	70.525
Total	3.437.861

II) Verified data broken down by activity segment

The business of Abengoa is organized into three different activities: Industrial production, Concession-type infrastructures and Engineering and construction. Below is a list of the emissions data that were verified broken down by activity segment according to the ISO 14064-1 scopes.

	Industrial production	Concession-type infrastructures	Engineering and construction	Total
Scope 1	1.599.977	2.160.598	41.622	3.802.197
Scope 2	505.459	45.281	13.515	564.255
Scope 3	2.486.448	155.869	795.543	3.437.860
Total	4.591.884	2.361.748	850.680	7.804.312

Lead Verifier: Raúl BLANCO BAZACO

Environment Manager: José MAGRO GONZÁLEZ

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In addition, the emissions from biomass are:

	Industrial production	Concession-type infrastructures	Engineering and construction	Total
Combustion of biomass	1.460.208	11	456	1.460.685
Other emissions from biomass	1.984.426	0	0	1.984.426
Total	3.444.634	11	456	3.445.101

Lead Verifier: Raúl BLANCO BAZACO

Environment Manager: José MAGRO GONZÁLEZ

Madrid, 6 February 2015

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