

**“INVENTORY OF CO<sub>2</sub> EMISSIONS OF RED ELÉCTRICA DE ESPAÑA, SAU”.**

*2013 GHG Inventory of REE (5 June 2014)*

GHG Inventory	tCO <sub>2</sub> -eq
<b>Scope 1</b>	<b>74,979.92</b>
1.1 Diesel Generating sets	949.58
1.2 Vehicle fleet	<b>1,275.18</b>
1.3 SF6	72,210.35
1.4 Air conditioning	544.81
<b>Scope 2</b>	<b>735,590.19</b>
2.1 Electricity consumption	3,565.19
2.2 Transmission grid losses	732,025.00
<b>Scope 3</b>	<b>179,827.39</b>
3.1 Purchased goods and services	176,528.13
3.2 Business travel	1,046.20
3.3 Downstream transportation and distribution	674.43
3.4 Employees commuting	1,578.63

### **Organisational boundaries**

The calculation of the emissions of Red Eléctrica de España, SAU (hereinafter REE) is performed under the criteria of operational control. The inventory solely applies to activities in Spain.

### **Operational boundaries**

Emissions associated with the activities and facilities of REE are quantified taking into consideration the following scopes:

#### Scope 1: Direct Greenhouse gas emissions (GHG)

Those that occur from sources controlled or owned by the Company:

- Stationary combustion: derived from the combustion of fuels used in diesel generators (No other stationary combustion source exists in the Company).
- Mobile Combustion: those derived from fuel consumption by fleet vehicles.
- Fugitive Emissions: SF6 gas leaks and leaks of refrigerant gases from air conditioning equipment.



Scope 2: Electricity indirect GHG emissions

- Electricity consumption
- Electricity losses in the transmission grid

Scope 3: Other indirect GHG emissions

- Emissions associated with purchased goods and services.
- Emissions associated with business travel.
- Emissions derived from downstream transportation and distribution (internal logistics, subcontracted to an external company)
- Emissions from employees commuting to the workplace (Head offices: Moraleja + Albatros)