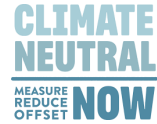


## *Annual Environmental Report 2018*



**April 2018**



## Environmental Summary

The objective of this document is to report on the environmental performance of Aktina, introduce the environmental initiatives of the company, and provide information related to participation in the United Nations Climate Neutral Now initiative.

The operations of Aktina are related to the storage, processing and supply of an increasing range of quality products to pastry and bakery professionals. Aktina has managed to establish itself as a leading supply company in its industry in Greece with an increasing export activity. Operations are based in Athens at a 2.945 m<sup>2</sup> facility. All products are produced in accordance to the highest standards of the international food industry.

The objective of the European Union Foodprint project is to develop an integrated strategy for reducing the carbon footprint in the food industry sector. The project identifies, quantifies and implements measures to reduce the carbon footprint of the pastry and flour food industry sector along the supply chain. The duration is 2014-2018.

Aktina participates in the project in order to demonstrate leadership, implement projects that will improve sustainability performance, increase efficiency, and contribute to higher public awareness. As part of the Foodprint project or other environmental initiatives the following activities have been implemented since January 2015.

**1. Delivery of three interactive environmental awareness sessions.** These sessions focused on climate change and were delivered to 25 employees (93% of the company's work force).

**2. Development of a detailed carbon footprint.** Aktina developed a detailed carbon footprint based on international guidelines (e.g., Greenhouse Gas Protocol, ISO). CO<sub>2</sub> emissions reached 201 tonnes in 2017 compared to 168 tonnes in 2013. Electricity is the major

contributor representing approximately 63% of total emissions, while vehicle fuel emissions represent 37% of total emissions.

The emissions intensity indicator (kgs of CO<sub>2</sub>/1.000€ of sales) in 2017 shows an increase to 18.95 kgs after four consecutive years of decline from 20,26 kgs in 2013 to 17,63 kgs in 2016. The increase is related to electricity consumption.

**3. Energy efficiency.** Aktina replaced all conventional lights with LED lights. The estimated annual CO<sub>2</sub> emission savings are at the range of 30 tonnes.

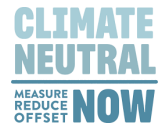
**4. Fleet modernisation.** Aktina undertook an extensive modernisation of the vehicle fleet. During the period 2013-2015 the company AKTINA gradually replaced several cars with more efficient models, leading to 30% lower emissions for selected models.

**5. Information dissemination.** Information about the project was disseminated through presentations at industry events, contribution to the newsletter and the installation of noticeboards at key locations in the company.

**6. Carbon neutrality.** As of February 2017 Aktina joined the United Nations Framework Convention on Climate Change initiative Climate Neutral Now. Aktina has become carbon neutral by purchasing credits from a wind energy project in India. Aktina is the first company from Greece that has joined the program as well as the first company from the Greek food industry to become carbon neutral. The offsetting certificate issued in 2018 is placed at the end of this report.

**7. Waste management.** In 2017/2018 Aktina reviewed in detail its waste management operations and is examining the processes that can further improve effectiveness.

Overall, Aktina is implementing a number of initiatives that have improved environmental performance.



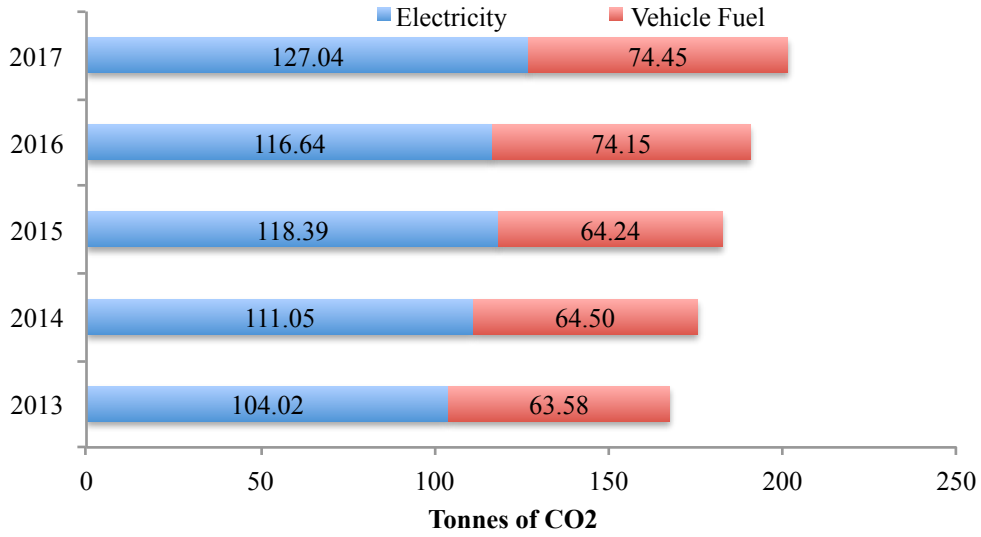
**Figure 1**  
**Aktina Information**

<b>Year Founded</b>	<b>1995</b>	
<b>Location</b>	Peristeri-Athens	
<b>Facility Area</b>	2.945 m <sup>2</sup>	
<b>Employees</b>	27	
<b>Year</b>	<b>Sales (million €)</b>	<b>Change</b>
2012	7.991	-
2013	8.271	+3.5%
2014	9.292	+12.3%
2015	9.725	+4.7%
2016	10.822	+11.3%
2017	10.635	-1.7%

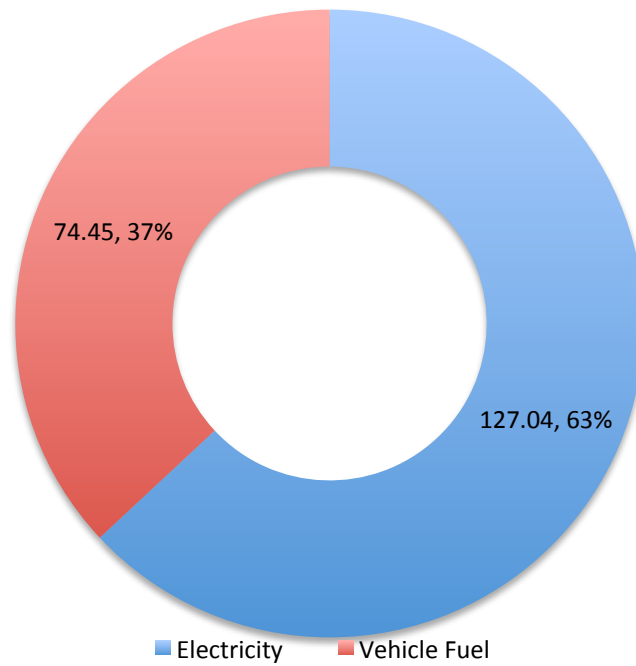
**Figure 2**  
**Scope 1 & 2 Emissions**

<b>Year</b>	<b>Tonnes of CO<sub>2</sub></b>
2013	167,60
2014	175,55
2015	182,63
2016	190,79
2017	201.49

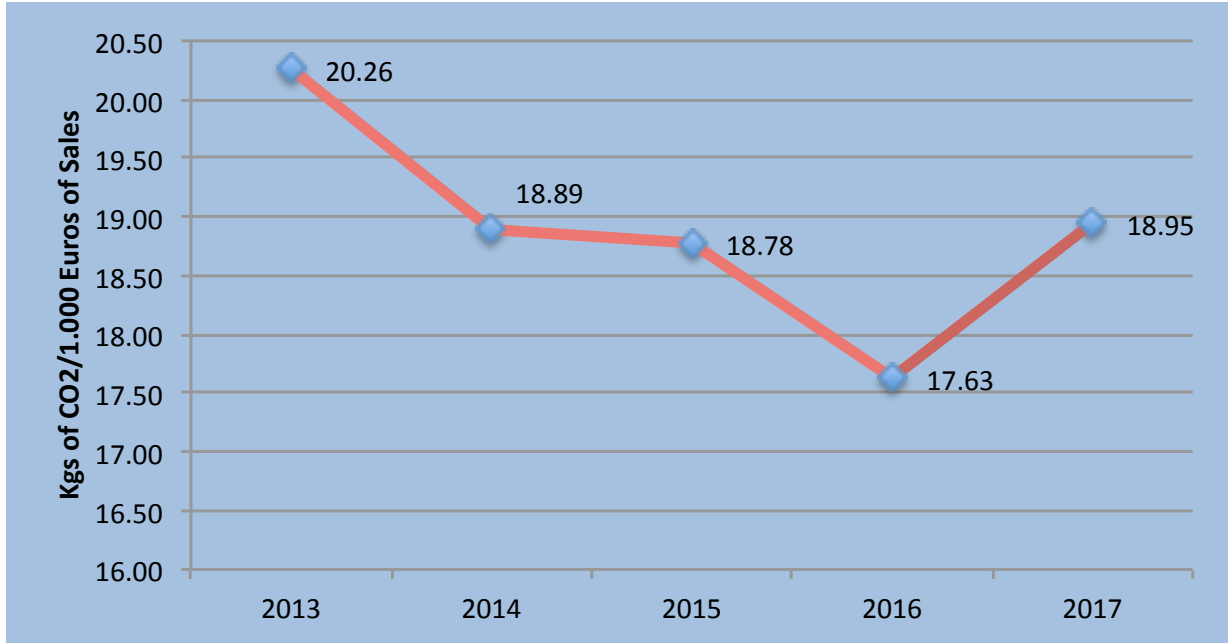
**Figure 3**  
**Scope 1 & 2 Emissions Distribution**



**Figure 4**  
**2017 Scope 1 & 2 Emissions Distribution**  
**(Tonnes of CO<sub>2</sub> & %)**



**Figure 5**  
**Emissions Intensity Indicator**



**Figure 6**  
**Offsetting Credits Certificate**

