

## **ENVIRONMENTAL PERFORMANCE 2021-2022**

**KOLAB ENSAYOS**, located on Calle Nubes 10, in the Leganés (Madrid) municipal district, operates an integrated management system based on the ISO 9001:2015 Quality Standard and the ISO 14001:2015 Environmental Standard.

**KOLAB ENSAYOS**, complies with the main quality and environmental regulations: it conducts a thorough monitoring of its integrated management system by establishing an environmental policy, setting objectives and indicators, identifying environmental aspects, legal requirements, risks and opportunities.

There follows a summary of the environmental performance of **KOLAB ENSAYOS**, for the period 2021 - 2022.

### **Quality and Environmental Policy**

The Quality and Environmental Policy of **KOLAB ENSAYOS**, is available on the company website (<https://kolabensayos.com/>). This policy sets out the main environmental commitments adhered to by **KOLAB ENSAYOS**.

### **Environmental objectives and key performance indicators**

The environmental objectives set for 2021 are as follows:

**1. 2% reduction in fuel consumption per test relative to 2020**

In 2021 total fuel consumption amounted to 13,150.34 litres, which compares with 9,712.32 litres in 2020 (up by 35%). On a per-test basis, fuel consumption in 2021 stood at 0.47 litres/test, versus 0.41 litres/test in 2020.

This objective has not been fulfilled. Fuel consumption on a per-test basis was found not to be a realistic performance indicator, since the work can either be carried out at Kolab's own facilities at zero fuel cost, or at client facilities 50km away, at low fuel cost, or at a high fuel cost at client facilities requiring a 1000km round trip. In 2021 the increase in on-site testing work led to longer travelling distances and hence higher fuel consumption per test. Every effort was made to optimise routes, scheduling several jobs on the same trip, but this did not always prove possible.

**2. 1% reduction in non-textile waste generation per test relative to 2020**

Non-textile waste generation in 2020 amounted to 99 Kg, which compares with 310 Kg in 2021 Kg.

This objective has not been attained. It was found that this performance indicator is not entirely realistic, since Kolab has no control over the proportion of insulating gloves that fail the tests, or the proportion of vacuum anchor rubber seals that need to be replaced, as this is totally dependent on the use made of these items by our clients.

The environmental objectives set for 2022 were:

1. **Optimise electric power consumption for lighting by replacing all halogen and fluorescent lights with LED lights.**
2. **Installing photovoltaic solar panels to add a renewable component to our electric power consumption.**

## Consumption monitoring

- Electric power consumption  
In 2021 total power consumption reached 7,860 kWh, versus 5,309 kWh in 2020 (up by 26.2%). If we compare power consumption on a per-test basis, power consumption in 2020 was 0.22 kWh/test, rising to 0.28 kWh/test in 2021 (21% increase).
- Water consumption  
In 2021 total water consumption amounted to 89m<sup>3</sup>, which compares with 81m<sup>3</sup> in 2020 (8.99% increase). On a per-test basis the figures were 0.00320 m<sup>3</sup>/test in 2021 versus 0.003416 m<sup>3</sup>/test in 2020.
- Fuel consumption  
En 2021 total fuel consumption reached 13,150.34 litres; up from 9,712.32 litres in 2020 (35% increase). On a per-test basis, the value for 2021 was 0.47 litres/test, versus 0.41 litres/test in 2020.
- Paper consumption  
In 2021 total paper consumption was 17,500 sheets, while in 2020 it amounted to 20,000 sheets (down by 12.5%). On a per-test basis, the value for 2021 was 0.63 sheets/test, down from 0.84 sheets/test in 2020.
- Toner consumption  
In 2021 total toner consumption was 21 units, which compares with 8 units in 2020 (162% increase). On a per-test basis the figures were 0.00076 units/test in 2021 versus 0.00034 units/test in 2020 (123 % increase).

## Environmental aspects

Every year the organisation identifies and evaluates the environmental aspects deriving from its main consumption items, hazardous and non-hazardous waste, atmospheric emissions, waste emissions and effluent, both on a direct and on an indirect or potential/emergency basis.

Operational control is carried out on all environmental aspects identified, whether significant or not. For the present year 2022, the following significant environmental aspects were identified:

Power consumption:

- In order to reduce this significant aspect, the following objective was set for 2022. Optimise power use for lighting by replacing halogen and fluorescent lights with LED lights.

## Toner consumption:

- The significant rise in Toner consumption was due to a bulk purchase at a very advantageous rate, which is expected to result in a lower purchase volume in 2022.
- In December 2022 it will be verified whether consumption for 2022 fell relative to 2021.

## Fuel consumption:

- GPS systems will be fitted on company vans to optimise the control of routes and thus reduce fuel consumption.

## Waste paper generation:

- There is no measurement of paper and cardboard disposal volumes. Correct separation of this type of waste is carried out and training has been given to employees. Disposal of waste paper and cardboard is made through public recycling containers.

## Non-textile waste generation.

- Kolab has no control over the proportion of gloves that fail the tests or the number of vacuum anchor seals that require replacement, as this depends on the use made by clients of their equipment. We will continue to control disposal of this type of waste material.

## Legal Requirements

On a yearly basis, **KOLAB ENSAYOS** identifies the new legal requirements applying to its organisation. At the same time, it assesses compliance with applicable legal requirements.

**KOLAB ENSAYOS** meets, or is in the process of ensuring compliance with, all the legal requirements applying to its organisation for the provision of its services, in terms of environmental and worker health and safety aspects.

There follows a list of the main legal requirements met by **KOLAB ENSAYOS**:

- Operating licence granted by the Leganés municipal authorities
- Application in process to obtain accreditation by ENAC (Spanish official accreditation body) as a Test Laboratory
- In the process of obtaining Industrial Registration as a Test Laboratory, contingent on the ENAC accreditation
- Industrial Identification by the Leganés municipal authorities
- Authorisation as a hazardous waste producer by the Community of Madrid

