

# NEWSLETTER

N° 12

March 2021

**LIFE**  
**leachless**

A sustainable  
horizon ...

[www.lifeleachless.eu](http://www.lifeleachless.eu)

Up to now...



At the beginning of the year, the start-up of the plant at the Zonzamas Environmental Complex in **Lanzarote** (Spain) was completed, but this work was slightly extended due to some final adjustments that had to be made. Subsequently, the **operation** stage began. In the first step of the operation stage, the **optimisation** of each process technologies will be carried out. Once the operating parameters have been defined, work will begin on the entire process as a whole and information will be collected to assess the **environmental** and **economic impact** of the solution proposed by **LIFE LEACHLESS**.

In order for you to fully understand what the **LIFE LEACHLESS** project consists of and how the leachate treatment process is carried out, you can watch the video that we have recently published on our [website](#) and [YouTube channel](#).



The **first** (very preliminary) **results** of the analyses carried out during the optimisation of the **evaporation/condensation** step show a **considerable reduction** in organic matter ( $BOD_5 < 20$  mg/l, COD 1,156 mg/l), conductivity (39.5 mS/cm), suspended solids (8 mg/l) and the absence of micro-organisms (E. coli 0 cfu/100 ml) for the effluent obtained at the end of this step.



Next...

In the coming months we hope to share the first results of the **demonstration plant** operation at the Zonzamas Environmental Complex (**Lanzarote**). Therefore, stay tuned to our website and social networks to be informed of the next progress.



We are still focused on the operation of the demonstration plant, however, in June 2021 we hope to attend the **8th International Conference on Sustainable Solid Waste Management (THESSALONIKI 2021)** in order to present the progress of the project. However, please follow the instructions of the health authorities regarding COVID-19 and **Stay safe!**



The project continues to make good progress and now more than ever we need you as a **follower!** If you belong to a facility where leachate is generated or to a ceramic company, we want to know your opinion. **LIFE LEACHLESS** invites you to participate as a project follower. Please fill in the questionnaire on our website [www.lifeleachless.eu](http://www.lifeleachless.eu).

