



LIFE VALPORC
Valorization of pig carcasses
through their transformation into
biofuels and organic fertilizers
(LIFE13 ENV/ES/001115)





Name of the Deliverable: Informe del protocolo de toma de muestras

Number and name of the associated action: Action A2. Informe del protocolo de toma de muestras

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Partner responsible for this deliverable: Fundación CARTIF

	LIFE + VALPORC LIFE 13ENV/ES/001115 VALORIZACIÓN DE CADÁVERES DE PORCINO MEDIANTE SU TRANSFORMACIÓN EN BIOCOMBUSTIBLES Y FERTILIZANTES ORGÁNICOS	
	Valorization of pig carcasses through their transformation into biofuels and organic fertilizers	

A. Executive summary

A.1 Objectives:

The objective of this deliverable is focused on:

1. Determining the main characteristics of the raw materials used in the task A2: meat meal, process waste water, pig manure, fat and glycerin.
 1. Defining the sampling protocol for taking representative samples.
 2. Collection of representative samples of each of the raw materials mentioned.

A.2 Sampling protocol

The raw materials to be used throughout the project are meat meal, fat, glycerin, process waste water and pig manure.

Initially, the available information relating to the processes was collected to identify suitable sampling points for each raw material. So, these sampling points were selected based on production process characteristic.

Finally, a suitable protocol for each raw material was developed, and a representative sample of 2l was collected from the different sampling points.

Moreover, it is noteworthy that no plant to process C2 Category pig carcasses exists in Spain that could obtain final products (meal and purified fat) as proposed in VALPORC LIFE project.

For this reason, it has been necessary to make the sampling in an existing animal by-product processing plant in which such a non-exhaustive separation of fat is performed during batch processing of pig carcasses.