

R&D PROJECT



Title of the project

New solution for the biodecontamination of Clean Rooms

Acronym

ESTERINNOVA



Project Content

One of the challenges facing the biotechnological and pharmaceutical sector is the reduction of biodecontamination times in clean rooms to increase their productivity. This biodecontamination process is carried out daily in clean rooms to control the bacterial load. The most widely used technique is hydrogen peroxide (H₂O₂) vaporization, which makes it possible to overcome many critical aspects of air sterilization in these rooms.

BUSINESS AREAS

COMSA BIOPHARMA

DURATION

2022-2023

BUDGET

COMSA's Budget:
80.200 €

KEYWORDS

Clean rooms, deperoxidation,
biodecontamination, HVAC

COORDINATOR

Carlos Espina

Project Goals

The general objective of the project is to launch to the market a new integral system for the elimination of hydrogen peroxide in clean rooms, highly efficient in terms of time and cost, with the possibility and capacity of integration in HVAC systems, which minimizes the times of the aeration phase in the deperoxidation process, increasing the productivity of clean rooms, which are used, for example, by the pharmaceutical industry for the production of vaccines and other biotechnological products.

Work packages

- PT1. Project management and coordination
- PT2. Patentability study
- PT3. System validation in a controlled environment
- PT4. Preparation of a sales and marketing plan
- PT5. Confirmation and evaluation of environmental and exposure restrictions to the different countries where the company plans to launch the product
- PT6. Technological update of the competitors



Línia 1. Projectes d'iniciatives de noves línies d'activitat. Projectes de CANVI ESTRUCTURAL 2022.

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