



# Energy Efficiency and Resource Management

**DIAGNOSIS AND OPTIMIZATION OF ENERGY  
CONSUMPTION AND EFFICIENT USE OF RESOURCES**

## KEY WORDS

ENERGY EFFICIENCY,  
SUSTAINABILITY,  
RESOURCE  
OPTIMIZATION

## DESCRIPTION

The Curauma Biotechnology Center (NBC) at PUCV supports companies and institutions in implementing strategies to improve energy efficiency and the sustainable use of resources. The center conducts energy audits, identifies savings opportunities, and proposes technological and management solutions tailored to each production process. It has equipment for measuring energy consumption, tools for energy audits and mass and energy balances, and provides training in efficiency methodologies and continuous monitoring.

The NBC promotes the adoption of good operational practices and the incorporation of clean technologies that reduce energy costs and associated emissions. It also provides technical and methodological training to strengthen internal capacities in monitoring, control, and continuous improvement of energy performance.

## APPLICATIONS

- Energy diagnostics and audits.
- Optimization of energy consumption in industrial processes.
- Incorporation of clean technologies and renewable energies.
- Training in energy efficiency management.
- Reduction of costs and emissions associated with energy consumption.

## CONTACT US

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