

DEMONSTRATION SITES

The LowUP systems were demonstrated at 5 sites in Seville, Madrid, Badajoz, Setubal and Gipuzkoa. The individual components have been designed and customized for each one of the sites.

DEMO #2: STUDENT HALL IN BADAJOZ (RUCAB)

SOLUTION

HEAT-LowUP

This solution produces and distributes heat for tertiary buildings as swimming pools, hotels, hospitals or malls from renewable energy sources and heat recovery systems.

TECHNOLOGY

Wasenco provides a self-cleaning heat recovery system for waste water with multi-usable Ecowec hybrid heat exchanger.

wasenco

DEMONSTRATION CONCEPT

Ecowec will pre-heat the dishwashers inlet water with the heat of the wastewater coming from the kitchen. The target is to recycle the heat energy and lower the electric consumption.



EXPECTED RESULTS

The system is expected to reduce the electric consumption of the existing dishwashers through a preheating of the water, minimising the consumption and impact of the existing boiler.