



# Virtual Recycling Plant for Circular Economy Learning

INTERACTIVE EXPERIENCE FOR UNDERSTANDING RECYCLING PROCESSES AND CIRCULAR ECONOMY

## KEY WORDS

VR,  
RECYCLING,  
LEARNING

## DESCRIPTION

Teaching innovation project developed by LEIND consisting of an interactive virtual tool that simulates a recycling plant. It allows students to experience circular production processes immersively, supporting the understanding of material flows, decision-making and circular economy principles without physical infrastructure

## POTENTIAL BENEFITS OR IMPACTS

Enhanced experiential learning in circular economy;  
Reduced barriers to access industrial infrastructure;  
Strengthened sustainability and innovation skills

## TECHNOLOGY MATURITY LEVEL (TRL)

TRL 4: laboratory validation

## AREA OF APPLICATION

Higher education

## CONTACT US

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