

## IDENTIFICATION

Course code : ESI-SPI-CI-BE4-  
S7-UE4-EC3  
ECTS : 0

## DURATION

Lectures : 4  
Tutorial classes : 0  
Labs : 0  
Total : 4

Project :  
Personnal work :

## ASSESSMENT

Presentation (support and oral) in English

## TEACHING MATERIALS

Plans

## LANGUAGE

English

## CONTACT

Mathieu DAVID  
mathieu.david@univ-reunion.fr

Modifié le : 3 août 2026

## UE7-PROEN

## SAE

## SCOPE OF THE CHALLENGE

### WORKING SITUATION

Design a hybrid renewable energy (EnR) installation and determine its economic and environmental performance

### COMPETENCES AND LEVEL ASSESSED

## EXPECTED OUTPUTS

## RESOURCES

Photovoltaic 1 : Technology and sizing Solar thermal 1 : Technology and sizing,  
Electrical conversion Solar resource Energy storage