

# SUSTAINABILITY AND CIRCULARITY CHALLENGES IN AEROSPACE ENGINEERING EDUCATION

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## PROBLEM DEFINITION

“How could the training of aerospace engineering bachelor students be improved in order to enable the implementation of more sustainable practices in the aerospace industry?”

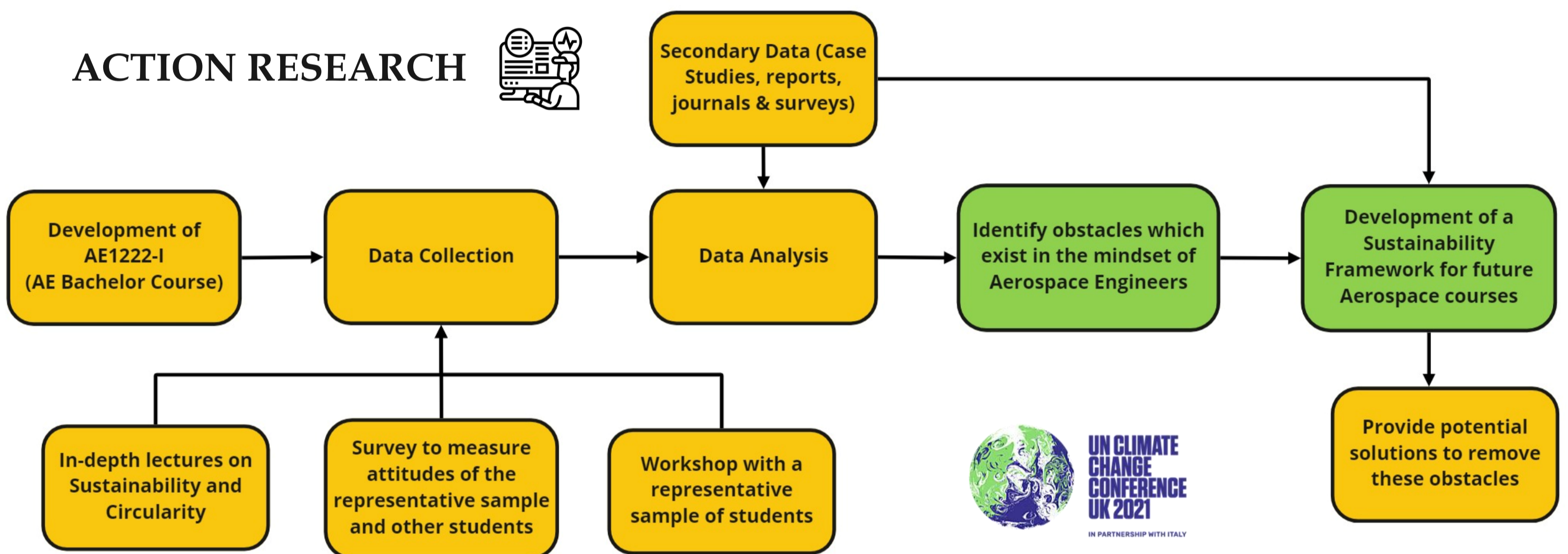
## VISION

To employ a bottom-up approach which involves incorporating sustainability in aerospace engineering which can facilitate quantification of impact of design choices and make strides in reducing this impact.

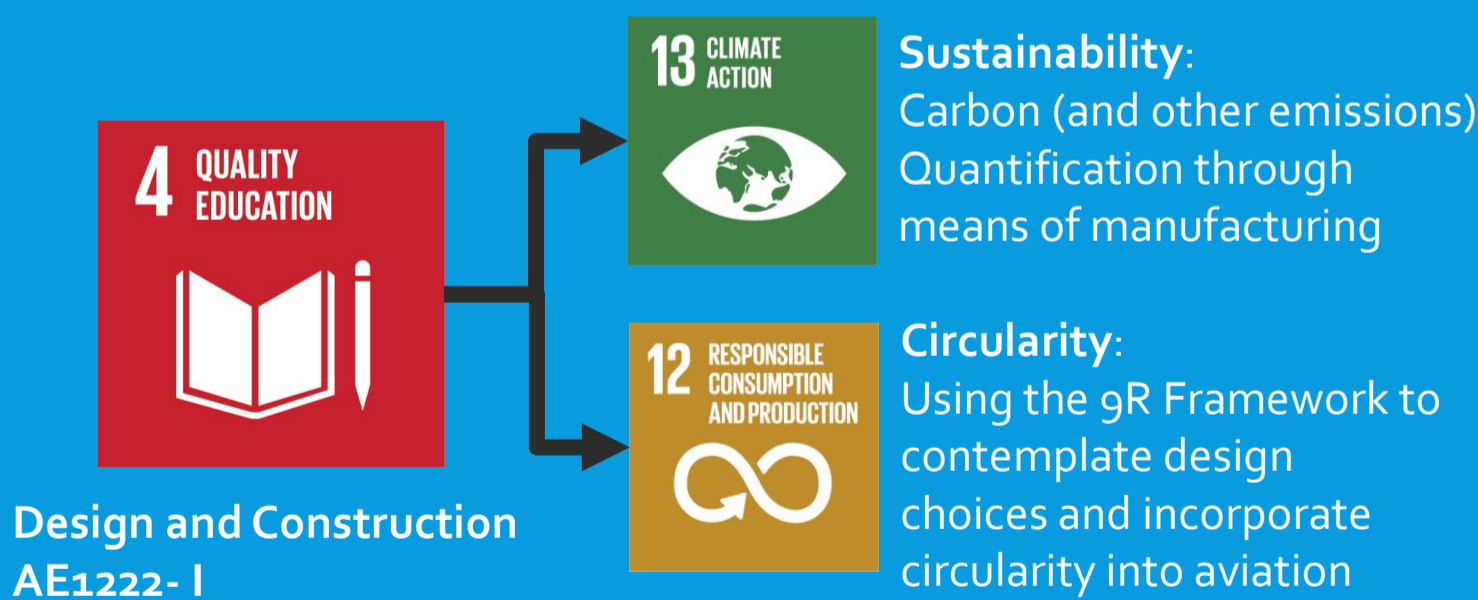


2-3% of global CO<sub>2</sub> emissions  
5% of anthropogenic climate change  
12-27% of the carbon budget by 2050

## ACTION RESEARCH



## SUSTAINABLE DEVELOPMENT GOALS



## STAKEHOLDER'S INVOLVED



## OBSTACLES IDENTIFIED



Lack of Interdisciplinary Education



Environmental Responsibility



Conflict with Career Goals



Scepticism & Uncertainty