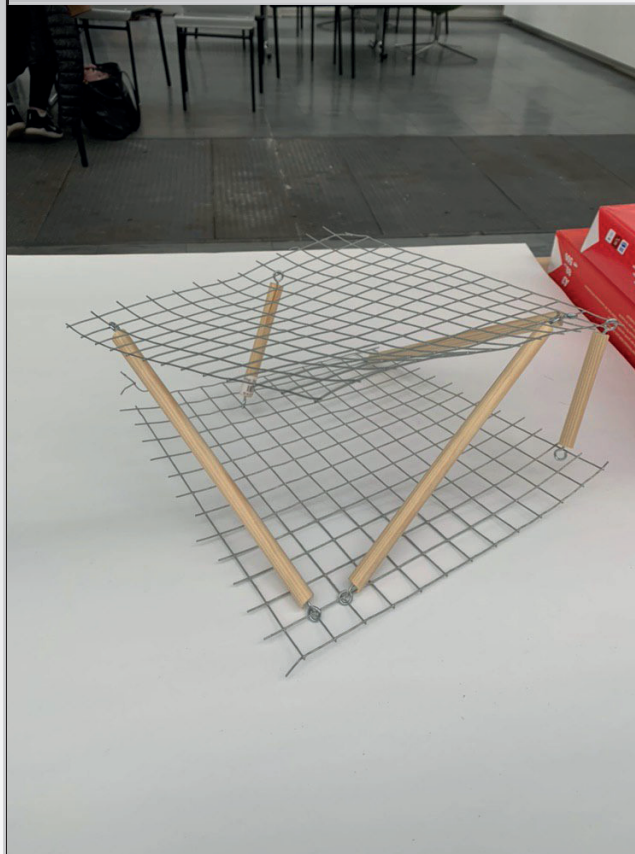


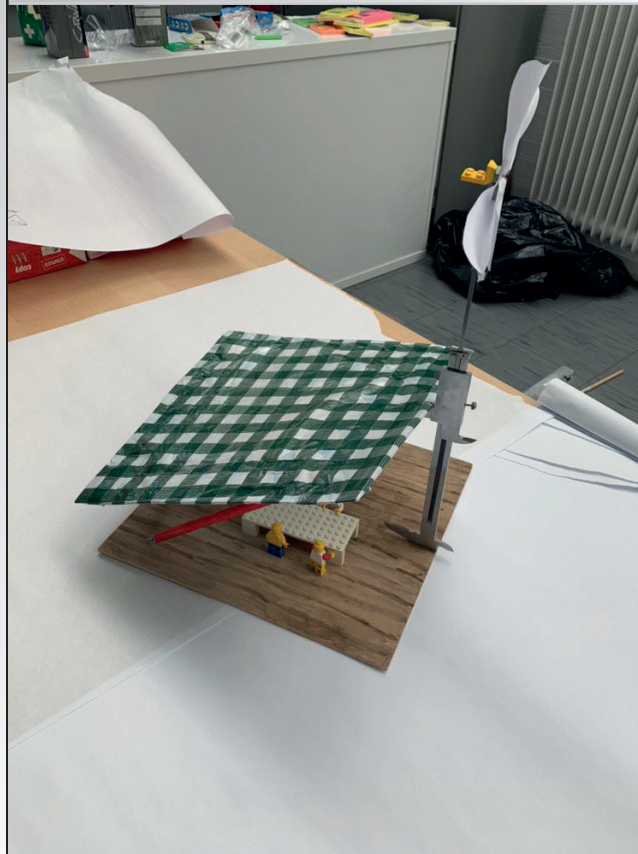
SunShade

The evolution of our project started right at the beginning of the course. Our first prototype of a Gough-Steward platform had its issues, with sticks touching the grid and therefore not fulfilling its purpose.



After understanding the mechanisms needed for the platform to work, we decided on the structure itself, what it should represent and what tools we needed for it to succeed.

The final design has arrived. It is an ecological sunshade, in which the Gough-Steward platform is used to rise and lower the shade to react to the position of the sun. The aim of our structure is to be made from only reusable and sustainable materials.



ENG-A1002 - ARTS-ENG Project

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On top of the lifting mechanism, there is a wind turbine for green electricity. Therefore, the lifting does not need to be connected to the power grid and can sustain itself with the necessary power.