| TITLE | Self-oriented Solar Mirror |
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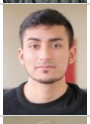
|---|---|---|---|---|---|---|
|  | STUDENT NAME | Anna Simons | | | | |
| | N. | 1161982 | TEL. | | EMAIL | |
|  | STUDENT NAME | Jan Latko | | | | |
| | N. | 1161972 | TEL. | | EMAIL | |
|  | STUDENT NAME | José Hugo Valiente Saltos | | | | |
| | N. | 1161988 | TEL. | | EMAIL | |
|  | STUDENT NAME | Margot Gutscoven | | | | |
| | N. | 1161989 | TEL. | | EMAIL | |
|  | STUDENT NAME | Raymond Quinn | | | | |
| | N. | 1161986 | TEL. | | EMAIL | |


| SHORT DESCRIPTION | |
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| Objective | Design, develop and test a self-oriented solar mirror. The mirror structure should track the Sun, exposing the mirror surface to the solar radiation and concentrating the radiation on a pre-defined spot. The purpose, target user segment and the full set of device requirements are to be defined by the team based on the marketing, sustainability and ethical analyses as well as on the needs of the client. |
| Requirements | – Use low cost hardware solutions;<br>– Use open source software;<br>– Adopt the International System of Units (NIST International Guide for the use of the International System of Units);<br>– Comply with the 2006/42/CE 2006-05-17, 2004/108/EC 2004-12-15, 2014/35/EU 2016-04-20, 2014/53/EU 2014-04-16 and ROHS EU Directives. |

| RELEVANT DATA |
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| Maximum budget: 100 € |

| RESOURCES |
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| ACADEMIC SUPERVISORS | Abel José Duarte (AJD), Benedita Malheiro (MBM), Fernando Ferreira (FJF), Maria Cristina Ribeiro (MCR), Manuel Silva (MSS), Paulo Ferreira (PDF), Pedro Barbosa Guedes (PBG) |

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|---|---|
| COMPANY | |
| ADDRESS | |
| EMAIL | |
| WEBSITE | |
| SUPERVISOR | |
| TEL./EMAIL | |