



# Research Fund for Coal and Steel

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# STIR4STEEL

**Friction stir welding for improving joinability of high-performance steels for automotive components to boost green road mobility**

## **Deliverable D1.3 (D3)**

Definition of dimensions and chemical composition of “enhanced machinability” material

|                            |  |
|----------------------------|--|
| <b>Deliverable No.</b>     | D1.3   |
| <b>Related WP</b>          | WP1  |
| <b>Deliverable Title</b>   | Definition of dimensions and chemical composition of “enhanced machinability” material |
| <b>Due Date</b>            | 30.11.2021 (Month 3)   |
| <b>Deliverable Type</b>    | Report   |
| <b>Dissemination Level</b> | Confidential   |
| <b>Status</b>              | Final  |

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## **Publishable Summary**

The present Deliverable 1.3 of the Stir4Steel project, developed in the frame of the RFCS program, summarizes the selection of the material required for the research of case III, monoblock pistons.

Along the different sections of this Deliverable, the chemical composition of the selected steel grades and the dimensions of the material to be supply will be described.