D1.4 Exploitation Plan

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Deliverable Information sheet

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Executive summary

This deliverable presents the Exploitation Plan of Sup3rform. Its objective is to define a common framework that enables consortium partners to maximize the impact, sustainability, and uptake of project results beyond the duration of the funded activities. The exploitation plan identifies the main project outcomes with exploitation potential, analyses their value proposition, proposes suitable intellectual property protection mechanisms, and establishes pathways for their future industrial, scientific, and societal use.

The exploitation strategy has been developed in accordance with the project objectives and the provisions established in the Consortium Agreement regarding ownership, access rights, confidentiality, dissemination, and intellectual property management. Particular attention has been given to the identification of Key Exploitable Results (KERs), which represent the most valuable outputs generated by the project and constitute the basis for future commercial, industrial, and research activities.

The exploitation activities address the needs of the different stakeholder groups represented within the consortium. Steel producers will utilize the generated knowledge for the design of new steel grades with optimized performance. Automotive manufacturers and technology providers will exploit the project outcomes to facilitate the industrial implementation of advanced steels in lightweight structural components. Research organizations will benefit from scientific knowledge, testing methodologies, modelling approaches, and service opportunities that can be further developed through future R&D activities and commercial services.

The project results are expected to have a significant industrial impact. The developed steel solutions contribute to reducing vehicle weight while maintaining or improving safety requirements. The novel characterization and modelling methodologies provide faster, more accurate, and cost-efficient tools for material qualification and component design. Furthermore, the generated knowledge supports the transition toward more sustainable mobility solutions through improved resource efficiency and reduced greenhouse gas emissions.