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Blueprint “New Skills Agenda Steel”:
Industry-driven sustainable European Steel Skills Agenda and Strategy (ESSA)

Mid-term Conference of the European Steel Skills Alliance (ESSA)

„Regional Strategies for Future Skills in the Steel industry“

28th of May 2021

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A. SIDEREX Strategic Plan



Siderex is a nonprofit **STEEL CLUSTER ASSOCIATION** created in 1996.

Value Chain: Siderex assembles the key businesses of the value chain in the steel sector of carbon, stainless and alloy steel mills, steel processors to engineering & equipment manufacturers, spare parts, components, raw materials, service companies for steel plants and representatives of the Basque network in Science, Technology, and Innovation.

Objective: Improve the competitiveness in the steel industry through cooperative actions between businesses and other stakeholders.

We also protect the business interests of our associated partners.

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A. SIDEREX Strategic Plan

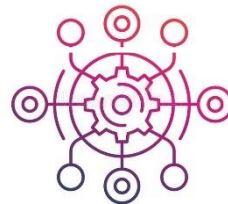
In response to the challenges of the steel industry, Siderex promotes **COOPERATION** between the representatives of the cluster association, fostering collaboration and participation by joining forces and integrating the capacity of businesses and other representatives.

In this way we provide a complete portfolio in the areas of:

Internationalization



Technological Innovation



Business Innovation



Sustainability



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B. ROOM4STEEL Classroom (SIDEREX)

Need: One of the main problems that our sector has to face, revolves around the lack of specialization of society (students) around the steel industry, losing in this way the essence of a such important sector for our industry.

Initiative: The biggest driving-force companies in our region committed to society and with the collaboration with the Basque Country University (Faculty of Engineering of Bilbao) have created in the 2020/21 academic year the ROOM4STEEL Classroom (under the sponsorship of SIDEREX)

Main Objective: R4S is focused in training of students to incorporate them into the job market of companies in the steel sector, retaining young talent improving our capabilities, as well as improve the image of the steel sector among new students.

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B. ROOM4STEEL Classroom (SIDEREX)

Through the Classroom, SIDEREX will collaborate with the Basque Country University in research and teaching, in the area of knowledge of mutual interest to the steel industry, promoting the implementation of programs, projects and activities and promoting the generation of knowledge, the exchange and transfer of it between both entities.

The companies involved in this collaboration are:



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C. STEEL TECH Congress & Expo (SIDEREX)

Event: International reference event in southern Europe for the steel sector (SIDEREX & BEC - Bilbao Exhibition Centre)

Basque Country: Steel production is in the DNA of this region which, due to tradition and experience is home to 50% of the Steel Mills located in Spain

Profile. This new event for the steel sector will bring together the key players from the sector's entire value chain, in a space where knowledge transfer, technological innovation and networking will be the basic tools to foster inter-sectoral relations.

Activities: ST will have two clearly differentiated sections: the congress and the exhibition. Thanks to the union of both, the participants will be able to exchange information ideas, acquire new knowledge and establish solid business contacts. In addition, there will be parallel activities such as poster area, innovation workshops, round tables and networking activities including visits to plants, gala dinner, B2B meetings.

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C. STEEL TECH Congress & Expo (SIDEREX)

STEEL TECH came about with the aim of:

- Becoming the leading international steel sector event in Southern Europe.
- Offering a specialised space and preferential orientation to showcase the technological breakthroughs and innovation taking place in the steel sector throughout the entire value chain.
- **Improve the image of the steel sector among college students.**
- Becoming a must event for all businesses, stakeholders and organizations in the Iberian iron and steel sector (Spain and Portugal).
- Enabling participants to exchange ideas and information with customers, partners and suppliers and to forge new business contacts.
- Showcasing the most promising research projects with the potential to deliver major technological breakthroughs in the coming years.

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C. STEEL TECH Congress & Expo (SIDEREX)

STEEL TECH has the support and involvement of leading player from the sector, such as:

Steel Mills



R&D&I Centres



Machinery & engineering



Social Agents



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D. ESSA Roll Out



Roll Out: Why is important SIDEREX for the ESSA Roll Out in our region?

Transfer and disseminate the results of the ESSA project to a large number of industries using multiples information channels:

- SideNews
- Steel Observatory
- Scientific journal
- Social Medias
- Website
- Press releases

Our members





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Thanks for your attention

ESSA website: <https://www.estep.eu/essa>

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