



ŽP Výskumno-vývojové
centrum s.r.o.

ŽP VVC, s.r.o., Kolkáreň 35
976 81 Podbrezová

Dear Mr.
doc. Ing. Branislav Bul'ko, PhD.
Director of Institute of Metallurgy
Letná 9
042 00 Košice

Your reference

Our reference

Attended to by/phone

Podbrezová

16/2025

Ing. Beraxa, PhD/+421486454031 22.th January 2025
beraxa.pavol@zelpo.sk

Subject: Endorsement of the Project Proposal – "Advanced Life Cycle Impact Assessment for Sustainable LowCarbon Steel Production in Slovakia"

We, ŽP VVC s.r.o., hereby express our support for the APVV (VV 2024) project titled "Advanced Life Cycle Impact Assessment for Sustainable LowCarbon Steel Production in Slovakia." We recognize the strategic importance of this initiative in advancing the competitiveness and sustainability of the metallurgical sector in Slovakia.

This project represents a significant and timely initiative addressing critical challenges within the metallurgical sector. By focusing on the development of a Life-Cycle Assessment (LCA) framework tailored to the specific conditions of Slovakia, the project provides a foundation for systematic identification and quantification of environmental impacts, including Scope 1 (direct), Scope 2 (indirect energy-related), and Scope 3 (supply chain-related) emissions.

We recognize the importance of such a methodology in supporting the decarbonization of industrial processes, optimizing resource efficiency, and enhancing sustainability in steel production. The project's emphasis on advanced digital tools and experimental validation further demonstrates its potential to deliver practical, scientifically sound solutions for the transformation of the sector.

ŽP VVC s.r.o. acknowledges the strategic relevance of this initiative for the long-term competitiveness and sustainability of the Slovak steel industry, as well as its alignment with the environmental objectives set by the Slovak Republic and the European Union.

As an industry partner, we fully endorse the project's purpose and objectives. We are confident that its outcomes will contribute meaningfully to advancing industrial innovation and addressing environmental challenges.

Please feel free to contact us at beraxa.pavol@zelpo.sk for any further details or inquiries.

Yours sincerely,


Ing. Pavol BERAXA, PhD.
Director

