

Project Manager for hydrogen plasma smelting reduction (m/f/d)



Company description

K1-MET GmbH is the leading competence center for metallurgical future topics in Austria and unites the cooperation of related renowned industrial and scientific institutions. The optimization of current processes as well as the development and transition to ecological steel production represent our company philosophy. Our headquarters are located at the national pulse of metallurgy in Linz and Leoben. In this promising environment, we at K1-MET are engaged in the development and use of advanced technologies from the initial idea to industrial application to increase resource efficiency, sustainability, and product quality. The proximity as well as the intensive contact to industry and universities allows fast development loops from basic research to applied technologies.

Job description

You are motivated to engage in both autonomous work and as part of a team? You want to contribute not only with efforts in detail but also work towards the bigger picture? Then you might be the right person to join our team! You will be working in an environment with young and dedicated researchers on unique and relevant solutions for leading companies in the iron- and steelmaking as well as related sectors. Your primary responsibility will be to assist the project team in the design and optimization of the hydrogen plasma smelting reduction process. Your work will be focused on describing the physical and chemical features of the plasma as well as optimizing them for the reduction process. Collaborating with academic and industrial partners in national and international projects, you will contribute to an enhanced process understanding and the introduction of new and innovative methods to the metal producing industries.

Competences and experiences

We look for the following competences and experiences:

- Full academic qualification (Diploma/ Master or Doctorate/ PhD) of a technical discipline (Physics, Electrical Engineering, Process Technology, Engineering, Metallurgy etc.)
- Motivation for self-sufficient work in close cooperation with industrial and scientific partners and colleagues
- Social competences, accessible personality and abilities for constructive problem solving
- Competences in Plasma Physics and/or Electrical Engineering are an advantage
- Possibility for a PhD thesis is given
- Experiences in project management desirable
- Expertise in MS Office handling and good presentation skills required
- Proficiency in German and English language

Start of employment:	as soon as possible
Duration of employment:	unlimited
Type of employment:	Full time (38,5 h/week), flexible work hours
Place of work:	Preferably Leoben, Styria, Austria
Compensation:	The minimal gross salary for this position with a Diploma/ Master's degree is € 3.400,86; with Doctorate/ PhD degree € 4.546,07 (14 x p.a., full time according to the collective labour agreement of mining and iron-producing industries).

Does this position sound interesting to you? Then feel free to contact us with a CV, a motivation letter and references sent by email. The position is open starting right away until a suitable candidate is found. International applications are encouraged.

Employer:
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Contact:
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