

Table of contents

Nr.	Name	Title	Page
1	Bertignoll Hanno	PROfessional SLO Competence	2

PROfessional SLO Competence PhD School



Securing the Future of Raw Materials

Balancing Responsible Extraction of Resources and Related Social Impacts through the PRO-SLO Education Initiative

As more people use green and digital technologies, there will be more need for minerals and metals in the future. Secondary resources are limited, so a lot of this demand will come from extractive activities. These activities often have negative social effects that affect communities.

In response to these challenges, “Professional Social Licence to Operate (PRO SLO)” brings together experts from industry, research, and academia. This PhD summer school initiative aims to equip current and future mining industry leaders with the skills needed to navigate SLO processes effectively. The project will establish a PhD Summer school open to both academics and industry professionals, using innovative teaching methods to ensure participants gain thorough expertise in SLO’s complexities.

Surveys / Interviews
Hackathons
Multi-disciplinary teamwork
Online / on-site
Challenge-based
Student-centered

Pedagogy / Didactics

- » Student Centered Learning
- » Entrepreneurship & Innovation – Challenge Based Education
- » Asynchronous/Synchronous Teaching & Learning Environment
- » Transversal Skills – Creativity, Problem Solving, Critical Thinking...
- » Competence Based Training – Research, Communication, Collaboration
- » Workshops, Case studies, onsite Mine Visits
- » Expert Lecturers & Industry Mentors from across the EU

Lecture Topics (based on State-of-the-Art Research)

- » Social Licence to Operate (SLO) – Definition & Concepts, Importance of SLO in RM Industries...
- » Future Trends and Emerging Issues – Emerging challenges and Opportunities in SLO
- » Normative Ethics – grounds to understand Social/Political Discourse
- » Community Relations & Development – Case studies: Successful Community Engagement Initiatives
- » Cross-Cultural Collaboration – Fostering collaboration across diverse cultural & social contexts
- » Sustainability & the Circular Economy – Business Models
- » Environmental, Social, and Governance (ESG) – Reporting (What & How)
- » Risk Management and Resilience – Identify & Mitigate Social/Environment Risks
- » Effective Communication – Stakeholder Analysis & Management
- » Social Research Methodologies – Acquiring Sources of Information



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