

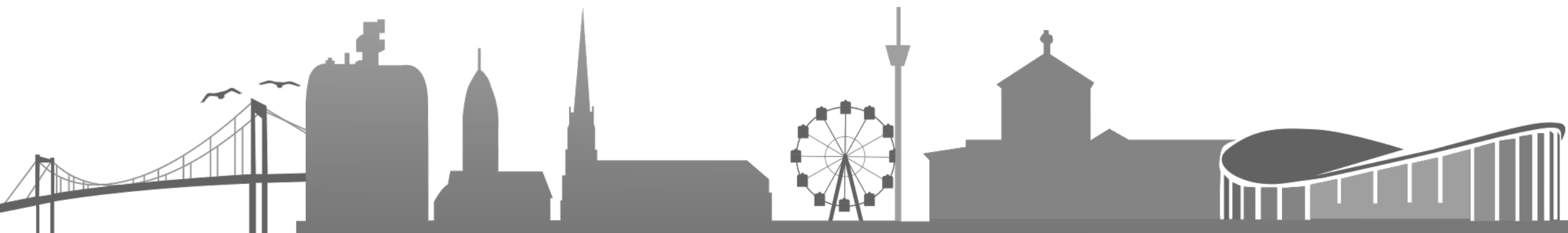


WS 6 – Capacity Building

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Capacity Building – Mining industry perspective

What do we mean with capacity building?

- Increase the number of people working in the fields of tailings
 - Increase the awareness of the importance of mining and tailings management for society and the environment
 - Promote tailings dams as a viable career path to young people
- Increase the level of competence (knowledge and experience)
 - Education
 - Training
 - Audience: Owners, consultants, regulators, academia



Capacity Building – Mining industry perspective

Which questions or topics are most important?

- Non-technical
 - Governance and management systems
 - Operations
 - Community engagement
- Technical
 - Stability
 - Hydrotechnical
 - Closure
 - Risk



Capacity Building – Mining industry perspective

What is most important for the industries (hydro and tailings)?

- From the TC L meeting on Monday, nearly every member highlighted the lack/limitation of competent people in the field of tailings
- Owners, consultants, and regulators



Capacity Building – Mining industry perspective

Numerous training opportunities developing

- Technical associations
- Universities
- TailEng
- Tailings Centre
- TailLiq
- Country training
- Regulator training
- Etc.



Planned Initiative

Tailings Training Portal

- To be hosted by SME





SME Tailings Portal

The Tailings Portal provides links to various resources (internal and external to SME) within focus areas including:

- Tailings planning;
- Design and construction;
- Operations and monitoring;
- Closure and reclamation;
- Governance;
- Case studies; and
- Technology and Innovation.



SME Tailings Portal (cont'd)

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SME Tailings Portal (cont'd)

- Development of an Education Resource Tab (Training Portal)
- To highlight programs developed at the university level, webinars, and short courses that promote education in tailings related fields.
- Searchable database
- Can support training development plans
- Future phases: identify competency gaps and plans to fill them



Initiatives taken

Panel discussion: **The Global Acceleration of Tailings Expertise**

<https://k2fly.com/landing/k2fly-gate-recordings/>

Andy Fourie:

"I believe it is crucial that industry become more engaged in addressing this issue and not wait for educational institutions to do the heavy lifting. There also has to be a clear career pathway for people who elect to focus on the technical aspects of tailings, rather than just overall management aspects. There is a lot to discuss, and related activities and training programmes are likely to evolve pretty quickly."

