

**Session Title:**

**Name:** Dolf Gielen

**Position:** The director of the IRENA Innovation and Technology Centre

**Abstract title:**

**Abstract text (within 100 words):**

Dolf Gielen is the IRENA Director for Innovation and Technology. Critical minerals and materials for energy transition constitute an important area of work for the Agency. Recent work has focused on lithium, rare earth elements as well as innovative EV battery designs. Also more than 60 countries participate in the IRENA Collaborative Framework Critical Materials which has three working groups: knowledge observatory, de-risking supply chains and ESG for mining projects.

The presentation will focus on the latest IRENA insights, with a focus on market trends and innovations to reduce critical materials dependency.