

ENVIRONMENTAL MANAGEMENT IN MINING



Source: Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development

ACTIVITIES

Refer to 'Visualizing the Importance of Environmental Management in Mining', the infographic above and the case study: *Rare Earth Elements*.

1. Identify the four sustainability in mining goals set by the Intergovernmental Forum on Mining (IGF).
2. Create a table with 2 rows and 3 columns. Create 3 headings, one in each column - use the first three sustainability goals identified in the infographic.
3. Using your knowledge about the production and consumption of Rare Earth Elements in China to add comments about sustainability in the table under each heading.
4. Write a concluding statement about the sustainability of mining REE in China based on the content of your table. Identify the criteria you used to make judgements about sustainability in your answer.
5. Name three emergency events that could impact on REE mines across the world.
6. Create a priority list of four actions for the Chinese government to implement achieve sustainable production in its REE mines.

Skills activities created by Lorraine Chaffer using the IGF infographic from Visual Capitalist (Permission to use granted by IGF).