



# Directional Thinking Exercise

Leveraging Mineral Wealth for Sustainable Post-Mining Transition

COP: Resilient Futures – What to do next?



# Our Questions: How can we...

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- ... leverage mineral wealth for the energy transition by focusing on the gaps and opportunities in our Research and Development processes?
- ... harness and cultivate partnerships for developing opportunities to leverage Mineral Wealth for the Energy Transition?
- ... best implement our findings to contribute to sustainable post-mining transitions
- ... promote, through dissemination of our findings, an enabling policy climate for to sustainable post-mining transitions?
- ... promote, through dissemination of our findings, a regulatory environment that will enable sustainable post-mining transitions?
- ... maximise efforts to procure and generate funding and opportunities to leverage Mineral Wealth for the Energy Transition?



- Information
- Data
- Figures
- Documentations

*As information we have sales forecasts ...*

**Facts**



- Advantages
- Benefits
- Opportunities
- Opportunism

*There is no risk because ...*

**Positiveness**



- Global vision
- Process
- Supervision
- Abstract - Conclusions

*Can we have a summary of your thoughts ...*

**Managing**



- Feelings
- Intuitions
- Forebodings

*I am convinced that ...*

**Emotions**



- New vistas
- New concepts
- Other solutions

*We could complete the project in a different way ...*

**Creativity**



- Risks
- Negative impacts
- Omission
- Negative aspects

*We do not have the skills to do this ...*

**Hazard**





Towards Resilient Futures DST/NRF Community of Practice II  
 Use of Fibre-rich Biomass in the Remediation of Degraded Mining Land

**Using a Multi-Disciplinary Approach to Explore Opportunities for Economic Diversification in Mining-Intensive Jurisdictions**  
 CoP II WORKSHOP #4 | Friday 10<sup>th</sup> February 2023 | 09H00-15h00 | Hybrid: Vineyard Hotel & Zoom

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**ROUND TABLE DISCUSSION**  
 Directional Thinking using De Bono's "Thinking Hats"

|   |        |   |        |
|---|--------|---|--------|
| <b>DESIRED OUTCOME (Big Picture Question)</b><br><b>How can we ...</b><br><i>... leverage mineral wealth for the energy transition by focusing on the gaps and opportunities in our Research and Development processes?</i> |        | 5 min   |        |
| <b>FEELINGS / EMOTIONS</b><br>(How do we each feel about this?)   | 5 min  | <b>PEOPLE / STAKEHOLDERS</b><br>(Who is impacted?)                          | 5 min  |
| <b>CURRENT REALITY</b><br>(What do we know / what don't we know?)   |        | 15 min  |        |
| <b>POSITIVES, STRENGTHS &amp; OPPORTUNITIES?</b><br>(current & <u>potential</u> )   | 10 min | <b>NEGATIVES, THREATS &amp; WEAKNESSES</b><br>(current & <u>potential</u> ) | 10 min |
| <b>INNOVATIVE IDEAS</b><br>(If money and time was not an issue, and anything was possible ... Go WILD!)   |        | 20 min  |        |
| <b>ACTION STEPS</b><br>(What to do next?)   |        | 10 min  |        |