





# DIAMOND FUTURESMART<sup>TM</sup>



Re-imagining Diamond Mining to Improve People's Lives Chidliak a New Mine Paradigm











Most promising greenfield deposits are in remote locations with no, or limited infrastructure



It's our responsibility to respect the natural world and improve the lives of people along a diamond's journey



WHY DO WE NEED TO TRANSFORM DIAMOND MINING FOR A SAFER, SMARTER, MORE SUSTAINABLE FUTURE?



Kimberlite resources are getting smaller. Finding deposits that can be extracted economically is becoming challenging



External Pressure on Diamonds

### DIAMOND FUTURESMART<sup>TM</sup>

#### How does Diamond FutureSmart™ and Chidliak fit together?



### **Imagine a Mining World**

Where Communities Prosper and Thrive

Where Ethical Sources are Traced

Where the Natural World is Respected

Where Technology is Beneficial to All

Where Safety is Supreme

Where Work Life Balance is Embraced

Where Equal Opportunity and Gender Diversity are Norms













### DIAMOND FUTURESMART<sup>TM</sup> GUIDING PRINCIPLES

Guide the development of the diamond mine of the future

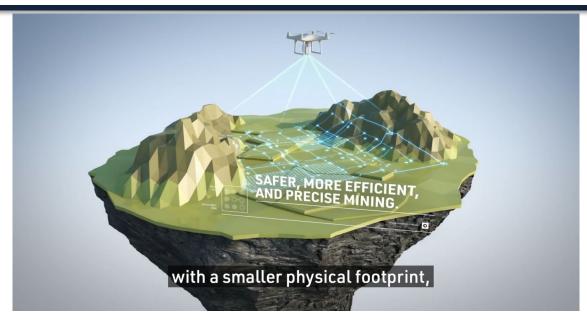




### DIAMOND FUTURESMART<sup>TM</sup>

**The Future Mining Paradigm** 

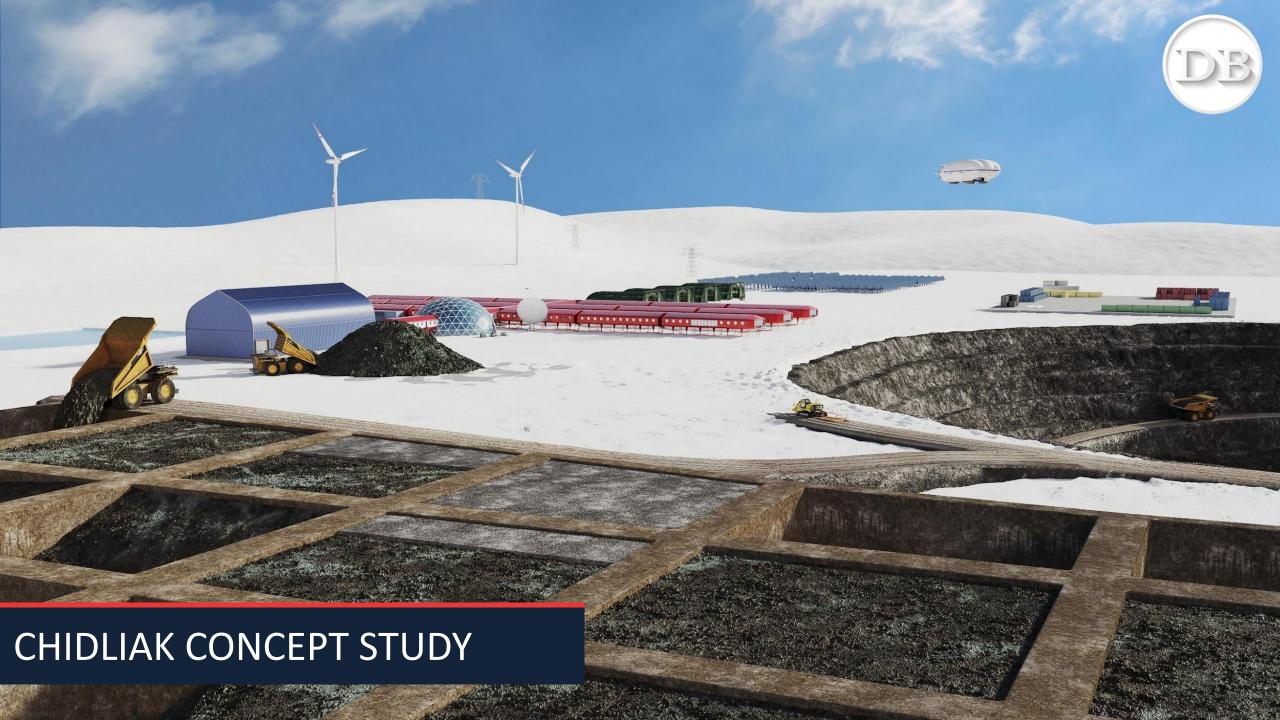












### **DE BEERS CANADA**

Office, Operations, and Chidliak Project

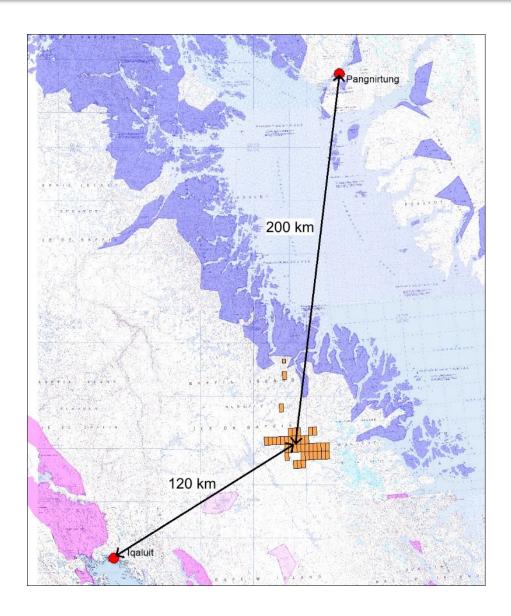




### **PROJECT LOCATION**

### ۸حملا مأوه





### **Project Location**

- 200 kilometers south of Pangnirtung (pop. 1481)
- 120 kilometers northeast of Iqaluit (pop.7,740)

#### Access

- Air (helicopter & fixed wing)
- Winter Trail (seasonal, tracked vehicles)

#### 

- 200 Pc Γ΄CΓ' σΓσ° σ° σ΄ (ΔρΓσ° 1481)
- 120 PC Γ΄CΓ' ÞΦ° Δ° ΚΑΝΤΟΘΕΙΝΕΙ
  Δ° ΔΩΓΦ° Τ΄ 7,740)

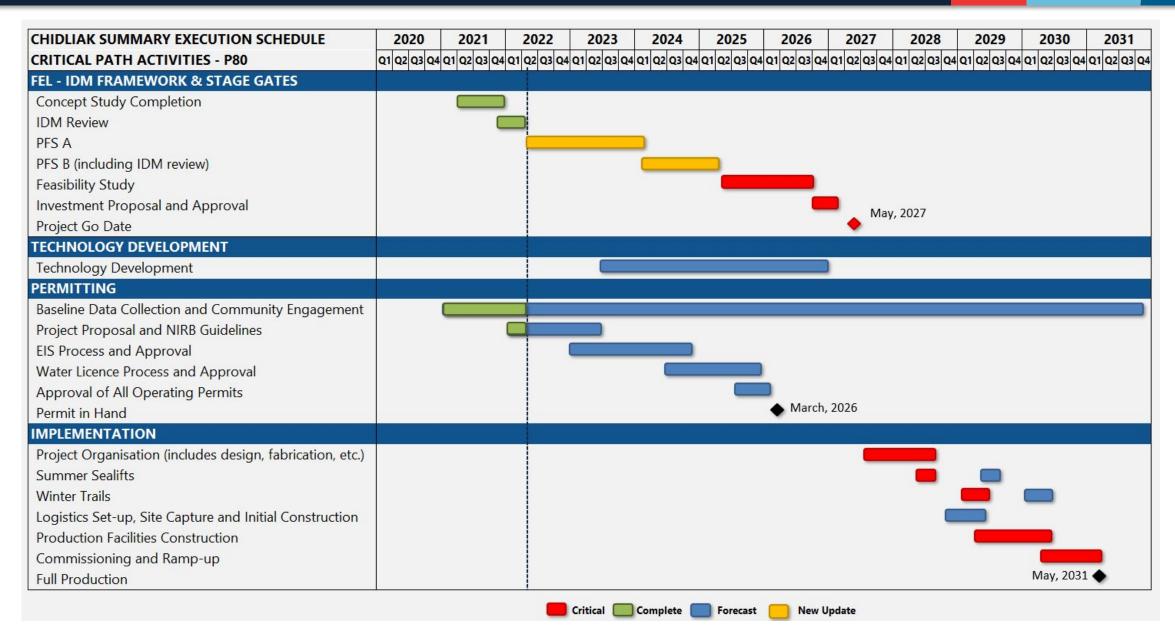
#### $\Delta Y P^{e} \Phi^{s} \sigma^{s} \Gamma^{c}$

- 'b%\C'ed' ('dċj'cbd' Δ\PCbd'\_)
- PPP<sup>6</sup>d<sup>6</sup> Λλ<sup>6</sup>δ<sup>6</sup> (λ⊂ LC<sup>6</sup>DJ, (tracked) Δ<sup>6</sup>Γ<sup>6</sup>G<sup>6</sup>D)

#### CHIDLIAK EXECUTION

#### The Schedule – Work in Progress

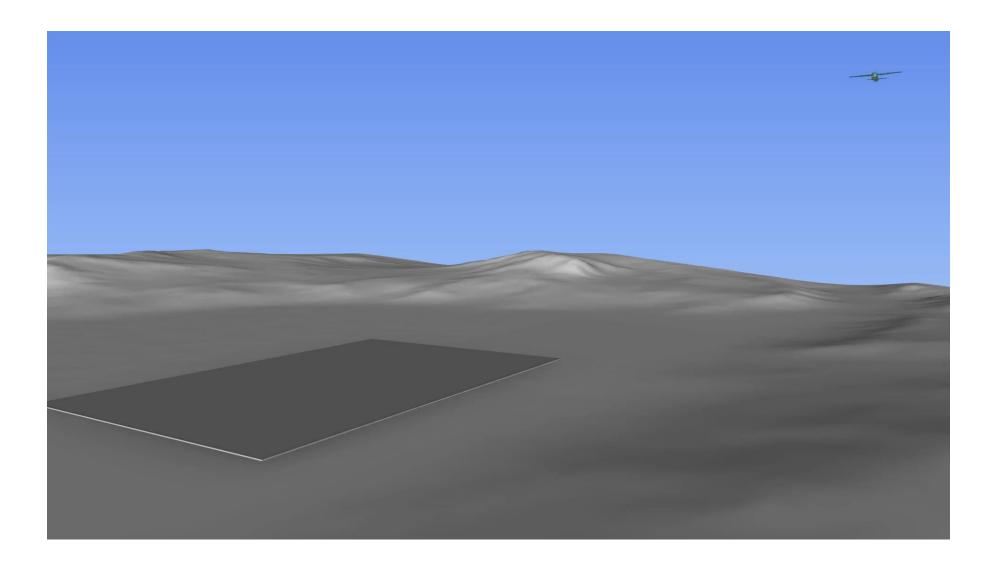




# **FUTURE OF WORK**

### Changing the way that we construct our mines

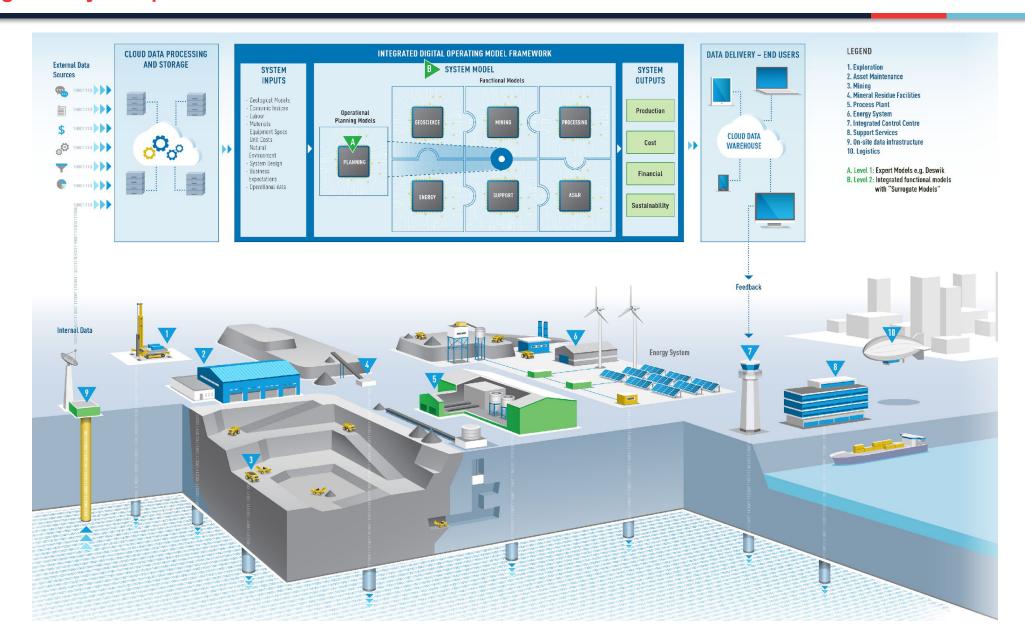




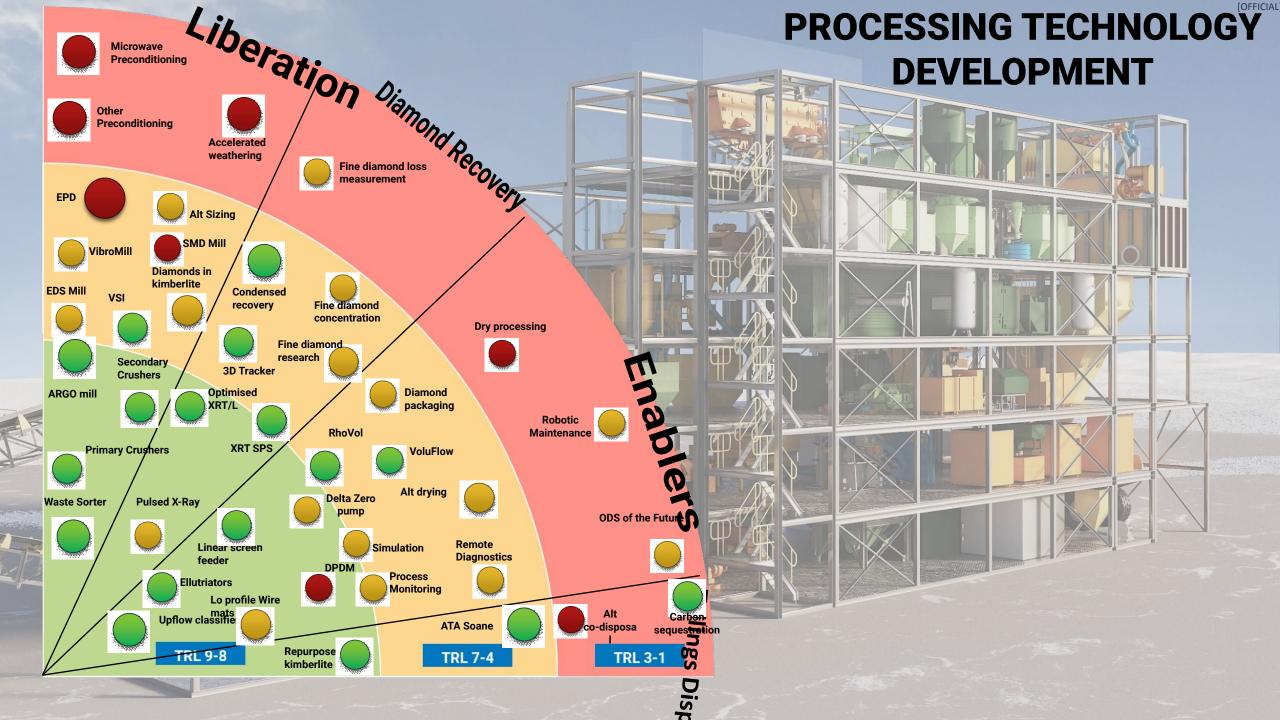
### **FUTURE OF WORK**

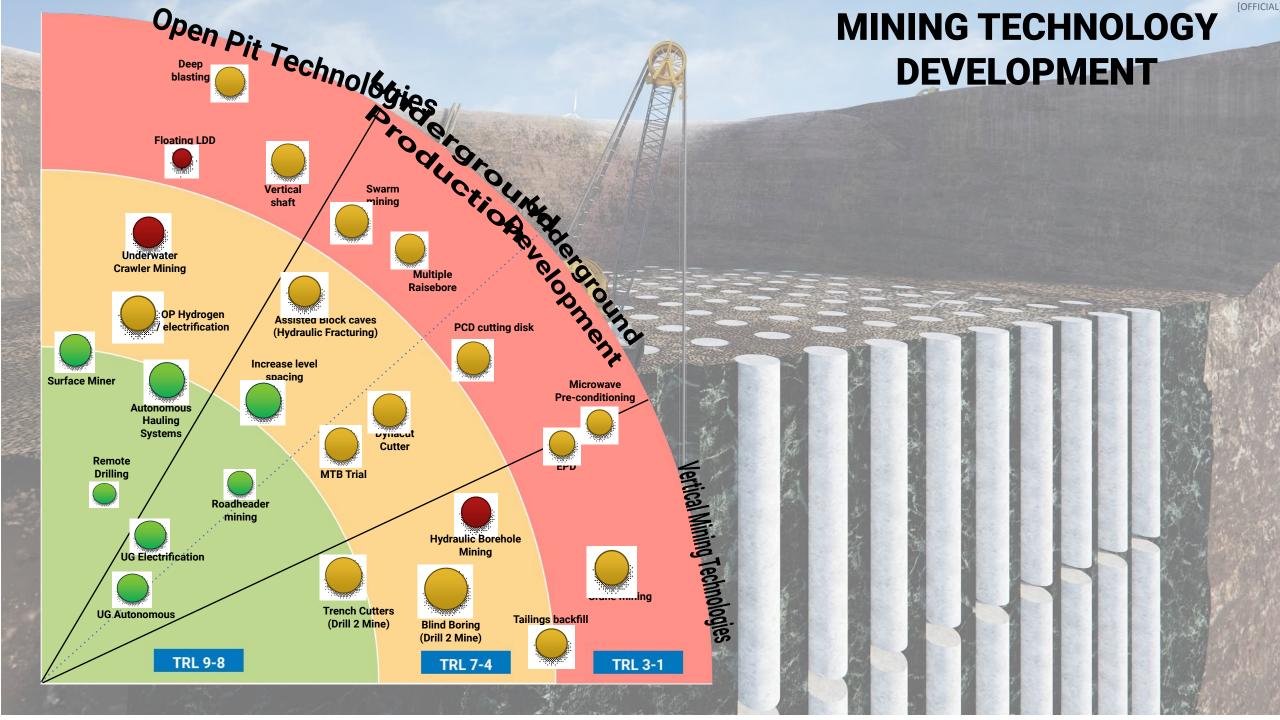
#### Changing the way we operate

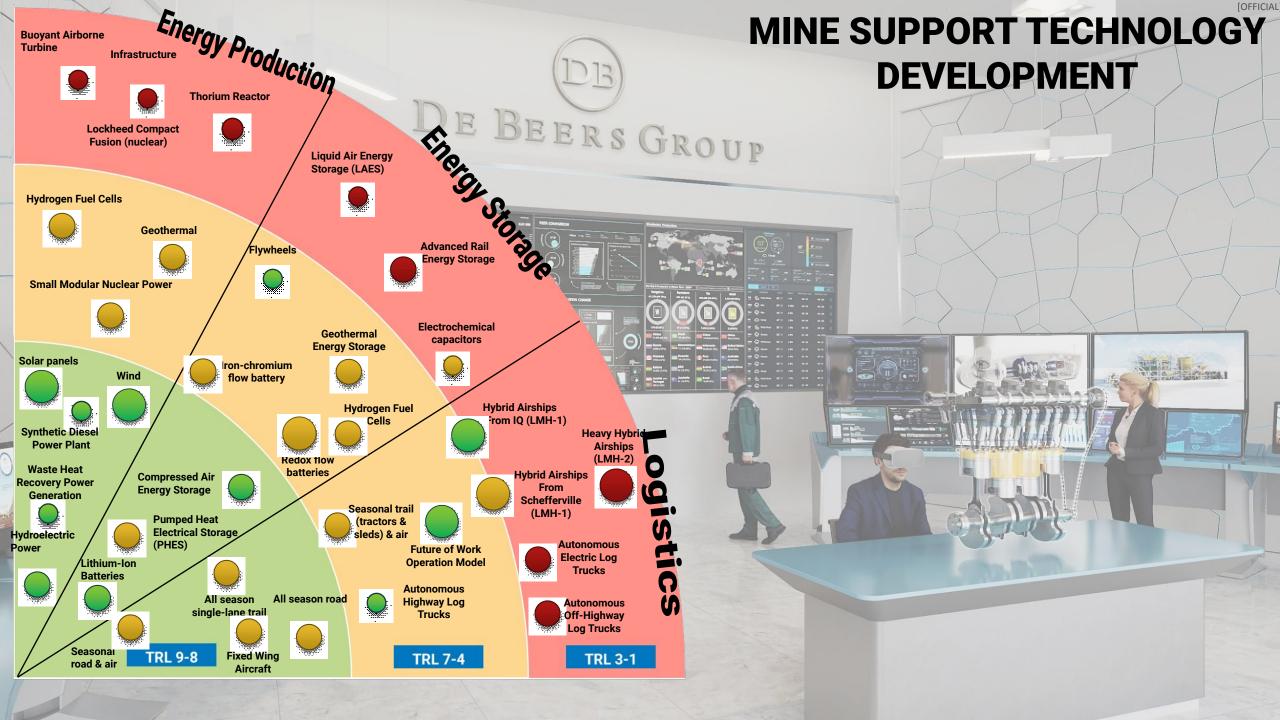










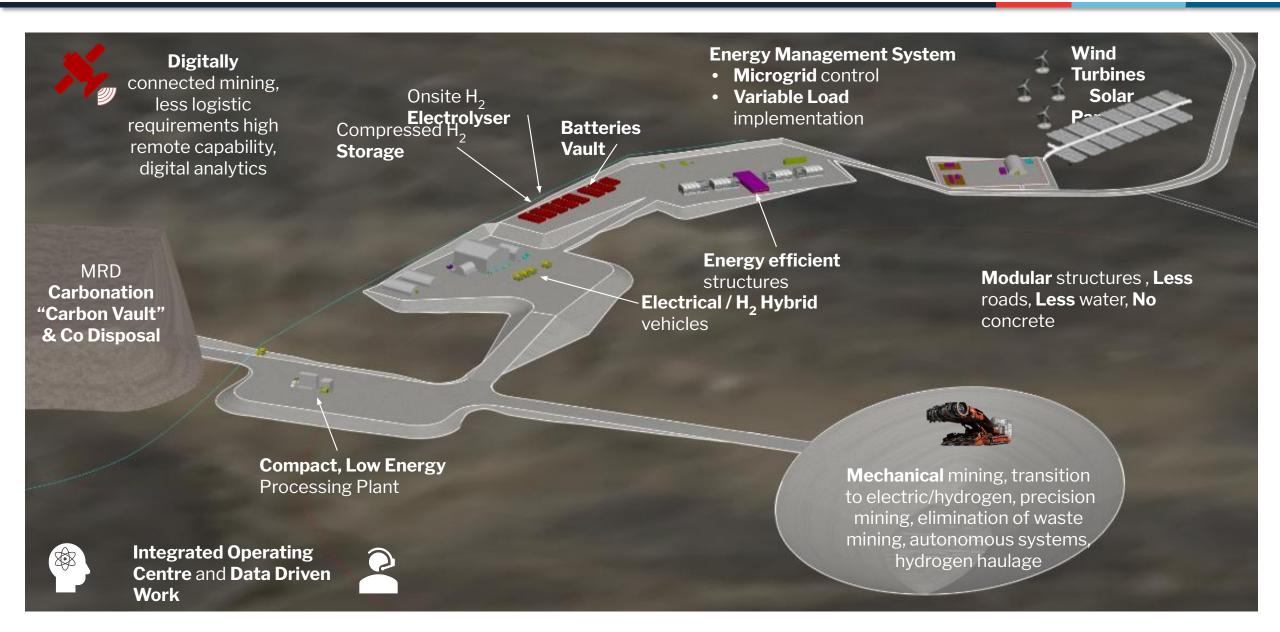




#### THE FUTURE MINE IS DIFFERENT

Requires a different perspective and skill set













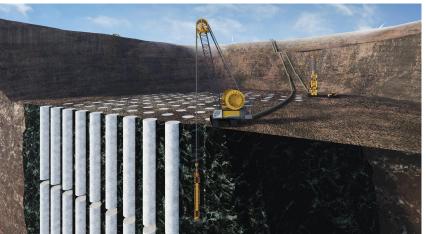




Technology, digitalization & sustainability working hand in hand



Diamond FutureSmart<sup>™</sup>







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