

ABB GMD User Meeting

Bilbao, Spain

August 30–September 2, 2023



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Wednesday, August 30 | **Day 1: Ring Motor Factory tour & parallel schedule**

08:00–08:30

Welcome speech – Wilson Monteiro

08:30–09:00

Introduction to ABB Ring Motor Factory – Mikel Torre

Group 1

09:00–09:30

Transfer from hotel to factory – Group 1

09:30–13:30

Factory visit

13:30–14:00

Transfer back to hotel

14:00–15:00

Lunch at hotel – Group 1

15:00–15:30

ABB GMD system overview and manifesto: our mission in action

15:30–16:00

Reflections from previous GMD User Meeting and impact on ABB design

16:00–16:30

Coffee break

16:30–17:00

Decarbonizing the mining industry from grid-to-wheel

17:00–17:30

GMD quiz

17:30–18:30

Meet the experts

Group 2

09:00–09:30

ABB GMD system overview and manifesto: our mission in action

09:30–10:00

Reflections from previous GMD User Meeting and impact on ABB design

10:00–10:30

Coffee break

10:30–11:00

Decarbonizing the mining industry from grid-to-wheel

11:00–11:30

GMD quiz

11:30–12:30

Meet the experts

12:30–14:00

Lunch at hotel – Group 2

14:00–14:30

Transfer from hotel to factory – Group 2

14:30–18:30

Factory visit

18:30–19:00

Transfer back to hotel

19:30

Get-Together Networking Cocktail – Hotel Terrace

Thursday, August 31st | **Second Day of Meeting**

08:15–08:30

Opening

08:30–09:30

Thoughts on the copper market and a price outlook in light of a changing world – **Keynote speaker Mr. Edward Meir** (President of Commodity Research Group)

09:30–10:00

Lessons learned from Quebrada Blanca II project

10:00–10:30

Predictive Maintenance for Grinding Platform and Remote Troubleshooting tool

10:30–11:00

Coffee break

11:00–11:30

Protecting your GMD against Cyberthreats

11:30–12:30

Demo exhibits

12:30–13:30

Lunch at hotel

13:30–14:00

The Power of Flexibility: Harnessing GMD's for grid stability through Frequency Containment Reserve (FCR)

14:00–14:30

Power quality issues in Mining – Statcom solution

14:30–15:00

GMD new feature launch

15:00–15:30

Coffee break

15:30–16:00

GMD winding topology and design improvements

16:00–16:30

Innovations on ring motor design – case study Andacollo

16:30–17:00

Stretching the limits – very large GMDs in extreme ambient conditions

17:00–17:10

Closing

19:15–23:00

Private tour and Formal Dinner at Guggenheim Museum Bilbao

Friday, September 1st | **Day 3 of Meeting**

08:45–09:00

Opening

09:00–10:00

Discovering the next phase in the mining industry – **Keynote speaker Mr. Diego Hernández** (Board Director at Nexa Resources. Corporate Director at Mexican Group BAL)

10:00–10:30

Maintenance best practices and evolution of the long-term service agreement

10:30–11:00

Coffee break

11:00–11:30

Supportline cases, success stories

11:30–12:00

Increasing safety and reducing maintenance efforts on GMDs

12:00–12:30

Atalaya Mining: from installation to best in class operation

12:30–13:00

Benchmarking Industrial Grinding Efficiency

13:00–14:00

Lunch at hotel

14:00–15:00

Round the table discussions:
– Sustainability and circular economy in action
– Life Cycle Asset Management
– End to end approach for risk mitigation in GMDs
– Digitalization in Grinding

15:00–15:30

Closing

15:30–17:00

Individual meetings (optional)

Saturday, September 2 | **San Sebastian Tour**

09:30–18:00

Group tour to San Sebastian