

# Management & Ethics **¡vamos!**

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BMT Group Ltd

PF Meeting 30<sup>th</sup> March 2017





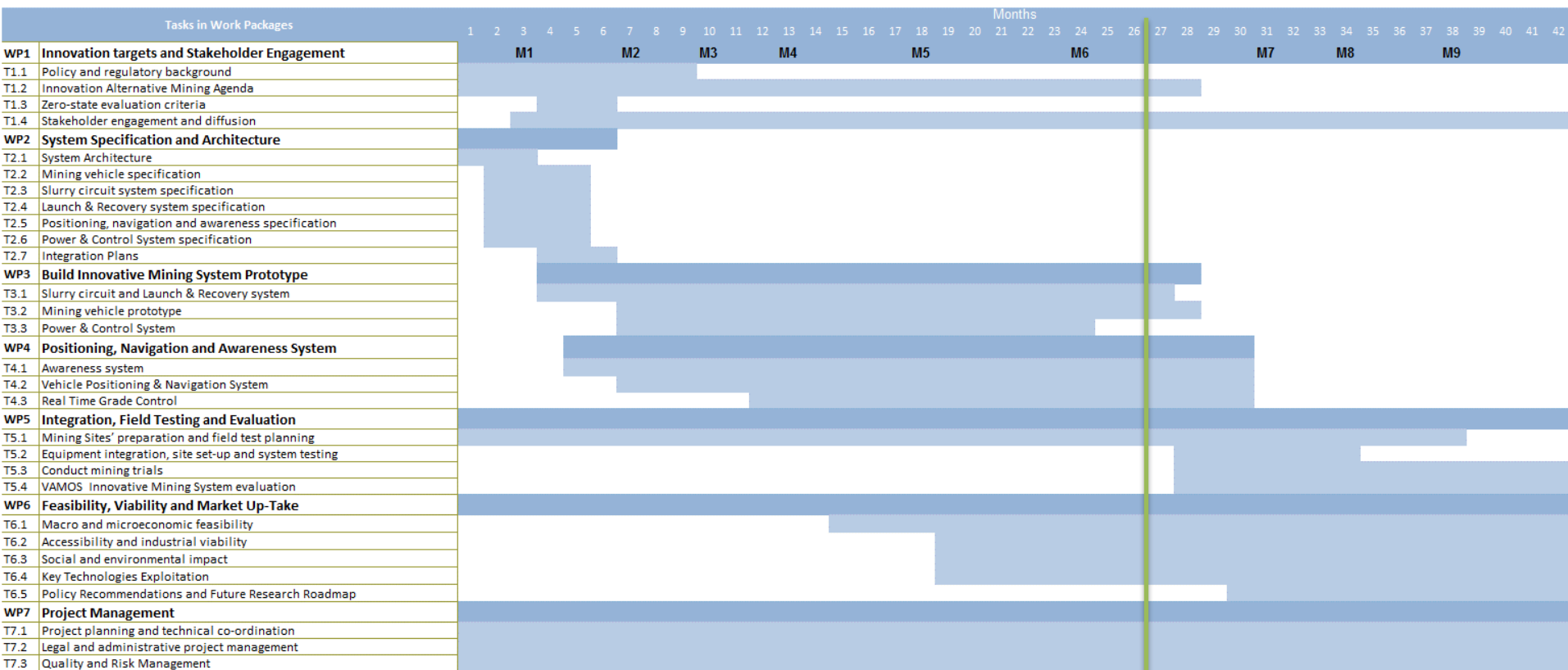
# Management



- Gantt
- Management structure
- Tools
- Deliverables list
- Milestones list
- Reporting
- Use of resources
- Contract changes

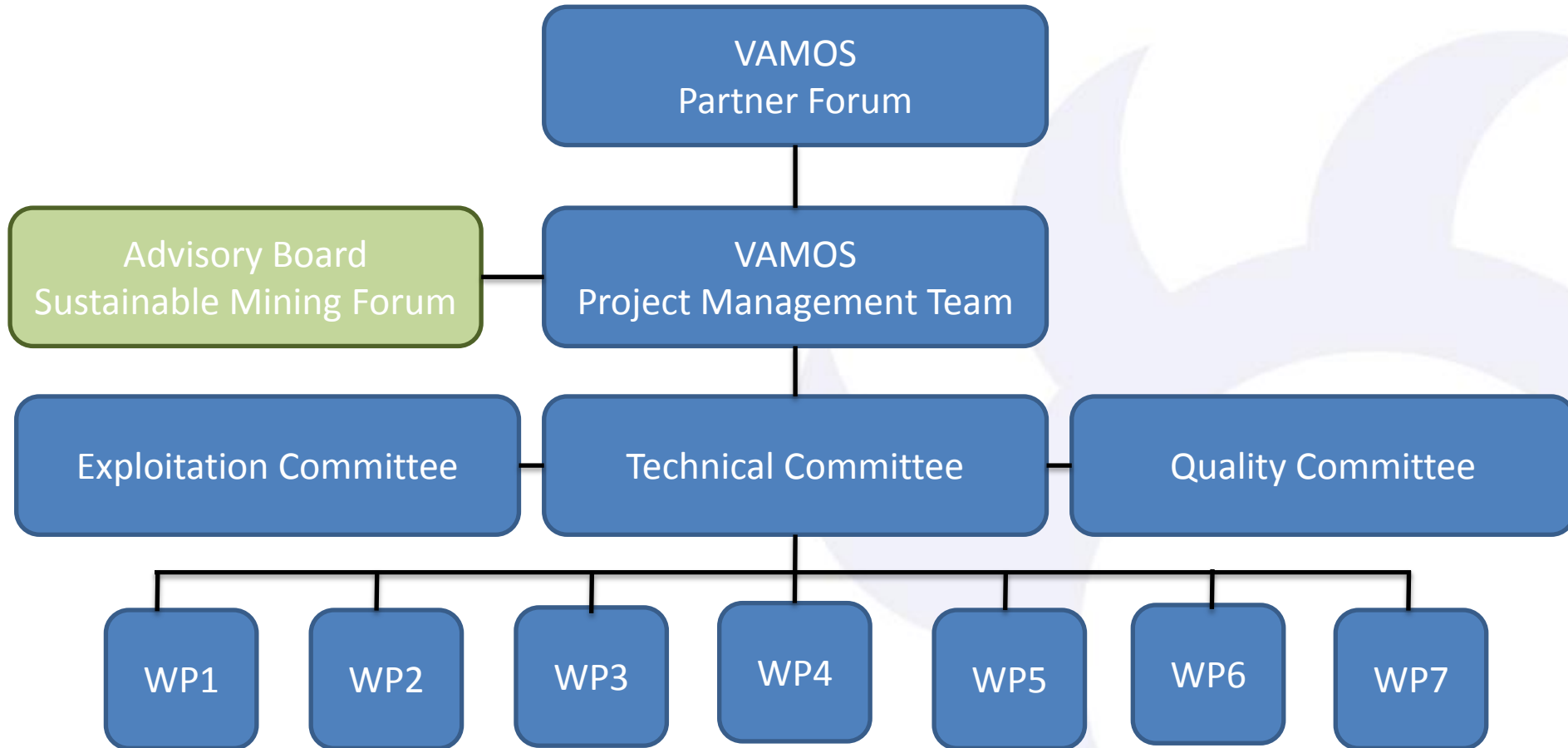


# Time Plan





# Management





# Monitoring



Office 365

BROWSE PAGE FILES LIBRARY



Excel Online

jrainbird@bmtmail.com

### VAMOS Documents

- Project Manual v3
- Deliverable Dates
- Deliverable Temp\_CO
- Deliverable Temp\_PU
- SharePoint Instruction

### VAMOS Calendar

### VAMOS Contact List

### WP2 Integration Register

### VAMOS QA & Doc Control

- WP Leaders
- Peer Review Members
- Submit Peer Reviewer
- Deliverables, Interim & Final
- Risk Register
- Submit Identified Risk
- KPI Register
- Submit KPI for your WP

### Site Contents

### Recent

### Quick-Link Icons

### Recycle Bin

VAMOS: VAMOS - Integration Register Rev 2.001

Links Disabled Links to external workbooks are not supported and have been disabled.

INTERFACE TABLE - DATA & SIGNALS										
Communication										
	From	To	How	Participant Document Number	VAMOS Document Number	Revision	Due Date yyyy/mm/dd	Status	Complete Date yyyy/mm/dd	
13	Feedback to the control system to enable closed loop control via	SAND	SMD	Drawing Document	TBC	TBC	TBC	Pending		
14	Click to the control system to allow monitoring of the blade position. SMD cylinders so no communication required	SMD	SAND	N/A	N/A	N/A	N/A	N/A	N/A	
15	Position etc. These are fed back to the control system to enable closed loop control and total number of sensors.	DAMEN	SMD	Drawing Document	R1600308_01_02_00A_908.pdf (Diagram Slurry Circuit) R1600308_14_02_00A_908_Sensorist_Slurrysystem.pdf R1600308_10_02_00A_90_Sensorist_Slurrysystem-Rev02.pdf	TBC	2016/02/15	Complete	3/21/2016	
16	Lead and to facilitate subsea control and high speed near field video. S&S & POWER REQUIREMENTS.	INESC	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		
17	Lead on equipment supplied and nature of connections, DATA SHEETS & POWER REQUIREMENTS.	INESC	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		
18	Lead on equipment supplied and nature of connections, DATA SHEETS & POWER REQUIREMENTS.	INESC	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		
19	Lead on equipment supplied and nature of connections, DATA SHEETS & POWER REQUIREMENTS.	INESC	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		
20	Lead on equipment supplied and nature of connections, DATA SHEETS & POWER REQUIREMENTS.	INESC	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		
21	Lead on equipment supplied and nature of connections, DATA SHEETS & POWER REQUIREMENTS.	Fugro	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		
22	Lead on equipment supplied and nature of connections, DATA SHEETS & POWER REQUIREMENTS.	INESC	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		
23	Lead on equipment supplied and nature of connections, DATA SHEETS & POWER REQUIREMENTS.	INESC	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		
24	Lead on equipment supplied and nature of connections, DATA SHEETS & POWER REQUIREMENTS.	INESC	SMD	Drawing Document	TBC	TBC	6/17/2016	Pending		

- WP6 Feasibility, Viability and Market Up-Take (CF)
- WP7 Project Management (BMT)
- WP8 Ethics Requirements
- List of definitions and abbreviations



# Deliverables



#	Name	Lead	Delivery date	Achieved
D1.1	Policy and regulatory background	MUL	31 Oct 2015	✓
D1.2	Innovation Agenda	CF	31 May 2017	✓
D1.3	Zero-state environmental and geo-hazard evaluation criteria	GeoZS	31 Jul 2015	✓
D1.5	Stakeholder workshop reports	EFG	30 Nov 2015	✓
D1.6	Dissemination, Web Portal and publication material	DAM	31 Jul 2018	✓
D2.1	¡VAMOS! System Architecture	SMD	30 Apr 2015	✓
D2.2	Mining vehicle specification	SMD	30 Jun 2015	✓
D2.3	Slurry circuit system specification	DAM	30 Jun 2015	✓
D2.4	Launch & Recovery system specification	DAM	30 Jun 2015	✓
D2.5	Positioning, navigation and awareness specification	INESC	30 Jun 2015	✓
D2.6	Power & Control System specification	SMD	30 Jun 2015	✓
D2.7	Integration Plans	SMD	31 Jul 2015	✓



# Deliverables



#	Name	Lead	Delivery date	Achieved
D7.1	Progress Technical Reports	SMD	31 Jul 2018	✓
D7.3	Project Manual and Detailed Project Plan	BMT	31 Jan 2017	✓
D8.1	POPD - Requirement No. 2	BMT	28 Feb 2015	✓
D8.2	EPQ - Requirement No. 8	BMT	28 Feb 2015	✓
D8.3	EPQ - Requirement No. 7	BMT	28 Feb 2015	✓
D8.4	POPD - Requirement No. 1	BMT	28 Feb 2015	✓
D8.6	POPD - Requirement No. 3	BMT	28 Feb 2015	✓
D8.7	NEC - Requirement No. 5	BMT	28 Feb 2015	✓
D8.8	EPQ - Requirement No. 6	BMT	28 Feb 2015	✓
D8.9	NEC - Requirement No. 4	BMT	28 Feb 2015	✓
D3.2	Riser and hose systems	TRE	31 Jan 2016	X



# Milestones



#	Name	Lead	Delivery date	Achieved
1	Step up of project baseline	BMT	01:05:15	✓
2	Innovation Agenda and Overall System Specification validated by the Advisory Board	DAM	01:09:15	✓
3	1st stage development of the mining system prototype and its automations complete	SMD	01:12:15	✓
4	Update Innovation Agenda and 1st stage mining system prototype validated by the Advisory Board	EFG	01:07:16	✓
5	2nd version of Positioning, Navigation and Awareness System validated by the Advisory Board and outputting feasibility data	BMT	01:08:16	✓
6	Progressed version of the mining system prototype and initial exploitation plans validated by the Advisory Board	SMD	01:02:17	✗
7	1st site field test execution and results feedback to the Advisory Board and feasibility and viability reports	INESC	01:09:17	-
8	2nd site field test execution and results feedback to Policy Recommendations and Future Research Roadmap	BMT	01:12:17	-
9	Progressed versions of Feasibility, Viability and Environmental Impact reports validated by the Advisory Board	BMT	01:04:18	-





# Reporting



- Internal reporting
  - 6<sup>th</sup> monthly via the Sharepoint system
  - Next reporting session will be M25-30
- Official reporting
  - M18, M36, M42

# Partners who haven't reported

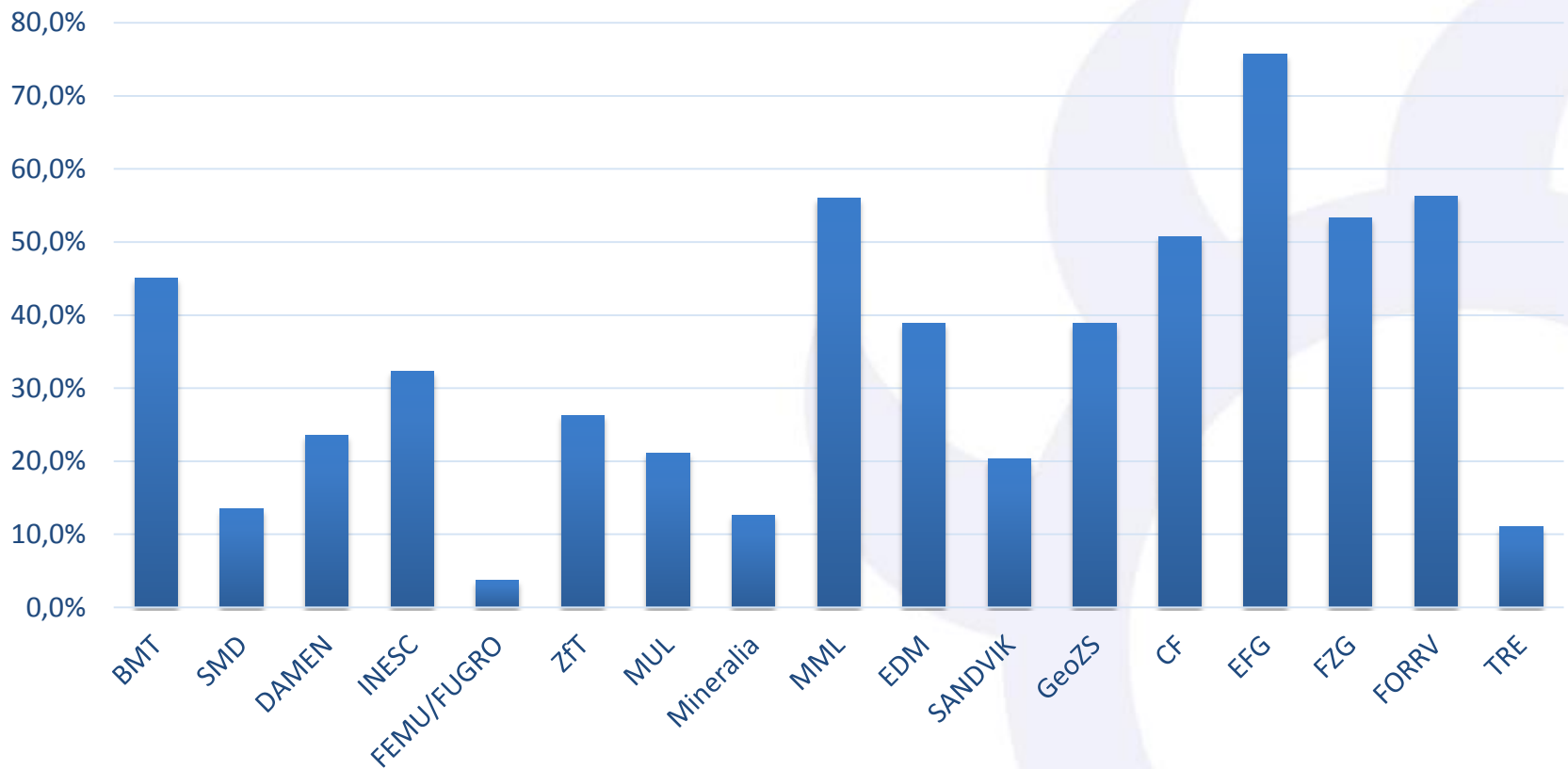
- Trelleborg
- Sandvik
- DAMEN
- FUGRO
- MUL
- CF



# Use of Resources



% of budget spent



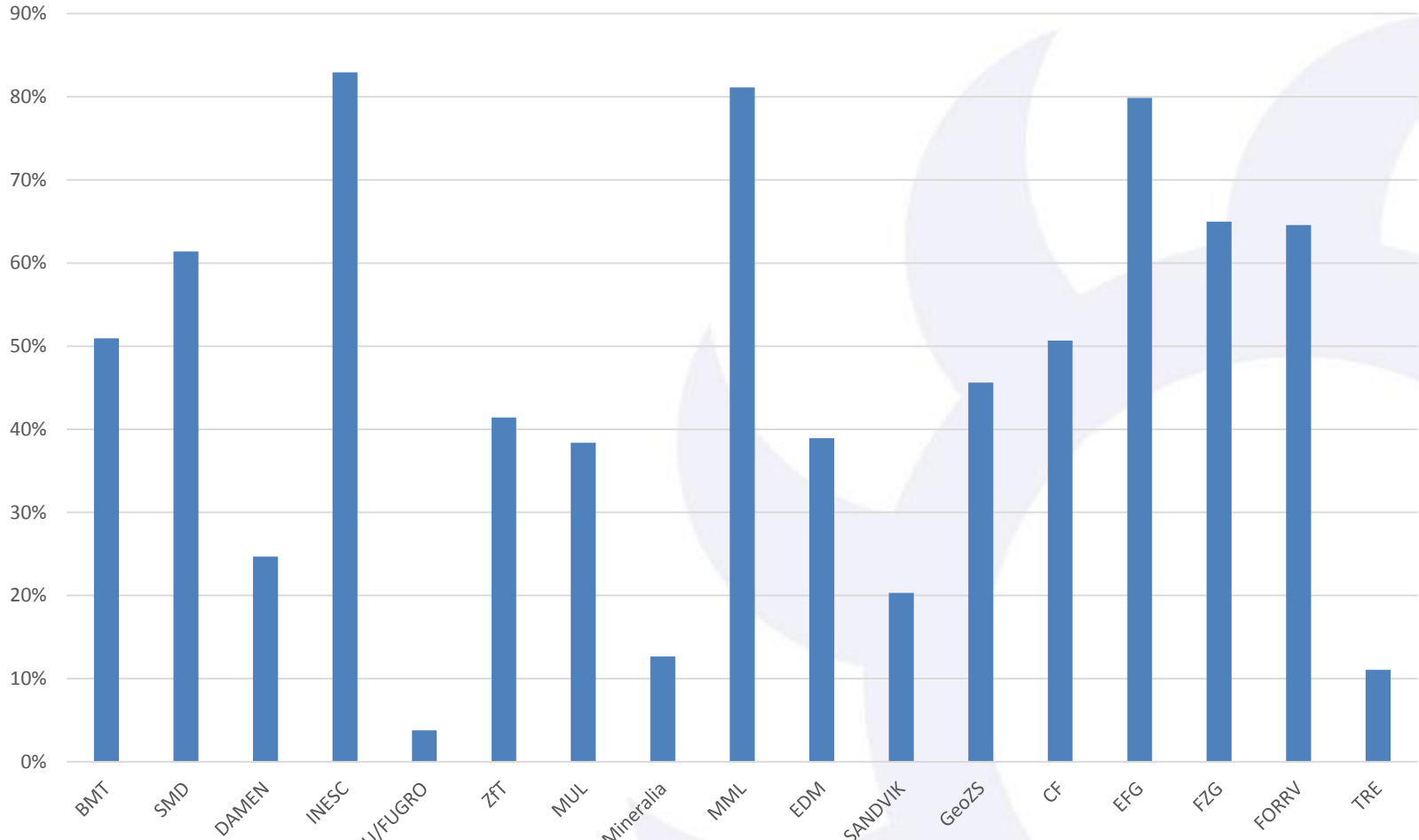
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 642477



# Use of Resources M24



% budget spend to M24



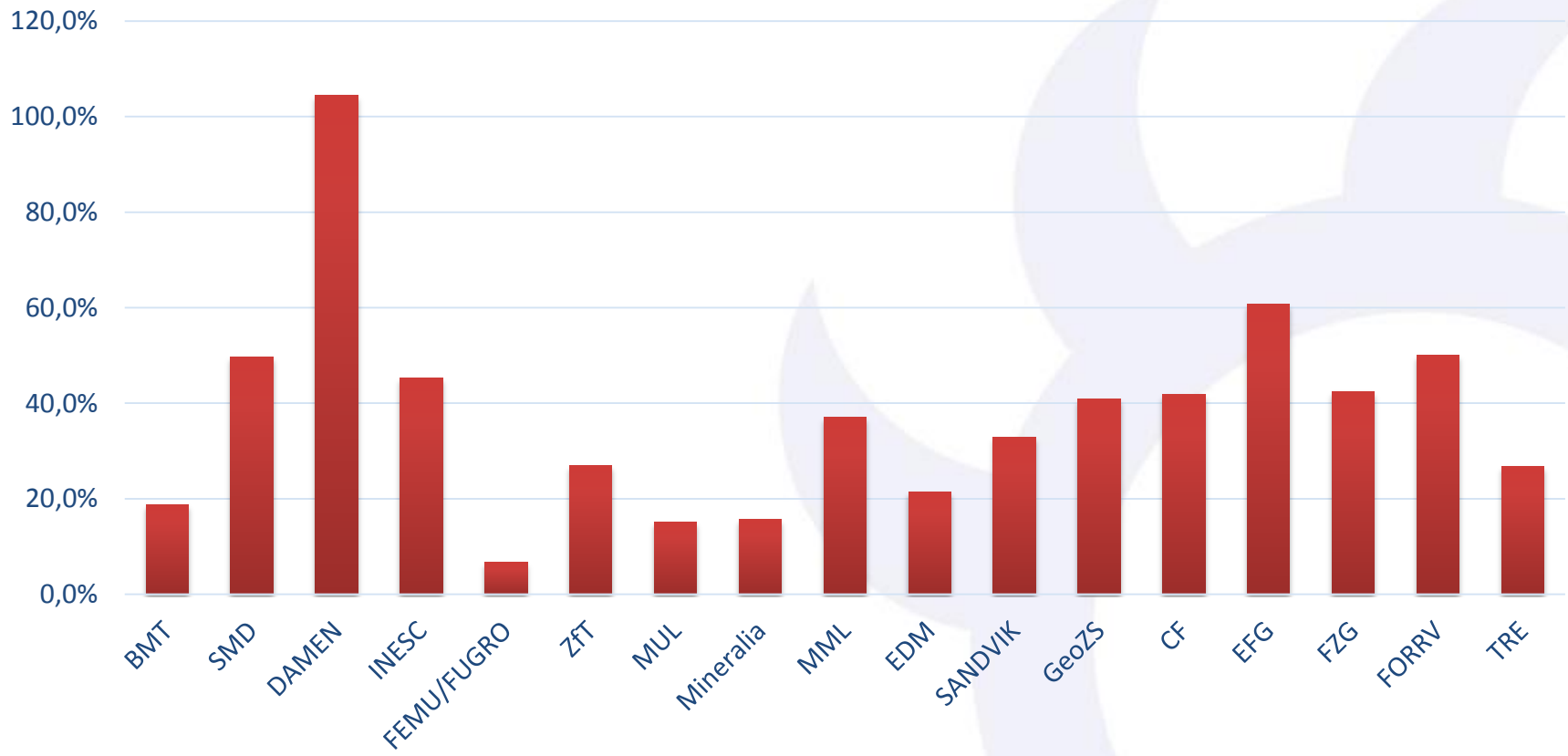
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# Use of Resources



## % of MM spent

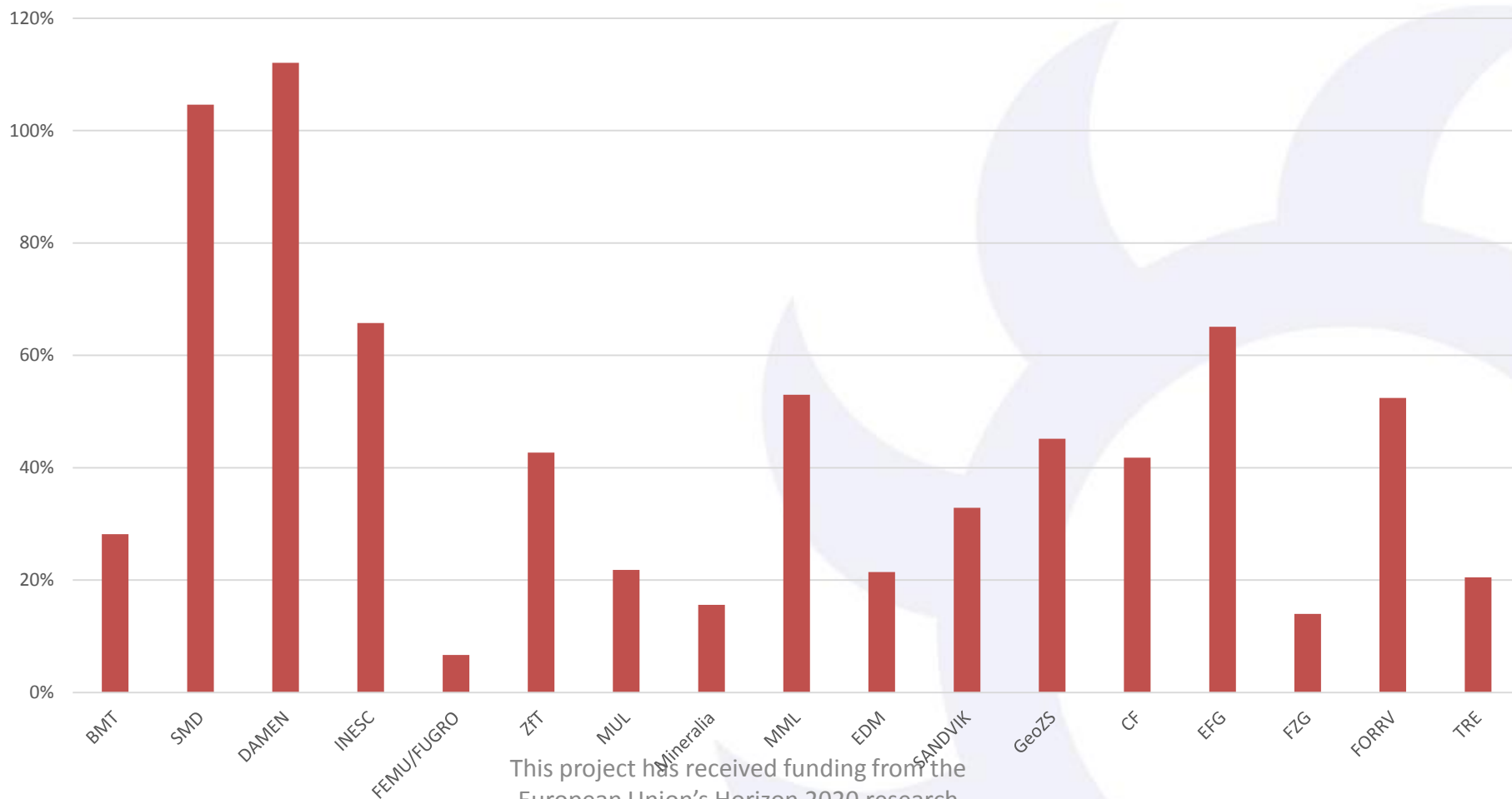




# Use of Resources M24



% of total MP spent against budget



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 642477



# Contract Amendment



- 2<sup>nd</sup> Amendment changes....
  - Change of name
  - Reduction of internal deliverables
  - Reduction in mine sites
  - Transfer of budget from DAM > SMD