

INVESTOR PRESENTATION

BBM GROUP MINING



Quality Leads To Quantity

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INVESTMENT HIGHLIGHTS

BBM offers comprehensive general contractor services and manufactures its own high-quality road headers for the mining and tunneling industries. The Group offers a potential investor the outstanding opportunity to acquire its established mining segment in Bosnia-Herzegovina – an integral part of BBM's market leadership in mining and tunneling in southeast Europe.

GOLD SPILIT LIMESTONE MAGNESITE COAL



High capacity potential

Current capacity up to 3 m tons/year (can be increased up to 15 m tons/year with additional investment)



Highest technological standard

The company operates based on latest high-end technology.



Financial stability

The company has no liabilities to banks or third parties.



Sustainable long-term securities

The company holds a concession for the extraction of limestone and ingenious hard rock (Spilit) for a total of 40 years (23 years left) with the possibility of extension for a further 20 years.



Wide range of assets

Over € 35 m have been invested to date (equity capital). Today, this value is reflected in the assets such as land, objects, machines and two processing lines.



Strategic locations and immediate market entry

The reserves and resources of BBM Vares are geo-strategically centrally located and enable unique economic, political and socio-cultural links in this region.



Market leadership

It holds a leading position (monopoly status) both in quality and quantity in the mining, and processing of stone aggregates for the civil engineering (railway and road infrastructure) in southeast Europe.



THE BBM GROUP - KEY FACTS



CERTIFICATIONS								
AMS	SCP	DIN	ISO 9001:2015	DIN ISO 14001:2015	ISO 45001/2018	SCC	SGU	GQA



THE COMPANY PROFILE

BBM Overview



The BBM Group is a family-owned business **based in Germany and Bosnia-Herzegovina**



Across all locations and business units, BBM has a workforce of > 1000 employees



The Group's business is centered on **three complementary pillars**, in each of which it has more than 30 years of experience: **Mining**, **Civil Engineering** and **Mechanical Engineering**



Over the past few years BBM has achieved market leadership in the capacity and deposits/reserves of hard rock and limestone in southeast Europe where the Group holds several mineral deposits and a comprehensive construction infrastructure including high-capacity production of construction materials



Ongoing transfer of existing expertise to high-end areas in the manufacturing sector or to industry-related services through organic growth and acquisitions



The service portfolio also includes **new project elements such as maintenance and remediation of abandoned shafts** as well as the creation of underground cavities for storage of hazardous (radioactive) waste in Germany

BBM's Branches BBM Civil Mechanical Engineering Revenue Split By Branch The company follows a holistic approach with a strong focus on mining:

■ Mechanical Enginerring

90%

■ Civil Engineering

Mining



Around 90% of BBM's sales

volume results from its mining division.

BBM MINING

One of Europe's leading and most capable providers of specialized mining services with experience in surface and underground mining.

The BBM Group offers supreme services for the mining sector across Europe and, increasingly, around the world. The certified mining company takes responsibility for a wide range of surface and underground projects. The portfolio further includes raw materials for energy, construction material and noble metal production.



SURFACE MINING

In surface mining, the BBM Group leverages state-ofthe-art technologies across the entire value chain.

- Entire scope from planning to exploring and developing mine sites as well as the extraction and processing of various raw materials
- Mining and production of hard rock and limestone with various grain sizes.



UNDERGROUND MINING

In underground mining, BBM specializes on developing and opening up sections in tunnelling projects as well as operating as contract mining partners.

- Management of full-fledged projects and specific project stages, incl. mining and assembly work, engineering services, maintenance and repair, as well as compliant safety engineering support
- Specialty mining works for excavation and development work, maintenance and remediation of abandoned shafts and creation of underground cavities for radioactive waste storage



THE MINING DIVISION IN BOSNIA-HERZEGOVINA

The BBM mining division in Bosnia-Herzegovina operates four independent mines, each of which is focused on a specific set of resources.

The company is directly and indirectly active in construction, mining and extraction of raw materials such as gold, silver, magnesite, limestone, hard rock & coal.







Mine Vares



Mine Brezove Dane



Mine Kladanj

Туре	Gold & Silver	Hard Rock	Limestone	Coal	Magnesite
Total Reserves	Gold: 5 tons Silver: 20 tons (indicated reserves)	236m tons 518m tons (proven reserves) reserves)		3.4m tons (proven reserves)	1.2m tons (proven reserves)
Annual Mining Volume (est./max.)	n/a	Up to 3-15m tons/year		135k tons/405k tons	100k tons/200k tons
Current Status	 Received permission for exploration works Exploration works in progress Former largest gold & silver underground mine in Bosnia & Herzegovina 	 Received permission for exploitation works Established infrastructure for mining works & processing 		 Waiting for approval for exploitation Established infrastructure for mining works & processing 	 Received permission for exploitation works - BBM in Joint Venture with a partner Established infrastructure just for mining works
Infrastructure	Good connections to highway	to highway Good connections to highway and railway		Good connections to highway and railway	Good connections to highway



BOSNIA-HERZEGOVINA - AN ATTRACTIVE MINING ENVIRONMENT





Strong credit rating: B with stable outlook (S&P) and B3 with stable outlook (Moody's)



Pro-mining and solid legal framework



Access to local talent with an educational background in mining (Faculty of Mining at the renowned university of Tuzla)



Excellent infrastructure and logistics in the heart of Europe



10% corporate tax and beneficial royalty regime



Low cost operational environment









BAKOVIĆI (GOLD & SILVER)- MINE PROFILE



Former largest gold & silver underground mine in Bosnia & Herzegovina

Exploration and exploitation of metallic mineral raw materials – limonite, haematite, siderite and pyrite ores as carriers of gold (Au) and silver (Ag) to the levels of gold and silver concentrates.

14 g - 22 g Au/t

Gold content in excavated ore

5 tons

Gold Reserves (indicated)

20 tons*

Silver Reserves (indicated)

4m €

Investment to date

Technical Details	Technical Details					
Adits explored and exploited	890, 859, 825, 804, 756, 740 and 712 masl					
Main adit elevation level	Elevation 580, around 800 m in length (in 1934)					
Main ore minerals	Limonite, pyrite, quartz and siderite					
Ag-Au ratio	Varied 3:8, 1:1, 15:1, mostly 3-4:1					
Estimated ore reserves	$\sim 100,000$ t of ore left with $\sim 1,000$ kg Au and 3,000 kg Ag up to the level of 650 m above sea level 900,000 t of ore expected under the level of 650 m above sea level, with 3,000 kg Au (qualitative characteristics: 14 g - 22 g Au/t excavated ore) & 12,000 -15,000 kg Ag					
Spatial orientation	Narrow area has an additional ~ 5,000 kg Au & ~ 15,000 A Variable					
Operating angles	Steep in upper horizons (70-90°), while the dip angle decreases with depth (60-70°).					
Vein thickness	On average 1 m (Varies (0.5-2.5 m)					
Vein ore body thickness	30-35 cm (discovered in previous works)					

MILESTONES



Concession agreement with Ministry of Economy of the SBK license by FMERI Government for gold exploration (with option of exploitation to prove quality of reserves)



Exploration



(5% of surveyed gold) with great results



Today: Established infrastructure for mining works & processing



Complete the initiated exploratory works



Complete the survey on the quality and reserves of gold, silver and other metals



Signing the concession agreement for exploitation with the Ministry of Economy



Obtaining the exploitation permit from **FMERI**



performing works according to MMP from FMERI.

*not calculated in financial model



BAKOVIĆI (GOLD & SILVER)-THE INVESTMENT OPPORTUNITY



TOTAL TURNOVER: 209 m €

TOTAL EBITDA: 150 m €

TOTAL EBIT: 101 m €

TOTAL NET Profit: 80 m €







VARES (HARD ROCK) - MINE PROFILE



13% (15-18)

Crushing resistance - LA BAS en1097-2:2011

236m tons*

Reserves

100% (min. 98%)

Bitumen yield BASEN12697-11-2013 5m tons

Est. annual mining volume

195-234 MPa

Compressive strength

15m tons

Max. annual mining volume (Can be increased up to 15m/year with additional Investment)

MILESTONES



Concession agreement with the Ministry of Economy in the Government of ZDK for exploration and exploitation of non-metallic mineral raw materials

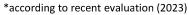
All permits required for the unhindered execution of exploitation and processing

Established mining works &

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Today: infrastructure for processing

Test results for spilite in Kota/Vareš							
Type of test	Standa	rd	Result	Ref. Value			
Granulometric composition	BAS EN 933-1:2012		Good - Attached number. 1 of the certificate				
Grain shape	BAS EN	933-4:2011	6,30%	up to 10%			
Filler contents	BAS EN	933-8:2012	88%	100%			
Crushing resistance - LA	BAS EN	1097-2:2011	13%	15-18			
Bulk density	BAS EN	1097-3:2007	1,43	Does not contain			
Cavities	BAS EN	1097-3:2007	46,42	Does not contain			
Volumetric mass	BAS EN	1097-6/A1:2010	2,71	Does not contain			
Water absorption	BAS EN	1097-6/A1:2010	1,50%	2			
MgS resistance	BAS EN	1367-2:2011	16	18			
Humus content	BAS EN 1744-1-A1:2014		Does not contain				
Bitumen yield	BAS EN 12697-11-2013		100%	min. 98%			
Compressive strength			195-234 MPa				
	Chemica	l composition of sp	ilite in Kota				
SiO2			45,04%				
CaO			12,45%				
MgO			7,36%				
S03			0,13%				
GŽ (loss on combustion	1)		8,83%				
Al2O3		10,40%					
Fe2O3		13,30%					
CaCO3		22,17%					
MgCO3		15,38%					
K20		0,75%					
Na2O		0,96%					
TiO2		0,69%					
MnO		0,05%					
P2O2			0,05%				





VARES (HARD ROCK) - THE INVESTMENT OPPORTUNITY



TOTAL TURNOVER: 1.337 m €

TOTAL EBITDA: 759 m €

TOTAL EBIT: 737 m €

TOTAL NET Profit: 663 m €



VARES (LIMESTONE) - MINE PROFILE



518m tons*

Reserves

3m tons

Est. annual mining volume

2m tons

Max. annual mining volume

143-165 MPa%

Compressive strength

98,30%

CaCO3

MILESTONES



Concession agreement with the Ministry of Economy in the Government of ZDK for exploration and exploitation of non-metallic mineral raw materials **O**

All permits required for the unhindered execution of exploitation and processing



Today: Established infrastructure for mining works & processing

Test results for limestone		Stijene/Vareš		Kota/Vareš	
Type of test	Standard	Result	Ref. Value	Result	Ref. Value
				Good -	
Granulometric composition	BAS EN 933-1:2012	Clea	nn.	Attached	
Granulometric composition	DAS EN 955-1.2012	Clean		numb. 1 of the	
				certificate	
Grain shape	BAS EN 933-4:2011	4%	10%	4,00%	up to 20%
Filler contents	BAS EN 933-8:2012	76%	100%	76%	100%
Crushing resistance - LA	BAS EN 1097-2:2011	17%	15-18	16%	15-18
Bulk density	BAS EN 1097-3:2007	1,5	dnc	1,52	dnc
Cavities	BAS EN 1097-3:2007	44,80%	dnc	44,8	dnc
Volumetric mass	BAS EN 1097-6/A1:2010	2,6	dnc	2,69	dnc
Water absorption	BAS EN 1097-6/A1:2010	0,86%	2	0,3	2
Na2O3		0,017%	3-5%	0.55-1	18
Humus content	BAS EN 1744-1-A1:2014	dnc		dnc	
Bitumen yield	BAS EN 12697-11-2013	100%	min. 98%	100%	min. 98%
Compressive strength		143-165 MPa%		143-156 MPa	
Chemical composition of lim	nestone rocks				
SiO2		0,65%		0,73%	
CaO		53.05% - 56.00%		55,07%	
MgO		1,16%		1,01%	
SO3		0,000		0,13%	
GŽ (loss on combustion)		43,61%		40,36%	
Al2O3				0,98%	
Fe2O3				1,23%	
CaCO3		98,30%		95,64%	
MgCO3		2,42%		2,11%	
K2O				-	
Na2SO4				-	
TiO2				-	
MnO				-	
P2O2				-	

*according to recent evaluation (2023)



VARES (LIMESTONE) - THE INVESTMENT OPPORTUNITY



TOTAL TURNOVER: 498 m €

TOTAL EBITDA: 348 m €

TOTAL EBIT: 344 m €

TOTAL NET Profit: 310 m €







BREZOVE DANE (COAL) - MINE PROFILE



3.4m tons

Reserves

0,81%

Sulphur-content

8.000

LHV KJ/kg

20.0000

HHV KJ/kg

193k tons

Est. annual mining volume

20 ha

Property ownership

6m €

Investment to date

405k tons

Max. annual mining volume

Chemical composition of ash	
	E2 C00/
SiO2	53,68%
Fe2O3	13,49%
Al203	20,68%
CaO	4,15%
MgO	2,46%
503	1,83%
ΓίΟ2	0,41%
Na2O3	0,80%
Direct analysis of coal	
Moisture	10,45%
Ash	43,51%
Combustible matter	36,23%
Coke	59,60%
C-fix	16,63%
Elementary analysis of coal	
Moisture	14,41%
Ash	44,06%
<u> </u>	24,77%
H2	1,98%
N2	0,48%
02	10,00%
Combustion	0,59%

MILESTONES



Completed survey with proof of quality and coal reserves.



by phases

Completed MMP of Completed several technical projects to coal exploitation arrange the industrial circle and facilities intended for the production and processing of coal into commercial coal



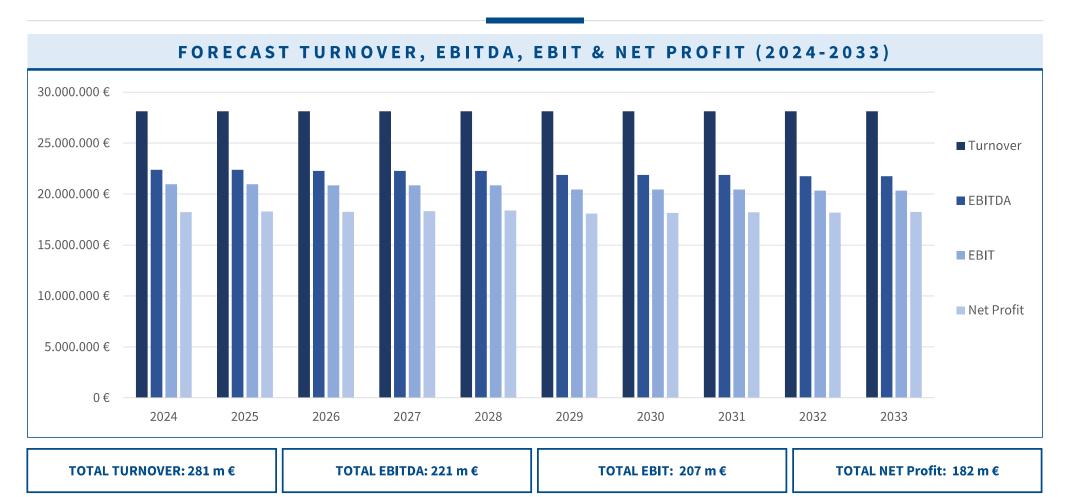
Established infrastructure for mining works & processing

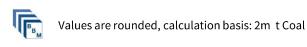
Today: Waiting for approval for exploitation

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BREZOVE DANE (COAL) - THE INVESTMENT OPPORTUNITY









MINE KLADANJ (MAGNESITE) - MINE PROFILE



1.2m tons

Reserves

100k tons

Est. annual mining volume

200k tons

Max. annual mining volume

3m €

Investment to date

MILESTONES



Concession agreement for exploration of magnesite



Received permission for exploitation works - BBM in Joint Venture with a partner



Today: Established infrastructure just for mining works

Technical Details	
Magensite types	Crypto crystalline magnesite (grain size between 0,005-0,009mm)
	Microcrystalline variator magnesite (grain size <0,01mm)
Vein thickness	Mostly 0.4-1.0 m (varies between few cm and several meters)



MINE KLADANJ (MAGNESITE) - THE INVESTMENT OPPORTUNITY

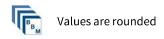


TOTAL TURNOVER: 59 m €

TOTAL EBITDA: 17 m€

TOTAL EBIT: 11 m €

TOTAL NET Profit: 7 m €



SELECTED REFERENCE PROJECTS

PROJECT	POSITION	INVESTOR	PROJECT DESCRIPTION
Open pit "Koritnik" Breza, BiH	Main Contract or	EP BiH / RMU Breza	The works are carried out at the mine "Breza" Breza. Earthwork, exploitation and transportation of coal.
Quarry "Kota" Vareš, BiH	Main Contract or /The Owner	BBM	Exploration, exploitation and processing of limestone aggregates and spilite
Open pit "Brezove Dane", Maglaj, BiH	Main Contract or /The Owner	ВВМ	Exploration and exploitation of coal in the PK "Brezove Dane"
Mine RAG Anthrazit in Ibbenbürenu, Germany	Main Contract	RAG Anthrazit	Production of transport - ventilation corridor through coal.
Mine Prospel - Haniel in Bottrop, Germany	Main Contract	RAG AG	Production of transport - ventilation corridor through coal.
Mine Schachtanlage Konrad in Salzgitter, Germany	Main Contract	BeMo Tunneling	Making corridor, extensions and landslides at the mine Konrad in Salzgitter.
Mine Auguste Victoria in Marl, Germany	Main Contract	RAG AG	Making the excavation corridor through coal.



THE MANAGEMENT BOARD – OVER 250 YEARS OF PROFESSIONAL EXPERIENCE COMBINED



Director

has over 20 years of professional experience as well as an academic background in Electrical Engineering. He joined BBM Ltd. Sarajevo in 2011 and advanced to the director level in the same year.



Director

with an academic master degree in civil engineering at the Faculty of Mining, Geology and Civil Engineering and over 12 years as Director at BBM, Mr. Spahić is a specialist in his area.



Director

has joined BBM in 2008 and has been Director ever since. With an academic degree in Economics and previous finance experience he is Head of Centralized Finance Affairs Service ever since.



Director

with a masters degree in marketing at the University of Sarajevo and after extensive professional experience, Mr. Muratović joined BBM as Head of Marketing Service in 2014.



Director

is a graduated Mining Engineer from the University of Tuzla and joined BBM in 2003. With his advancement to Director level in 2009, he became part of BBM's management.



Director

with an academic background in Economics, Mr. Ćatović joined BBM in 2007. As Head of Finance Service he additionally took a Director role in 2010.



Technical Manager for Mining and Geological Works

as a graduated Mining Engineer with a degree from the University of Tuzla, Mr. Muslim has over 50 years of experience in the mining industry. In 2006 he joined BBM and advanced to the manager position in 2007.



Head of Technical Preparation for Mining and Geological

holds a Master degree in Mining and has over 35 years of experience in the technical management of mines. He joined BBM in 2014 and has been part of the management team ever since.



Head of Civil Engineering Service

with a Master degree in Civil Engineering and over 35 years of experience in engineering projects, Mr. Ćesovi has been part of BBM's management since 2006.



Head of Technical preparation

with an academic background in Civil Engineering, Mr. Mulalić joined BBM in 2011 after accumulating extensive professional experience.



Head of Technical Preparation and Quality

joined BBM in 2003 in his function Quality Manager, Occupational Health and Safety Manager, and Head of Physical Protection. As a graduate Mining Engineer and 35 years of experience he has been part of the management team ever since.



Head of Production

is a graduated Mining Engineer and has joined BBM in the year 2010. He is currently pursuing his PhD studies in Mechanical Engineering in Zenica.



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