

CMM Investment Project Development

Project Identification Form

This Form is intended for early identification of technically and financially viable projects in the field of CMM capture and use. It is designed to help the specialists reviewing it to understand the context, key issues and requirements of your project.

Definition "Owner/Project Sponsor": a person or entity that initiates, owns and promotes the project and has decision making power on borrowing or equity distribution.

**CMM Investment Project Development
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Energy / Heat production

Project name:		Mine:	
		Annual coal production (t):	
		Proven reserves (t):	
Owner:			
Owner's representative:			
Address:		Telephone:	
City:		Telefax:	
Country:		E-mail:	
Amount of CH ₄ ventilated (m ³ /h):		Amount of CH ₄ drained (m ³ /h):	
Percentage CH ₄ % in volume (m ³ /h):		Percentage CH ₄ % in volume (m ³ /h):	
Average CH ₄ %:		of which more than 30% CH ₄ :	
For how long (y):		For how long (y):	
Type of boilers to be installed, or modified (heat only, co-generation):			
Installed capacity (MWt):		Estimated heat production (MWh):	
Type of generator(s) to be installed:			
Installed capacity (MWe):		Estimated electricity production (MWh):	
Main end-users/customers (number, private/commercial, etc.):			
Future plans for drainage			
Legal status of owner/sponsor (mark appropriate box):			
Public Company	<input type="checkbox"/>	Private Company	<input type="checkbox"/>
To be privatised	<input type="checkbox"/>	Other (specify):	<input type="checkbox"/>

Energy Demand

	Uses (heating shafts, machinery etc.)	Annual use						Today's price in Rub
		2006	2007	2008	2009	2010	2011	
Heat							/MWh	
Electricity							/kWh	

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Proposed Measures and Financing

Object	Measure	Estimated CH ₄ amount used in t/y	Estimated investment in Rub	Estimated savings in Rub/year
Total investments and savings				

Lifetime of the project
Years

Proposed start of implementation
(day/month/year)

Expected implementation time
Years Months

Preliminary Financing Plan

	Type (in kind/equity/cash)	Rub	% of total	Interest rate %
Owner (Sponsor)'s own resources				
Equity capital funding				
Loan from local banks				
Loan from international sources				
TOTAL				

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Summary Cashflow Analysis

All figures in Rub thousand

Year	0	1	2	3	4
1. Capital investment ¹					
2. Revenue ¹					
3. Energy savings ¹					
4. Other benefits/income ^{1,2}					
5. Operation & Maintenance cost ¹					
6. Other costs ¹					

¹ as related to the project

² including reduction of environmental fees, taxes, penalties, etc. and any Carbon credits

Other Financial Parameters

Taxes	Applied on	Applicable rate (%)
• profit		
• VAT		
• others		
Depreciation		