

**Aufgabe QR-10.9 Derivate Kapitalflussermittlung**

(Derivative Method to Determine Cash Flows)

BLOUBERG Ltd (Task 3.3) presents the financial statements below. Consider that BLOUBERG Ltd. appropriates profit at a ratio 50:50 like reserves : dividend.

**Blouberg Ltd's  
STATEMENT of FINANCIAL POSITION  
as at eoy 20X1**

A			C,L
Non-c. assets	[EUR]	SHs' capital	[EUR]
P,P,E	880.000	Issued capital	1.000.000
Int. assets		Other reserves	588.000
Financial assets		Retained ear.	0
Current assets		Liabilities	
Inventory		Int. bear. liab.	1.000.000
A/R		A/P	588.000
Perpaid exp.		Provisions	
Cash	2.800.000	Def. income	
		Tax liabilities	504.000
	<u>3.680.000</u>		<u>3.680.000</u>

Exhibit 1: Statement of financial position

**Blouberg Ltd's  
STATEMENT of FINANCIAL POSITION  
as at eoy 20X2**

A			C,L
Non-c. assets	[EUR]	SHs' capital	[EUR]
P,P,E	640.000	Issued capital	1.000.000
Int. assets		Other reserves	1.176.000
Financial assets		Retained ear.	0
Current assets		Liabilities	
Inventory		Int. bear. liab.	1.000.000
A/R		A/P	588.000
Perpaid exp.		Provisions	
Cash	3.628.000	Def. income	
		Tax liabilities	504.000
	<u>4.268.000</u>		<u>4.268.000</u>

Exhibit 2: Statement of financial position

**Blouberg Ltd's  
STATEMENT of COMPREHENSIVE  
INCOME  
for 20X2**

Revenue	5.760.000,00
less Depreciation	(240.000,00)
less Labour	(576.000,00)
less Other expenses	(3.164.000,00)
less Interest	(100.000,00)
EBT	1.680.000,00
less Taxes	(504.000,00)
EAT	1.176.000,00
less Dividend	(588.000,00)
to Reserves	588.000,00

**Exhibit 3:** Statement of comprehensive income

**Blouberg Ltd.'s REGISTER of NON-CURRENT ASSETS as at 31.12.20X2**

Item	Cost/ Valuation [EUR]	Acc. Depreciation [EUR]	Acc. Impairment Loss [EUR]	Carrying Amount [EUR]
8 busses (20X1)	1.120.000,00	(480.000,00)	0,00	640.000,00

**Exhibit 4:** Register of non-current assets

Depreciation on busses is along straight line method.

**Required: Determine 20X2's Cash flow by derivate method:**

BLOUBERG Ltd (Aufgabe 3.3) erstellt die folgenden Elemente des Jahresabschlusses. Berücksichtigen Sie, dass BLOUBERG Ltd. den Gewinn in einem Verhältnis von 50 : 50 wie Rücklagen : Dividende verwendet. Die Abschreibung der Busse erfolgt linear.

**Gefragt: Bestimmen Sie den Cash Flow für 20X2 über die derivative Methode.**

**Lösung (Solution):**

- (1) Delta-SFP
- (2) Eliminate negative change in P, P, E.
- (3) Reversing appropriation of profit
- (4) Consideration of the register of non-current assets

(5) Integration of the statement of comprehensive income

(6) Offsetting accounts

Delta-SFP for 20X2			
D			C
20X5	[EUR]	20X5	[EUR]
Δ-P,P,E	(240.000,00)	Δ-Reserves	588.000,00
Δ-Cash	828.000,00		
	588.000,00		588.000,00
		Δ-P,P,E	240.000,00
	1.416.000,00		1.416.000,00
Δ-A/P	588.000,00	Δ-R/E	1.176.000,00
	3.420.000,00		3.420.000,00
	6.840.000,00	Depreciation	240.000,00
Depreciation	240.000,00		6.840.000,00
Labour	576.000,00	Revenue	5.760.000,00
Other expenses	3.164.000,00		
Interest	100.000,00		
Tax	504.000,00		
	18.264.000,00		18.264.000,00

Exhibit 5: Delta SFP

The cash flow statement looks like below. The payment to shareholders took place at the beginning of fiscal year 20X2. The taxes were paid at the beginning also.

Blouberg Ltd's STATEMENT of CASH FLOWS for 20X2	
	20X2
	[EUR]
<b>CF from operating activities</b>	
Revenue	5.760.000,00
Labour	(576.000,00)
Other expenses	(3.164.000,00)
Income tax	(504.000,00)
	1.516.000,00
<b>CF from investing activities</b>	
Assembling line	0,00
<b>CF from financing activities</b>	
Dividend (Δ A/P)	(588.000,00)
Interest	(100.000,00)
	(688.000,00)
<b>Total cash flow:</b>	<b>828.000,00</b>

Exhibit 6: Statement of cash flows