

Accounting, Finance & Control

CAPEX & Financial Budgets



Master Budget

Budgets	Content	Check	Final output
Operating budgets	They define the typical management of a business as they define the sales, the revenues, the economic flows of raw materials, labour, services etc.	ECONOMIC equilibrium تعادل Revenues vs Operating Costs	Budgeted EBIT
Capital Expenditure (CAPEX) budgets	They define the use of financial resources (cash outflows) to sustain the growth strategy – i.e., planned instalments for the purchase of assets	TECHNICAL equilibrium Available vs Needed Capacity	Budgeted CAPEX
Financial budgets	They define the impact of operating and investment plans on cash inflows and cash outflows	CASH equilibrium Cash Inflows vs Cash Outflows	Budgeted Cash Flow Statement

These documents are then used to prepare:

- Budgeted Income Statement
- Budgeted Balance Sheet
- Budgeted Cash Flow Statement



Case study about budgeting (part II)

Budget of Capital Expenditures (1)

Operating
Budgets

Economic
equilibrium

Revenues
vs Costs

Budget
of CAPEX

Technical
equilibrium

Capacity
available
vs
Capacity
needed

It outlines **amount** and **timing** of capital expenditures (CAPEX).

installment becasue of investments strategy cash flow from investing activity

Examples:

- Buying new equipment
- Acquiring new patents
- Building a new store
- Purchasing and installing a materials handling system

Budget of Capital Expenditures (2)

to check if we have enough money to cover cash out flows

PORTFOLIO OF	Previous	2024	2025	2026
INVESTMENTS	years			
Approved in past years				
- Investment 1	100,000	20,000	15,000	
- Investment 2	50,000	50,000	20,000	20,000
Approved in the year				
- Investment 3		80,000	40,000	20,000
- Investment 4		20,000	20,000	
Total Approved	150,000	170,000 important to us	95,000	40,000
Waiting for approval		cash outflow		
- Investment 5		75,000	125,000	100,000

Budget of Capital Expenditures (3)

AFC Case Study:

- On 01/01/2024 the company will buy another equipment for 10,000 €, depreciation over 10 years. This asset will be paid as follows: 5,000 € in 2024 and 5,000 € in 2025.
- On 01/01/2024 the company will buy an information system for production scheduling for 5,000 € that will be paid in the second semester of 2024. This investment will be depreciated over 5 years from 2024.

PORTFOLIO OF INVESTMENTS	2024	2025
Approved in the year		
New equipment	5,000€	5,000€
New information system	5,000€	
Total Approved	10,000€	5,000€

Financial Budgets (1)

The basic document is the cash budget, which aims at evaluating the budgeted inflows and outflows of the organization

There are two ways for calculating a cash budget:

- Direct Approach small company use this one.
 Registration line-by-line of future cash inflows and cash outflows
- Indirect Approach
 From the EBIT by adjusting accrual principle
 into financial principle

Financial Budgets (2)

The Cashflow Statement classifies cash inflows / cash outflows in three category:

- Cash flow from operating activities, i.e. cashflows generated by the operating, financial and fiscal activities
- Cash flow from investing activities, i.e. cashflows capital expenditures generated by the acquisition or disposal of non-current assets
- Cash flow from financing activities, i.e. cashflows generated by changes in the equity capital and financial debts issue new shares or decrease equity ...

Budgeted Cash Flow Statement

EBIT (t)

- + D&A (t)
- + Δ NET OPERATING WORKING CAPITAL =
- Account Receivable (t) + Account Receivable (t-1)
- Inventories (t) + Inventories (t-1)
- + Account Payable (t) Account Payable (t-1)
- + Cash inflows from financial revenues (t)
- Cash outflows from financial expenses (t)
- Paid Taxes (t)
- = CASH FLOW FROM OPERATING ACTIVITIES (t)
- + Cash inflows from disinvestment in non-current assets (t)
- Cash outflows from investment in non-current assets (t)
- = CASH FLOW FROM INVESTING ACTIVITIES (t)
- + Cash inflows for increase in share capital (t)
- Cash outflows from decrease in equity (e.g., dividends) (t)
- + Cash inflows for new financial debts/bonds (t)
- Cash outflows for closing financial debts/bonds (t)

= CASH FLOW FROM FINANCING ACTIVITIES (t)

Financial Budgets (3)

The final step is to evaluate the closing CASH availability to verify the **financial equilibrium** for the next 12 months

Opening CASH (t) = Closing CASH (t-1)

- + CASH FLOW FROM OPERATING ACTIVITIES (t)
- + CASH FLOW FROM INVESTING ACTIVITIES (t)
- + CASH FLOW FROM FINANCING ACTIVITIES (t)

Closing CASH (t)

EBIT (t)	+ 8,440 calculated before
+ D&A (t)	
 + Δ NET OPERATING WORKING CAPITAL = - Account Receivable (t) + Account Receivable (t-1) - Inventories (t) + Inventories (t-1) + Account Payable (t) - Account Payable (t-1) + Cash inflows from financial revenues (t) - Cash outflows from financial expenses (t) 	Budgeted EBIT comes from the operating
- Paid Taxes (t) = CASH FLOW FROM OPERATING ACTIVITIES (t)	budgets
+ Cash inflows from disinvestment in non-current assets (t) - Cash outflows from investment in non-current assets (t)	
= CASH FLOW FROM INVESTING ACTIVITIES (t)	
+ Cash inflows for increase in share capital (t) - Cash outflows from decrease in equity (e.g., dividends) (t)	
+ Cash inflows for new financial debts/bonds (t) - Cash outflows for closing financial debts/bonds (t)	
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL = - Account Receivable (t) + Account Receivable (t-1) - Inventories (t) + Inventories (t-1) + Account Payable (t) - Account Payable (t-1)	Budgeted
+ Cash inflows from financial revenues (t) - Cash outflows from financial expenses (t)	D&A comes from the
- Paid Taxes (t)	operating
= CASH FLOW FROM OPERATING ACTIVITIES (t)	budgets
+ Cash inflows from disinvestment in non-current assets (t) - Cash outflows from investment in non-current assets (t)	
= CASH FLOW FROM INVESTING ACTIVITIES (t)	
+ Cash inflows for increase in share capital (t) - Cash outflows from decrease in equity (e.g., dividends) (t)	
+ Cash inflows for new financial debts/bonds (t) - Cash outflows for closing financial debts/bonds (t)	
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)		+ 8,440
+ D&A (t)		+ 3,000
+ Δ NET OPERATING WORKING CA	APITAL =	
- Account Receivable (t) + Accoun	t Receivable (t-1)	- 2,500
- Inventories (t) + Inventories (t-1)	
+ Account Payable (t) - Account P	ayable (t-1)	
+ Cash inflows from financial reve	en	
- Cash outflows from financial ex	Receivables (2024) = 7	0,000 * 3 / 12 = 17,500
- Paid Taxes (t)	· · · · · · · · · · · · · · · · · · ·	
= CASH FLOW FROM OPERATING		2024
Receivables (2		2023) = 15,000
+ Cash inflows from disinvestmer		
- Cash outflows from investment - Receivables (2024)		+ Receivables (2023)
= CASH FLOW FROM INVESTING = - 17,500 + 1		5,000 = - 2,500
+ Cash inflows for increase in share capital (t)		
- Cash outflows from decrease in equity (e.g., dividends) (t)		
+ Cash inflows for new financial debts/bonds (t)		
- Cash outflows for closing financial debts/bonds (t)		
= CASH FLOW FROM FINANCING ACTIVITIES (t)		

EBIT (t)		+ 8,440
+ D&A (t)		+ 3,000
+ Δ NET OPERATING WORKING CA		
- Account Receivable (t) + Accour	nt Receivable (t-1)	- 2,500
- Inventories (t) + Inventories (t-1)	- 2,020
+ Account Payable (t) - Account P	ayable (t-1)	
+ Cash inflows from financial revenues (t) - Cash outflows from financial expenses (t)		
- Paid Taxes (t)		
= CASH FLOW FROM OPERATING	-	ned goods (2024) =
	Inventories raw	materials (2024) =
+ Cash inflows from disinvestmer	1,000 + 50 * 2 = 1,100	
- Cash outflows from investment	1,000 1 30	2 - 1,100
= CASH FLOW FROM INVESTING	Total inventories (2023) = 4,000	
	Total Inventorie	
+ Cash inflows for increase in sha	- Inventories (2024)	+ Inventories (2023)
- Cash outflows from decrease in	- Inventories (2024) + Inventories (2023) se in = - 6,020 + 4,000 = - 2,020	
		•

- + Cash inflows for new financial d
- Cash outflows for closing financial deuts, bonus (t)
- = CASH FLOW FROM FINANCING ACTIVITIES (t)

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL =	
- Account Receivable (t) + Account Receivable (t-1)	- 2,500
- Inventories (t) + Inventories (t-1)	- 2,020
+ Account Payable (t) - Account Payable (t-1)	+ 2,750
+ Cash inflows from financial revenues (t) - Cash outflows from financial expenses (t)	

= CASH FLOW FROM OPERATING

- Paid Taxes (t)

- + Cash inflows from disinvestmer
- Cash outflows from investment
- = CASH FLOW FROM INVESTING
- + Cash inflows for increase in sha
- Cash outflows from decrease in
- + Cash inflows for new financial
- Cash outflows for closing finance

= CASH FLOW FROM FINANCING ACT

+ Payables (2024) - Payables (2023)
$$= 5,750 - 3,000 = +2,750$$

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL = - Account Receivable (t) + Account Receivable (t-1) - Inventories (t) + Inventories (t-1) + Account Payable (t) - Account Payable (t-1) + Cash inflows from financial revenues (t)	- 1,770
- Cash outflows from financial expenses (t)	
- Paid Taxes (t) = CASH FLOW FROM OPERATING ACTIVITIES (t)	
+ Cash inflows from disinvestment in non-current assets (t) - Cash outflows from investment in non-current assets (t)	
= CASH FLOW FROM INVESTING ACTIVITIES (t)	
+ Cash inflows for increase in share capital (t) - Cash outflows from decrease in equity (e.g., dividends) (t)	
+ Cash inflows for new financial debts/bonds (t) - Cash outflows for closing financial debts/bonds (t)	
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL = - Account Receivable (t) + Account Receivable (t-1)	- 1,770
- Inventories (t) + Inventories (t-1) + Account Payable (t) - Account Payable (t-1)	
+ Cash inflows from financial revenues (t) - Cash outflows from financial expenses (t)	+ 600
- Paid Taxes (t)	
= CASH FLOW FROM OPERATING ACTIVITIES (t)	
+ Cash inflows from disinvestment in non-current assets (t) - Cash outflows from investment in non-current assets (t)	
= CASH FLOW FROM INVESTING ACTIVITIES (t)	
+ Cash inflows for increase in share capital (t) - Cash outflows from decrease in equity (e.g., dividends) (t)	
+ Cash inflows for new financial debts/bonds (t) - Cash outflows for closing financial debts/bonds (t)	
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)	+ 8,440	
+ D&A (t)	+ 3,000	
+ Δ NET OPERATING WORKING CAPITAL =	- 1,770	
- Account Receivable (t) + Account Receivable (t-1)		
- Inventories (t) + Inventories (t-1)		
+ Account Payable (t) - Account Payable (t-1)		
+ Cash inflows from financial revenues (t)	+ 600	
- Cash outflows from financial expenses (t)	- 1,200	
- Paid Taxes (t)		
= CASH FLOW FROM OPERATING		
Bond Coupor	ns (2024) = 400	
+ Cash inflows from disinvestmen		
- Cash outflows from investment i Interests to banks	= 8,000 * 10% = 800	
= CASH FLOW FROM INVESTING	= 10%	
+ Cash inflows for increase in shar Financial expenses	s = 400 + 800 = 1,200	
- Cash outflows from decrease in equity (e.g., arriagnas) (c)		
+ Cash inflows for new financial debts/bonds (t)		
- Cash outflows for closing financial debts/bonds (t)		
= CASH FLOW FROM FINANCING ACTIVITIES (t)		

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL = - Account Receivable (t) + Account Receivable (t-1) - Inventories (t) + Inventories (t-1) + Account Payable (t) - Account Payable (t-1)	- 1,770
+ Cash inflows from financial revenues (t) - Cash outflows from financial expenses (t)	+ 600 - 1,200
- Paid Taxes (t)	- 4,520 it's not real.
= CASH FLOW FROM OPERATING ACTIVITIES (t)	

- = CASH FLOW FROM OPERATING ACTIVITIES (t)
- + Cash inflows from disinvestment
- Cash outflows from investment
- = CASH FLOW FROM INVESTING
- + Cash inflows for increase in shar
- Cash outflows from decrease in
- + Cash inflows for new financial d
- Cash outflows for closing financi

= CASH FLOW FROM FINANCING A

tax rate = 50%

EBT = EBIT – net financial interests

EBT = 8,440 - (1,200 - 600) = 7,840

Taxes = 7,840 * 50% + 600 = 4,520

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL =	- 1,770
- Account Receivable (t) + Account Receivable (t-1)	
- Inventories (t) + Inventories (t-1)	
+ Account Payable (t) - Account Payable (t-1)	
+ Cash inflows from financial revenues (t)	+ 600
- Cash outflows from financial expenses (t)	- 1,200
- Paid Taxes (t)	- 4,520
= CASH FLOW FROM OPERATING ACTIVITIES (t) cash cows starting for	+ 4,550 growth strategy
	3
+ Cash inflows from disinvestment in non-current assets (t)	
- Cash outflows from investment in non-current assets (t)	
= CASH FLOW FROM INVESTING ACTIVITIES (t)	
+ Cash inflows for increase in share capital (t)	
- Cash outflows from decrease in equity (e.g., dividends) (t)	
+ Cash inflows for new financial debts/bonds (t)	
- Cash outflows for closing financial debts/bonds (t)	
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)	+ 8,440		
+ D&A (t)	+ 3,000		
+ Δ NET OPERATING WORKING CAPITAL = - Account Receivable (t) + Account Receivable (t-1)	- 1,770		
- Account Receivable (t) + Account Receivable (t-1) - Inventories (t) + Inventories (t-1) + Account Payable (t) - Account Payable (t-1)			
+ Cash inflows from financial revenues (t) - Cash outflows from financial expenses (t)	+ 600 - 1,200		
- Paid Taxes (t)	- 4,520		
= CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,550		
+ Cash inflows from disinvestment in non-current assets (t)	0		
- Cash outflows from investment in non-current assets (t)			
= CASH FLOW FROM INVESTING ACTIVITIES (t)			
The ca	ase study does not provide		
Cook autiliana francisco de anagas in agritu. La continuida	information about planned disposals of non-current assets		
+ Cash inflows for new financial debts/bonds (t) - Cash outflows for closing financial debts/bonds (t)			
= CASH FLOW FROM FINANCING ACTIVITIES (t)			

EBIT (t)				+ 8,440		
+ D&A (t)				+ 3,000		
+ Δ NET					- 1,770	
- Accou	PORTFOLIO OF INVESTMENTS	2024	202	25	- , -	
- Inven			<u> </u>			
+ Accou	Approved in the year					
+ Cash	New equipment	5,000€	5,000	0€	+ 600	
- Cash	New information system	5,000€			- 1,200	
- Paid T	Total Approved	10,000€	5,00	0€	- 4,520	
= CASH					+ 4,550	
+ Cash inflows from disinvestment in non-current assets (t)				0	in A&L it	
- Cash outflows from investment in non-current assets (t)				- 10,000	increase 15000.	
= CASH F	LOW FROM INVESTING ACTIVITI	IES (t)				as it's accrual
	**Risk => cf	fo is not covering ir	nvestments	s so we n	need cash flow from the fi	
+ Cash inflows for increase in share capital (t)						
- Cash outflows from decrease in equity (e.g., dividends) (t)						
+ Cash inflows for new financial debts/bonds (t)						
- Cash ou	utflows for closing financial debts	/bonds (t)				
= CASH F	= CASH FLOW FROM FINANCING ACTIVITIES (t)					
W-57						

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL =	- 1,770
- Account Receivable (t) + Account Receivable (t-1)	
- Inventories (t) + Inventories (t-1)	
+ Account Payable (t) - Account Payable (t-1)	
+ Cash inflows from financial revenues (t)	+ 600
- Cash outflows from financial expenses (t)	- 1,200
- Paid Taxes (t)	- 4,520
= CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,550
+ Cash inflows from disinvestment in non-current assets (t)	0
- Cash outflows from investment in non-current assets (t)	- 10,000
= CASH FLOW FROM INVESTING ACTIVITIES (t)	- 10,000
+ Cash inflows for increase in share capital (t)	
- Cash outflows from decrease in equity (e.g., dividends) (t)	
+ Cash inflows for new financial debts/bonds (t)	
- Cash outflows for closing financial debts/bonds (t)	
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL =	- 1,770
- Account Receivable (t) + Account Receivable (t-1)	
- Inventories (t) + Inventories (t-1)	
+ Account Payable (t) - Account Payable (t-1)	
+ Cash inflows from financial revenues (t)	+ 600
- Cash outflows from financial expenses (t)	- 1,200
- Paid Taxes (t)	- 4,520
= CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,550
+ Cash inflows from disinvesti The case study does not pi	rovide 0
- Cash outflows from investm information about plant	- 10,000
= CASH FLOW FROM INVESTI increases in share capit	tal - 10,000
+ Cash inflows for increase in share capital (t)	0
- Cash outflows from decrease in equity (e.g., dividends) (t)	
+ Cash inflows for new financial debts/bonds (t)	
- Cash outflows for closing financial debts/bonds (t)	
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL =	- 1,770
- Account Receivable (t) + Account Receivable (t-1)	
- Inventories (t) + Inventories (t-1)	
+ Account Payable (t) - Account Payable (t-1)	
+ Cash inflows from financial revenues (t)	+ 600
- Cash outflows from financial expenses (t)	- 1,200
- Paid Taxes (t)	- 4,520
= CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,550
+ Cash inflows from disinves (1)	0
- Cash outflows from invest Net profit (2023) = 2,000	- 10,000
= CASH FLOW FROM INVES	- 10,000
Dividends = 2,000 * 50% = 1,	000
+ Cash inflows for increase in snare capital (t)	0
- Cash outflows from decrease in equity (e.g., dividends) (t)	- 1,000
+ Cash inflows for new financial debts/bonds (t)	
- Cash outflows for closing financial debts/bonds (t)	
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL = - Account Receivable (t) + Account Receivable (t-1) - Inventories (t) + Inventories (t-1) + Account Payable (t) - Account Payable (t-1)	- 1,770
+ Cash inflows from financial revenues (t) - Cash outflows from financial expenses (t)	+ 600 - 1,200
- Paid Taxes (t)	- 4,520
= CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,550
+ Cash inflows from disinvestment in non-current assets (t) - Cash outflows from investment in non-current assets (t)	0 - 10,000
+ Cash inflows for increase in - Cash outflows from decreas The case study does not p information about plan increases in debt capir	ned
+ Cash inflows for new financial debts/bonds (t) - Cash outflows for closing financial debts/bonds (t)	0
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL =	- 1,770
- Account Receivable (t) + Account Receivable (t-1)	
- Inventories (t) + Inventories (t-1)	
+ Account Payable (t) - Account Payable (t-1)	
+ Cash inflows from financial revenues (t)	+ 600
- Cash outflows from financial expenses (t)	- 1,200
- Paid Taxes (t)	- 4,520
= CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,550
+ Cash inflows from disinvestment in non-current assets (t)	0
- Cash outflows from investment in non-current assets (t)	- 10,000
= CASH FLOW FROM INVESTING ACTIVITIES (t)	- 10,000
+ Cash inflows for increas	0
- Cash outflows from decr Repayment of bonds for 2,00	0€ - 1,000
+ Cash inflows for new fin	0
- Cash outflows for closing financial debts/bonds (t)	- 2,000
= CASH FLOW FROM FINANCING ACTIVITIES (t)	

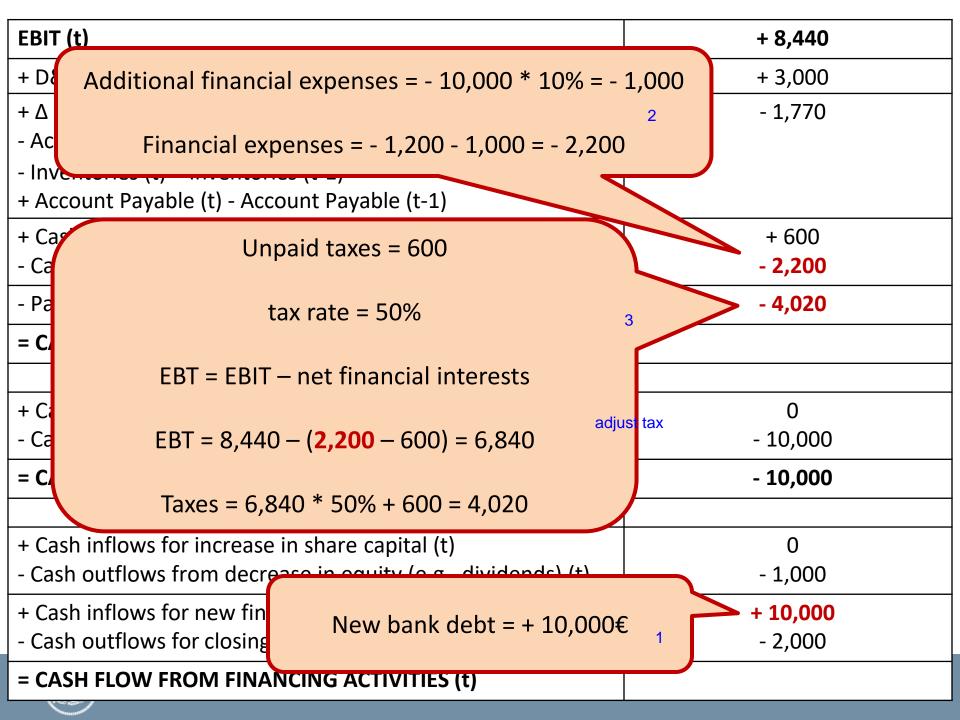
EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL =	- 1,770
- Account Receivable (t) + Account Receivable (t-1)	
- Inventories (t) + Inventories (t-1)	
+ Account Payable (t) - Account Payable (t-1)	
+ Cash inflows from financial revenues (t)	+ 600
- Cash outflows from financial expenses (t)	- 1,200
- Paid Taxes (t)	- 4,520
= CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,550
+ Cash inflows from disinvestment in non-current assets (t)	0
- Cash outflows from investment in non-current assets (t)	- 10,000
= CASH FLOW FROM INVESTING ACTIVITIES (t)	- 10,000
+ Cash inflows for increase in share capital (t)	0
- Cash outflows from decrease in equity (e.g., dividends) (t)	- 1,000
+ Cash inflows for new financial debts/bonds (t)	0
- Cash outflows for closing financial debts/bonds (t)	- 2,000
= CASH FLOW FROM FINANCING ACTIVITIES (t) company is not final	ncaialy sustainable‼! 3,000

Opening CASH (t) = Closing CASH (t-1)	+ 2,000
+ CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,550
+ CASH FLOW FROM INVESTING ACTIVITIES (t)	- 10,000
+ CASH FLOW FROM FINANCING ACTIVITIES (t)	- 3,000
Closing CASH (t)	- 5,850

CASH UNBALANCE ...
There is NOT a financial equilibrium

Cash unbalance covered
with new bank debt = + 10,000 €
10% interest rate,
duration: 3 years

We need to adjust the previous forecasts considering the new bank debt



EBIT (t)	+ 8,440
+ D&A (t)	+ 3,000
+ Δ NET OPERATING WORKING CAPITAL =	- 1,770
- Account Receivable (t) + Account Receivable (t-1)	
- Inventories (t) + Inventories (t-1)	
+ Account Payable (t) - Account Payable (t-1)	
+ Cash inflows from financial revenues (t)	+ 600
- Cash outflows from financial expenses (t)	- 2,200
- Paid Taxes (t)	- 4,020
= CASH FLOW FROM OPERATING ACTIVITIES (t)	4,050
+ Cash inflows from disinvestment in non-current assets (t)	0
- Cash outflows from investment in non-current assets (t)	- 10,000
= CASH FLOW FROM INVESTING ACTIVITIES (t)	- 10,000
+ Cash inflows for increase in share capital (t)	0
- Cash outflows from decrease in equity (e.g., dividends) (t)	- 1,000
+ Cash inflows for new financial debts/bonds (t)	+ 10,000
- Cash outflows for closing financial debts/bonds (t)	- 2,000
= CASH FLOW FROM FINANCING ACTIVITIES (t)	+ 7,000
= CASH FLOW FROW FINANCING ACTIVITIES (t)	+ 7,000

Opening CASH (t) = Closing CASH (t-1)	+ 2,000
+ CASH FLOW FROM OPERATING ACTIVITIES (t)	+ 4,050
+ CASH FLOW FROM INVESTING ACTIVITIES (t)	- 10,000
+ CASH FLOW FROM FINANCING ACTIVITIES (t)	+ 7,000
Closing CASH (t)	+ 3,050

CASH BALANCE !!!

There is a financial equilibrium

Financial Budgets (3)

quarter based because of different due time

- The cash flow statement does not highlight the situation of sub-periods across the year:
 - e.g.: cash inflows concentrated at the year end
 - Problem of liquidity at the beginning of the year
- We can define a different cash budget detailing the situation throughout the year:
 - e.g.: per semester, per quarter, per monthly

Budgeted Financial Statements

The last step in the Master Budget is drafting the complete Budgeted Financial Statements:

- Completing Income Statement
- Defining Balance Sheet
- Defining Cashflow Statement

Once we will have all Budgeted Financial Statements, we will apply Financial Analysis through Ratios/Absolute Indicators to verify that the plan of action will meet shareholders' goals

Budgeted Income Statement

+ Revenues	+ 70,000
- Cost of Goods Sold	- 39,060
= Gross Margin	+ 30,940
- Period Costs	- 22,500
= EBIT	+ 8,440
+ Financial revenues	+ 600
- Financial costs	- 2,200
= EBT	+ 6,840
- Taxes (50%)	- 3,420
= Net Profit	+ 3,420

Budgeted Balance Sheet (1)

ASSETS		EQUITY & LIABILITIES	
Non-current Assets		Shared Capital	+ 24,000
Non-current financial assets	+ 3,000	Reserves	
Receivables	+17,500	2023 Profit	+ 3,420
Inventories	+ 6,020	Bank debts	
Cash	+ 3,050	Bonds	
		Payables	
Total Assets	66,570	Equity & Total Liabilities	66,570

Budgeted Balance Sheet (2)

ASSETS		EQUITY & LIABILITIES		
Non-current Assets	+ 37,000	Shared Capital	+ 24,000	
Non-current financial assets	000	Reserves		
Receivables	00	2023 Profit	+ 3,420	
Inventories	0	Bank debts		
NON CURRENT ASSETS (t) = Non-current Assets (t-1) + New non-current Assets (t) – D&A (t)				
Total Ass 25,000 + 10,000 + 5,000 - 3,000 = 37,000				

accrual logic

Budgeted Balance Sheet (3)

BANK DEBTS (t) = 8,000 + 10,000 = + 18,000			ES
New bank debt for 10,000 + 24,000			+ 24,000
Receivables	+17,500	2022 Profit	+ 3,420
Inventories	+ 6,020	Bank debts	+ 18,000
Cash	+ 3,050	Bonds	+ 2,000
		Payables	
Total Assets	66,570	Equity & Total Liabil	66,570

BONDS (t) =
$$4,000 - 2,000 = + 2,000$$

Repayment of bonds for 2,000

Budgeted Balance Sheet (4)

ASSETS		EQUITY & LIABILITIES	
Non-current Assets	+ 37,000	Shared Capital	+ 24,000
Non-current financial assets	+ 3,000	Reserves	
Receivables	+17,500	2022 Profit	+ 3,420
Inventories	+ 6,020	Bank debts	+ 18,000
Cash	+ 3,050	Bonds	+ 2,000
		Payables	+ 10,750
Total Assets	66,570	Equity & Total Liabiliti	66,570

PAYABLES (t) =
$$5,750 + 5,000 = 10,750$$

Trade payables + payables due to the supplier for the new equipment

Budgeted Balance Sheet (5)

ASSETS		EQUITY & LIABILITIES			
Non-c	urrent Assets	+ 37,000	Shared Capital	+ 24,000	
Non-c	urrent financial assets	+ 3,000	Reserves	+ 8,400	
Receiv	<i>r</i> ables	+17,500	2022 Profit	+ 3,420	
Invent	Invent				
Cash	RESER	.,000			
Total Retained earnings = Net profit (2023) – Dividends (2024) =			,570		
2,000 - 1,000 = 1,000					

Budgeted Balance Sheet (6)

ASSETS		EQUITY & LIABILITIES	
Non-current Assets	+ 37,000	Shared Capital	+ 24,000
Non-current financial assets	+ 3,000	Reserves	+ 8,400
Receivables	+17,500	2022 Profit	+ 3,420
Inventories	+ 6,020	Bank debts	+ 18,000
Cash	+ 3,050	Bonds	+ 2,000
		Payables	+ 10,750
Total Assets	66,570	Equity & Total Liabilities	66,570

$$ROA = \frac{EBIT}{ASSETS} = \frac{8,440}{66,570} \cong 12,7\% > 10\%$$