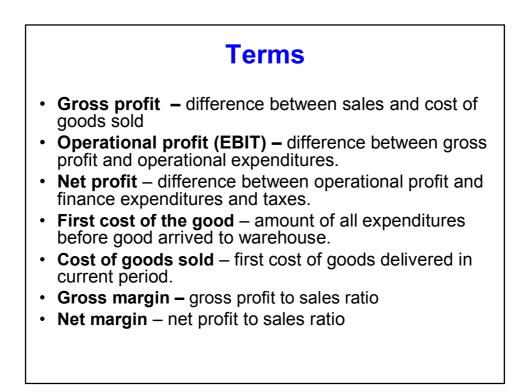


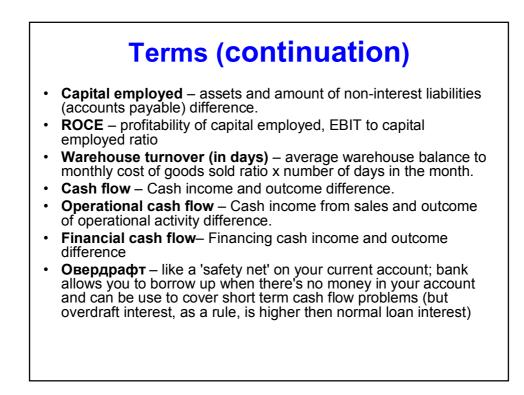


Game targets

To obtain practice knowledge and skills in strategic finance

- What is more important profit or cash ?
- How mush costs "frozen" warehousing goods?
- How to calculate first cost of the goods?
- In which case you can sell the goods lower their cost?
- How to read P&L and cash flow reports?
- What does it mean: First cost calculation?



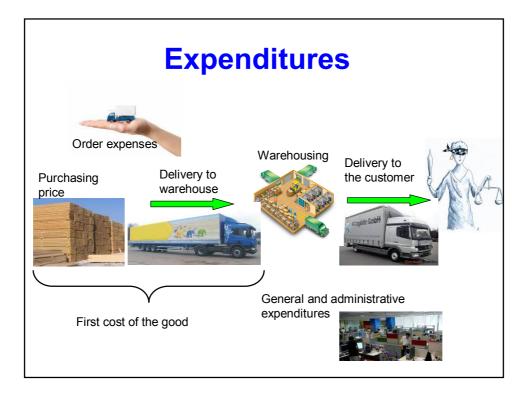


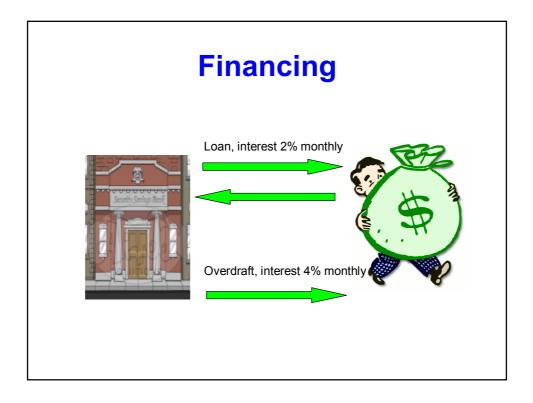


Tender for a fall

Why the request can not be accepted?

- Competitors price is lower
- You haven't enough volume of the good in corresponding warehouse
- The requested volumes of the good more than the balance in corresponding warehouse
- The requested price is more than maximum







	Plywood	Plank	Deal board	Beam	Fibreboard	Chipboard
Purhasing price Rub/m3	18000	7000	25000	12000	8000	12000
Volume of the lot, m3	20	30	35	35	25	25
Delivery, rub/lot	8000	8000	8000	8000	8000	8000
Order expences, rub/order	9600	12400	7200	12600	9500	6900
Period of delivery, months	1	0,5	2	1	0,5	0
Average sales volume, m3/month	210	200	150	300	150	190
Discount, % for 10 lots	2%	3%	1,0%	1%	2%	1,5%
10 lots, m3	200	300	350	350	250	250

Warehouses

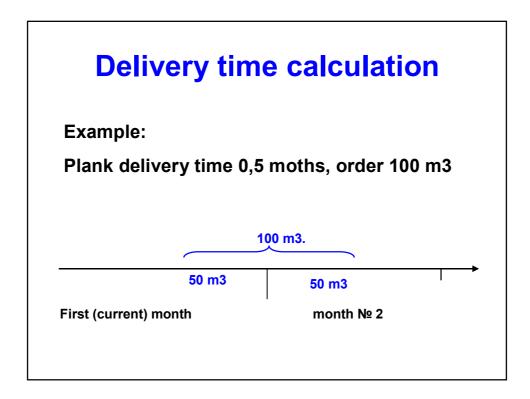
	Wh-1	Wh-2
Expences, rub/m3	90	70
Expences overcapacity, rub/m3	180	140
Capacity, m3	1 000	500

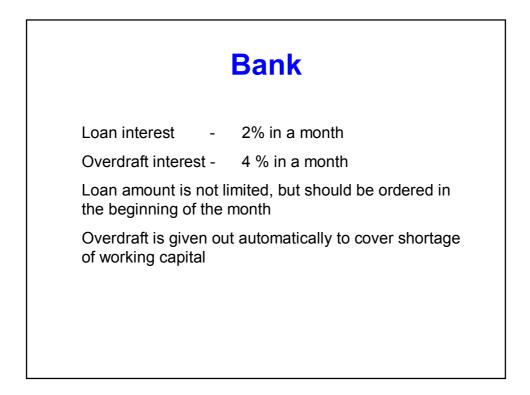
Delivery to customer

		Wh-1	Wh-2
	rub per lot		
Tender 1		20000	4000
Tender 2		24000	3000
Tender 3		12000	25000
Tender 4		6000	24000

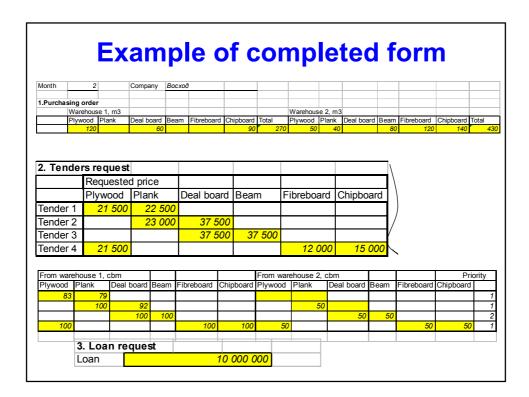
General and administrative expenditures

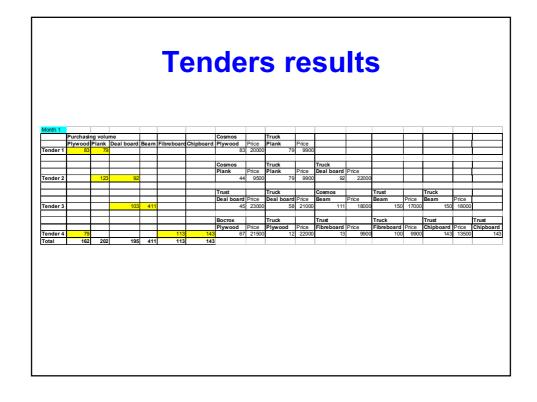
500 000 rub per month





				манда	-										
1.Заявка			ароы	на скла	іды										
	Склад 1				Dee		Cibar barad	Ohishaard	T-4-1	Склад 2		D	E		
	Plywood	Plank	De	eal board	Веа	m	Fibreboard	Chipboard	Total	Фанера	Доска	Вагонка	Брус	двп	дсг
Тендер)				
2. Заяв		участі едлага			ax				_						
Touror	_	нера	Доск	a	Ваго	нка	Брус	двп	ДС		\				
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В том чис										о склада					иорит
Фанера	Доска	Bar	онка	Брус	Į	ЦВП	ДСП	Фанера	а Дос	ка Ва	гонка	Брус	двп	дсп	
		_												_	
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Company report

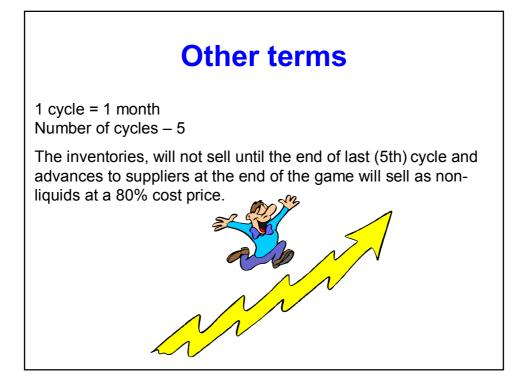
Financial report, month 1	Vostok
Sales	1 440 500
Delivery to the customer	40 000
Netsales	1 400 500
Cost of goods sold	1 206 000
Gross profit	194 500
Warehousing 1	54 000
Warehousing 2	21 000
General and administrative expences	500 000
Operational profit (EBIT)	-380 500
Loan interest	460 000
Overdraft interest	0
Net profit	-840 500
Profitability ratios	
Gross margin	13,5%
Net margin	-58,3%
Capital employed	
Average inventory balance	14 262 675
Avarage advances to suppliers	8 485 425
Total capital employed	22 748 100
ROCE	-20,1%
Average inventory balance	14 262 675
Cost of goods sold	1 206 000
Inventory turnover	355

Cash flow report	
Cash balance in the beginning	0
Cash income	1 440 500
Payments	
Delivery to the customer	40 000
Purchasing	21 580 000
Deliveries to the warehouse	464 000
Order expences	58 200
Warehousing 1	54 000
Warehousing 2	21 000
General and administrative expences	500 000
Loan interest	460 000
Overdraft interest	0
Total payments	23 177 200
Operational cash flow	-21 736 700
Financial cash flow	
Loans	23 000 000
Overdraft	0
Cash balance in the end	1 263 300
For information	
Loan balance in the end	23 000 000
Interim result	11 459 500

d Boam			
	Fibreboard	Chipboard	Total
0 300		-	1 700
60 160	160	160	960
0 150	100	0	470
30 170	0	80	530
90 90	0	300	730
	60 160 00 150 60 170	00 160 160 00 150 100 00 170 0	0 160 160 160 00 150 100 0 00 170 0 80

Products cost calculation report

Delivery, cbm	0	27	20	165	0	0	212
Profit before general ex	-18 180	194 395	286 720	3 701 274	-9 000	-9 000	4 146 208
Warehousing	18 180	34 830	0	10 440	9 000	9 000	81 450
Gross profit	0	229 225	286 720	3 711 714	0	0	4 227 658
First cost	0	190 775	505 280	2 023 286	0	0	2 719 342
Net sales	0	420 000	792 000	5 735 000	0	0	6 947 000
Delivery to the customer	0	12 000	8 000	40 000	0	0	60 000
Sales	0	432 000	800 000	5 775 000	0	0	7 007 000
	Plywood	Plank	Deal board	Beam	Fibreboard	Chipboard	Total
Vostok	Warehouse	e 1, cbm					





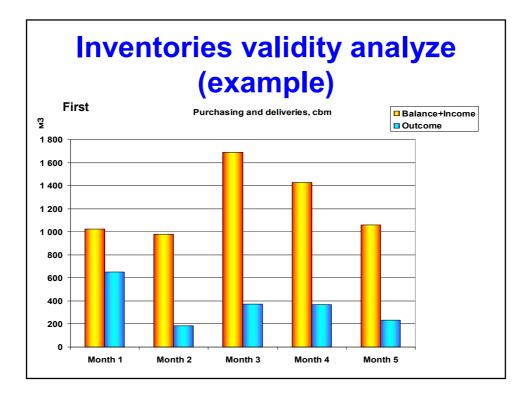
Results analyze

Game results

- Capital employed profitability analyze (ROCE)
- Profit and profitability analyze
- · Inventories validity analyze
- Warehousing expenditures analyze

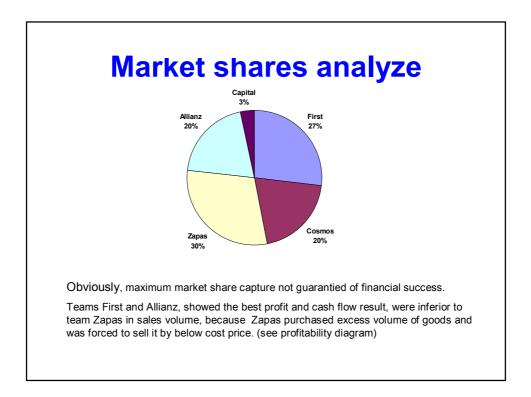
Decisions analyze

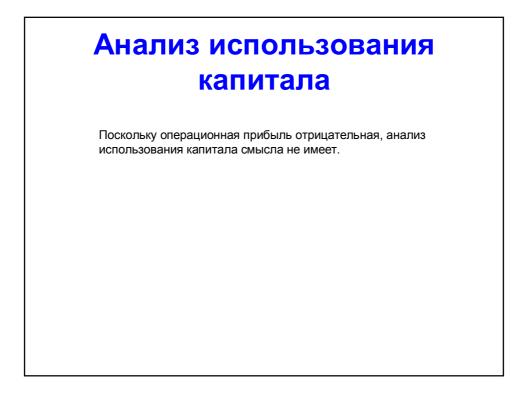
- · How to determine purchasing volumes?
- · How to calculate tender price?
- · How to minimize warehousing expenditures?
- · Is it reasonable to take advantage of suppliers discount?

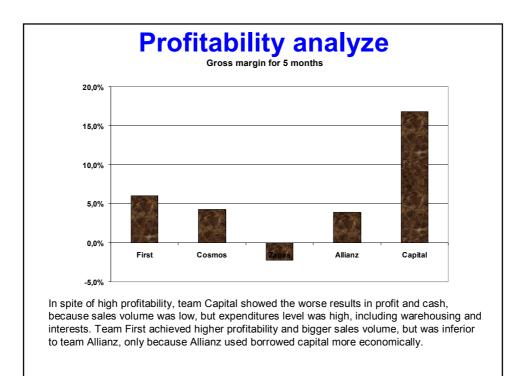


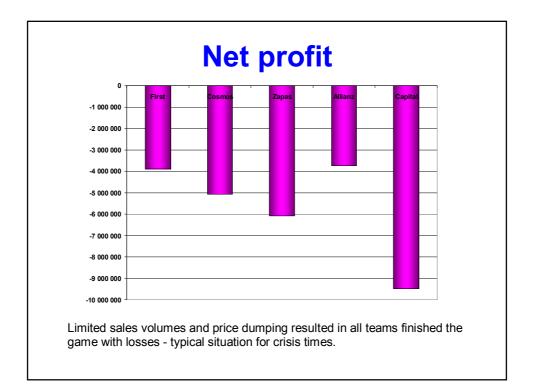


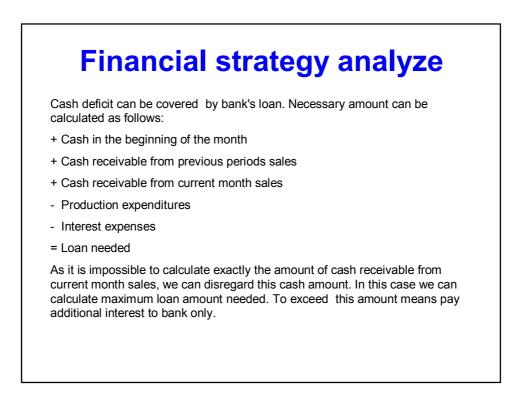
- 1. Theoretical inventory optimum is equal in monthly sales volume. But quite understandable, that in terms of tight price competition, this optimum is unachievable.
- We can accept, that month's reserve of inventory is sufficient. (Balance + income – outcome = average monthly sales volume)
- 3. All teams purchased actively in months 2 and 3. As a result, almost all companies had stocks, exceeded the volume of total monthly sales (market volume -1200 cbm)
- 4. In this situation, team Allianz demonstrated more rationally strategy. This team had minimum stock, among of all.
- 5. Subsequent dumping and lower cost sales has been as the result of excessive purchasing. Finally all the teams revealed the losses.

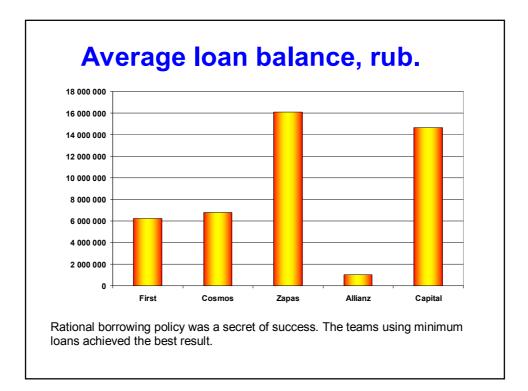


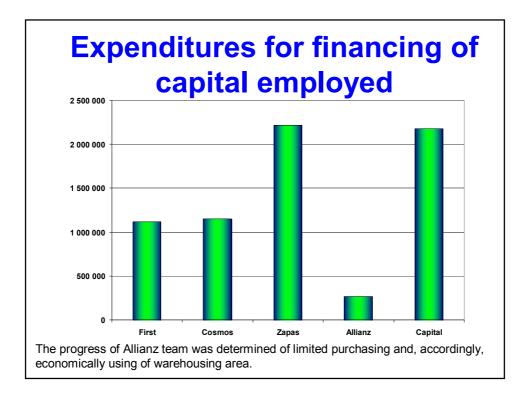


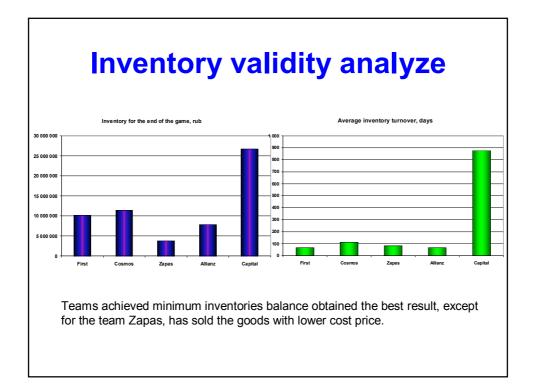


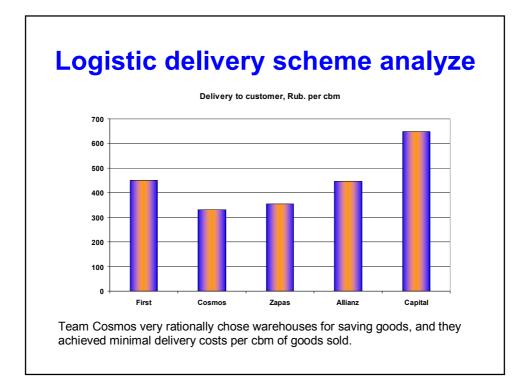












Δ	lianz, month 4	First, month 4
	Deal board	Plywood
Sales	76 950	20 101
Delivery to customer	3 000	6 000
Net sales	73 950	14 101
Cost of goods sold	75 804	18 449
Gross profit	-1 854	-4 348
Warehousing	210	12 240
Profit befor gen. expen.	-2 064	-16 588
Delivery, cbm	$\left(\begin{array}{c} 3 \end{array} \right)$	

Transportation cost is not depend of loaded goods volume.

