BOTTLENECK CATEGORY

ROAD TRANSPORTATION OF SULPHUR

Zuzana Miladinovič

Category manager for road transportation

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AGENDA

- ▶ FEW WORDS ABOUT THE CATEGORY
 - Product to be transported sulphur
 - Service which is the subject of purchase road transportation
 - Market
- ▶ WHAT IS THE PROBLEM? HOW TO SOLVE IT?
- ▶ FEW SOLUTIONS AND ITS VALIDATION
 - Find new suppliers on the market
 - Creation of own fleet
 - Other alternative solution



FEW WORDS ABOUT THE CATEGORY

SULPHUR

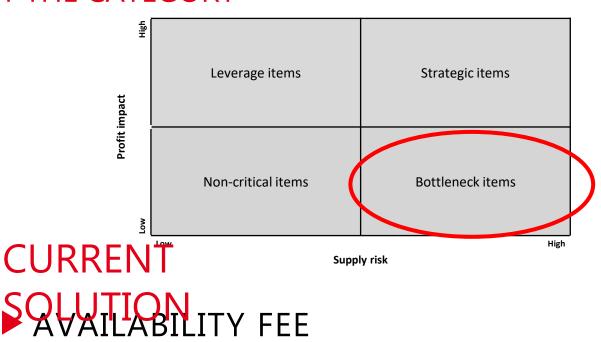
- ► SIDE PRODUCT LOW MARGIN
- **▶** UNPREDICTABLE PRODUCTION
- ► LIMITED STORAGE CAPACITY
- ► RISK OF THE SHUTDOWN

TRANSPORTATION OF SULPHUR

- ► SPECIFIC VEHICLES
- ► OUR COMPETITIVE ADVANTAGE

MARKET

ONLY FEW SUPPLIERS ON THE MARKET

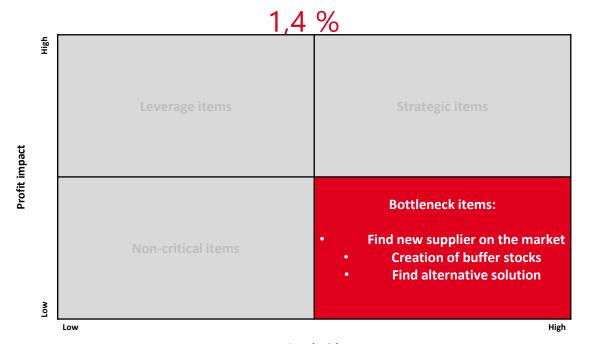


Monthly fee paid for specific number of trucks doesn't matter if we are using them or not



WHAT IS THE PROBLEM? HOW TO SOLVE IT?

AVAILABILITY FEE IS PAID EVERY MONTH, BUT UTILIZATION OF THE TRUCK IS LOWER THAN





OUR POSSIBLE SOLUTION

1. TO FIND NEW SUPPLIERS ON THE MARKET

New suppliers could cover unpredictable production =peaks.

Condition to minimize the risk:

- **testing period** based on which the availability fee will be eliminated is needed.

2. TO CREATE OWN FLEET

New truck could be used only for the period of increased production

Conditions to minimize the cost:

- Very detailed calculation of the cost of creation of own fleet
- Consider the risk of drivers shortage



3. ALTERNATIVE SOLUTIONS

- Transform the responsibility for transportation to our customers = loose of competitive advantage
- New way of transport switch the capacities to rail
- New stock alternative rental of RTCs
- Inhouse consumption of sulphur for another production



THANK YOU FOR YOUR ATTENTION

