Highly efficient Optimization tool for stockpreparation
Sokrates
469 v. Chr. – 399 v. Chr.
Qualifiber “Quick Scan”

IRON WILL

SUCCESS
OPTIMIZATION start's:

MYSELF
OPTIMIZATION

Only works if:

DOING
Qualifiber tool: "QUICK SCAN"

FIND OUT THE POTENTIAL OF SOMETHING EXISTING "quickly"
OPTIMIZATION tool for:

PAPERMILL's
BASED ON „RECYLED“ FIBERS
RECYCLED FIBERS

RAW MATERIAL WITH HIGHEST SUSTAINABILITY
Annual Paper Production

- World: 400.000.000 Ton
- Europe: 92.000.000 Ton
- Germany: 22.600.000 Ton (~ 50% VP)

- From recycled fiber: 16.500.000 to
  - From pulp: 4.500.000 to
  - From mechanical pulp: 1.200.000 to

Quellen: VDP Statistiken / Austropapier
OPTIMIZATION

IRON WILLING DOING

FIND A PARTNER IN THE FIELD OF OPTIMIZATION
WHAT PROPERTIES?

- BEST IN THE FIELD
- LONG TIME RELATIONSHIP
- GOOD FEELING
- TRUST
Basic of the technology is OPTIMIZING and SIMPLIFICATION.
Low Energy consumption at high fiber yield to OPTIMIZE the environmental forces...
“QUICK SCAN” the PROCESS

- BEST CASE – 3 MILL Day’s
- Customer data preparation
- Running system
- Stop - time
“QUICK SCAN” the PROCESS

First day:
- Working out existing figures of the mill
  - Production last 12 month
  - Energy consumption
  - Reject amount last 12 month
  - Water consumption
  - Product range of PM
  - Efficiency of PM
  - Block diagram of stock / water systems
  - Work out laboratory program for sampling
“QUICK SCAN” the PROCESS

Also on first day:

What are the 3 BIG POINTS?

- Fiber loss
- Capacity
- Dirt content in recycled raw material
- Life time of equipment
- Problems in paper quality
“QUICK SCAN” the PROCESS

- 2nd and 3rd day:
  - Mill visit
    - Take the samples for laboratory
    - See the raw material
    - See the reject’s
    - Operation of pulper area
    - Operation of coarse screen area
    - DCS-check / trend’s
    - Open equipment (if possible)
    - TALK TO OPERATORS!
“QUICK SCAN” the PROCESS

4th day:

- Preparation of preliminary report
  - Statement of existing situation in a simple way
  - Statement of possible solutions for existing problems
  - Budget / Time table / ROI
“QUICK SCAN” the PROCESS

➢ 5th day:

➢ Presentation report to mill management

✓ Discussion of Activities
  • Short time
  • Long time

That makes the mill more successful
Optimization summary:

✓ IRON WILLING

✓ BEST PARTNER IN THE FIELD

✓ GOOD PROGRAMM FOR „QUICK“ RESULTS
Optimization summary:

MOST IMPORTANT:

TEAM

TRUST
Optimization summary:

- WHAT YOUR TEAM HAS TO KNOW:
  - Where is our mill?
  - Where we want to go?
  - Value of the Team is much higher than the most expensive equipment!
  - The Team is heard
Optimization process “reminder”:

✔ Ask yourself first

✔ Ask your people second!

✔ That will give you the cheapest and most efficient OPTIMIZATION you can get!

✔ And that is SUSTAINABLE!
Result's in reality...
Good result’s in reality...
...are always TEAMWORK
People are doing things well and efficient, if it makes them happy....