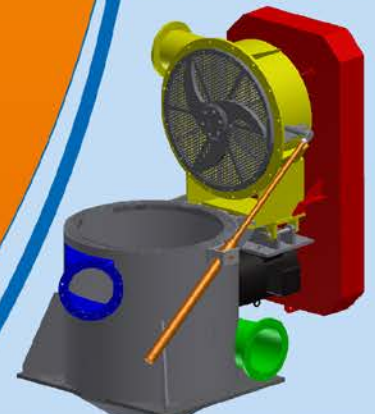
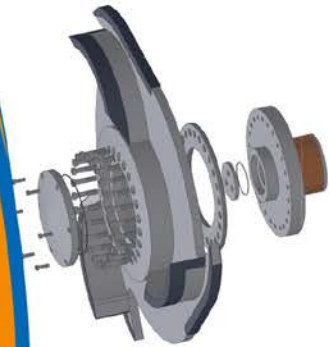


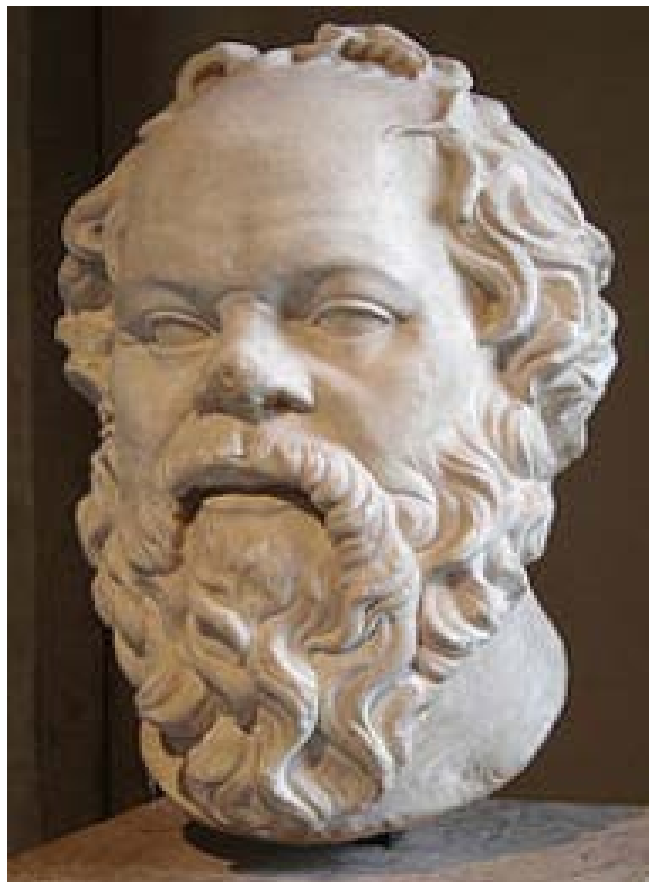
**43rd International Annual Symposium DITP
»PAPER - AN ALWAYS EXCITING STORY«**

GREBIEN QUALIFIBER GMBH
Recycling Technology Since 1999

**Highly efficient Optimization tool for
stockpreparation**

PAPERTAINMENT® BY QUALIFIBER - SIMPLE AND EFFICIENT





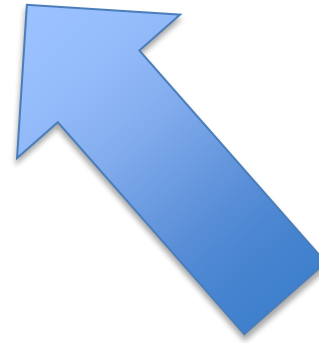
Sokrates
469 v. Chr. – 399 v.
Chr.



Qualifiber “Quick Scan”



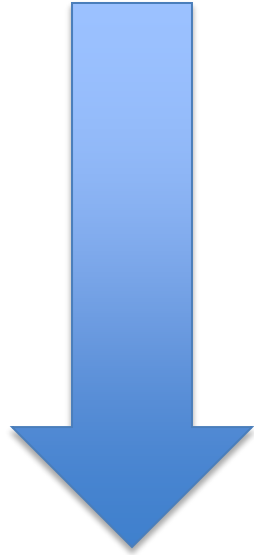
SUCCESS



IRON WILL

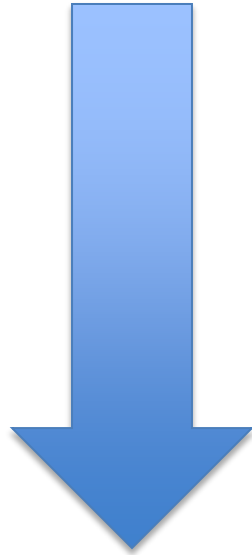


OPTIMIZATION start's:



MYSELF

OPTIMIZATION
Only works if:



DOING



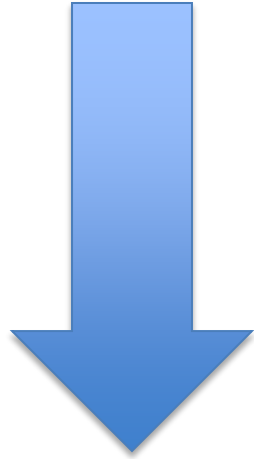
Qualifiber tool: “QUICK SCAN”



**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



OPTIMIZATION

**IRON WILLING
DOING**

**FIND A PARTNER IN THE
FIELD OF OPTIMIZATION**



WHAT PROPERTIES?

- **BEST IN THE FIELD**
- **LONG TIME RELATION SHIP**
- **GOOD FEELING**
- **TRUST**

OPTIMIZATION

A screenshot of the Smurfit Kappa website. The header includes the Smurfit Kappa logo, a green 'Annehmen' button, and links for 'Ablehnen' and 'Unsere Standorte'. The navigation menu has 'Home', 'Produkte', 'Innovation', 'Nachhaltigkeit', and 'Über uns'. The main article is titled 'Niederlande: Umweltfreundliche Ergebnisse mit Blue Print Process'. The text describes the development of the Blue Print Process for recycling paper, focusing on optimization and simplification to reduce energy consumption and increase fiber yield. A photo of a paper mill is shown below the text. A sidebar on the left lists 'Presse' and 'Publikationen' with years from 2011 to 2014. A right sidebar contains 'Contact' and 'Share this' options with social media icons.

Smurfit Kappa

Annehmen Ablehnen Unsere Standorte

Home Produkte Innovation Nachhaltigkeit Über uns

Niederlande: Umweltfreundliche Ergebnisse mit Blue Print Process

Home > Presse > Pressemitteilungen > Niederlande: Umweltfreundliche Ergebnisse mit Blue Print Process

Presse

- Pressemitteilungen
- 2014
- 2013
- 2012
- 2011

Publikationen

Unser europäisches Forschungs- und Entwicklungszentrum in den Niederlanden hat das Konzept des Blue Print Process für die Stoffaufbereitung von Recyclingpapier entwickelt.

Der Technologie liegen Optimierung und Vereinfachung zugrunde. Mit ihr soll ein möglichst niedriger Energieverbrauch bei möglichst hohem Faserertrag zur Verbesserung der Umwelleistung erreicht werden.



Contact

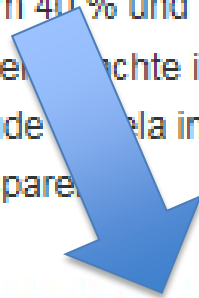
Share this

Basic of the technology is OPTIMIZING and SIMPLIFICATION. Low Energy consumption at high fiber yield to OPTIMIZE the environmental forces...

OPTIMIZATION



2011 wurde der Blue Print Process erfolgreich in vier der Recyclingpapierfabriken von Smurfit Kappa eingeführt. Im Vereinigten Königreich erzielte SSK Energieeinsparungen von 1.400 MWh/Jahr. Townsend Hook in England reduzierte den Stromverbrauch bei Aufschlussprozessen um 40 % und verbesserte die Reinheit des Zellstoffs. Die Herzberger Fabrik in Deutschland verbesserte ihr System und reduzierte so den Stromverbrauch um 4.000 MWh/Jahr, während Oude Nieuwe in den Niederlanden ihre Fertigungsstraße verkürzte, um 2.700 MWh/Jahr einzusparen.



MWh/Jahr. Townsend Hook in England reduzierte den Stromverbrauch
Aufschlussprozessen um 40 % und verbesserte die Reinheit des Zellstoffs



“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**

- ✓ **Butged / 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



WWW.QUALIFIBER.AT

People are doing things well
and efficient, if it makes them
happy....

