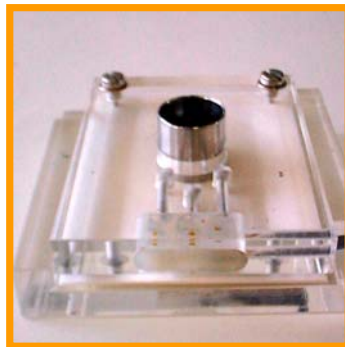


Consulting, Product Testing and Development



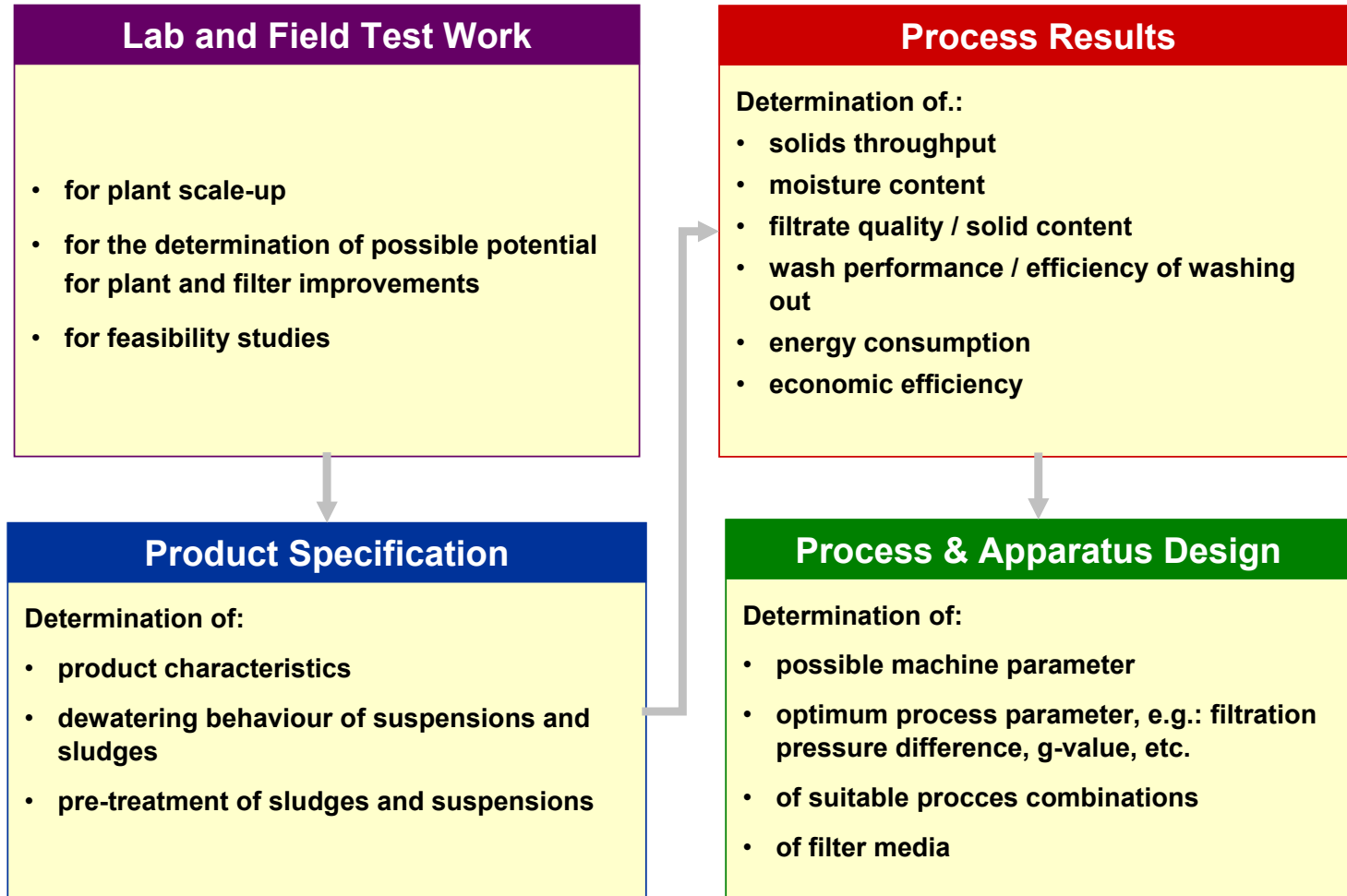
**B
O
K
E
L
A**

Performances & Technologies for Solid Liquid Separation



Comprehensive Services

From Product Testing to Process Design



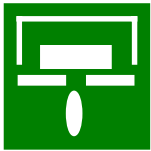
Technology Screening and Evaluation



Vacuum/Pressure Filtration



Washing



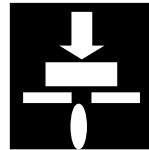
Steam Pressure Filtration



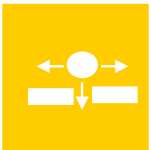
Sedimentation / Centrifugation



Precoat Filtration

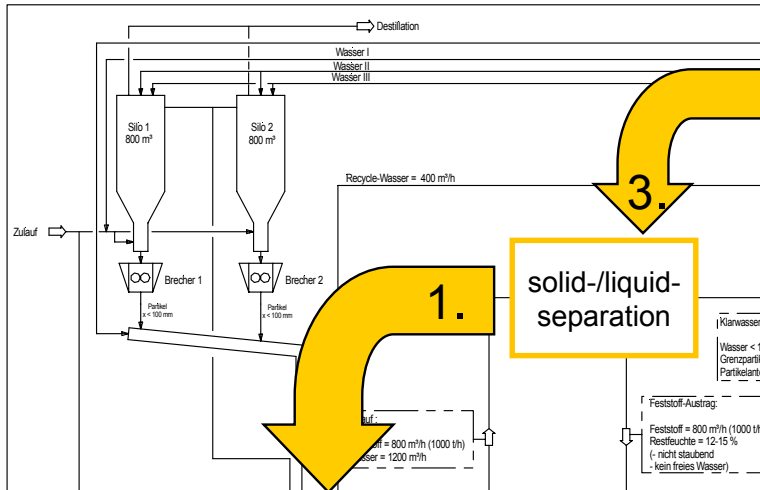


Press Filtration



Cross-Flow-Filtration
(Membrane & Sieve Filtration)

Independant Technology Screening and Evaluation

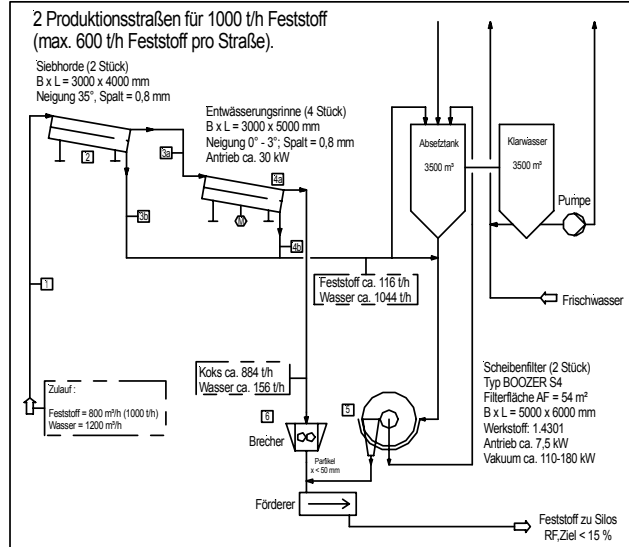


Basic Steps of the Technology Screening

- documentation of the current situation
- definition of the project targets
- lab test work
- technology screening
- dewatering concept

2.

Integration of the Dewatering Concept in the Process



Dewatering Concept

- flowsheet
- investment & running costs

Test Equipment



Specification of Filtration and Dewatering Characteristics of Suspensions and Sludges

Vacuum and Pressure Filtration

(steam-) pressure filter cell, vacuum & pressure hand filter plate, polishing filter cell, pilot plant for continuous vacuum & pressure filtration $A_F = 0,4 - 3,75 \text{ m}^2$ (drum filter, disc filter)

Steam Pressure Filtration

(steam-) pressure filter cell, pilot plant

Precoat Filtration

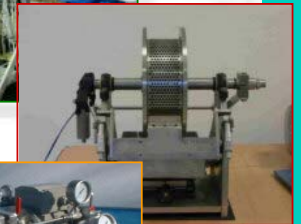
precoat drum filter (0,05 m²)

Cross-Flow Filtration

DYNOTEST (130 cm²), Pilot-Dynofilter (0,13 m²), Dyno-Filter (4 m²)

Backflush Filtration

Lab plant ($T \leq 200^\circ\text{C}$, $p \leq 16 \text{ bar}$), Pilot plant (5 m² filter area, performance $\gg 2.0 \text{ m}^3/\text{m}^2/\text{h}$, $p_{\text{max}} = 4.9 \text{ bar}$)



Development of New Processes & Apparatus



Individual Solutions

Adapted Equipment

New Concepts

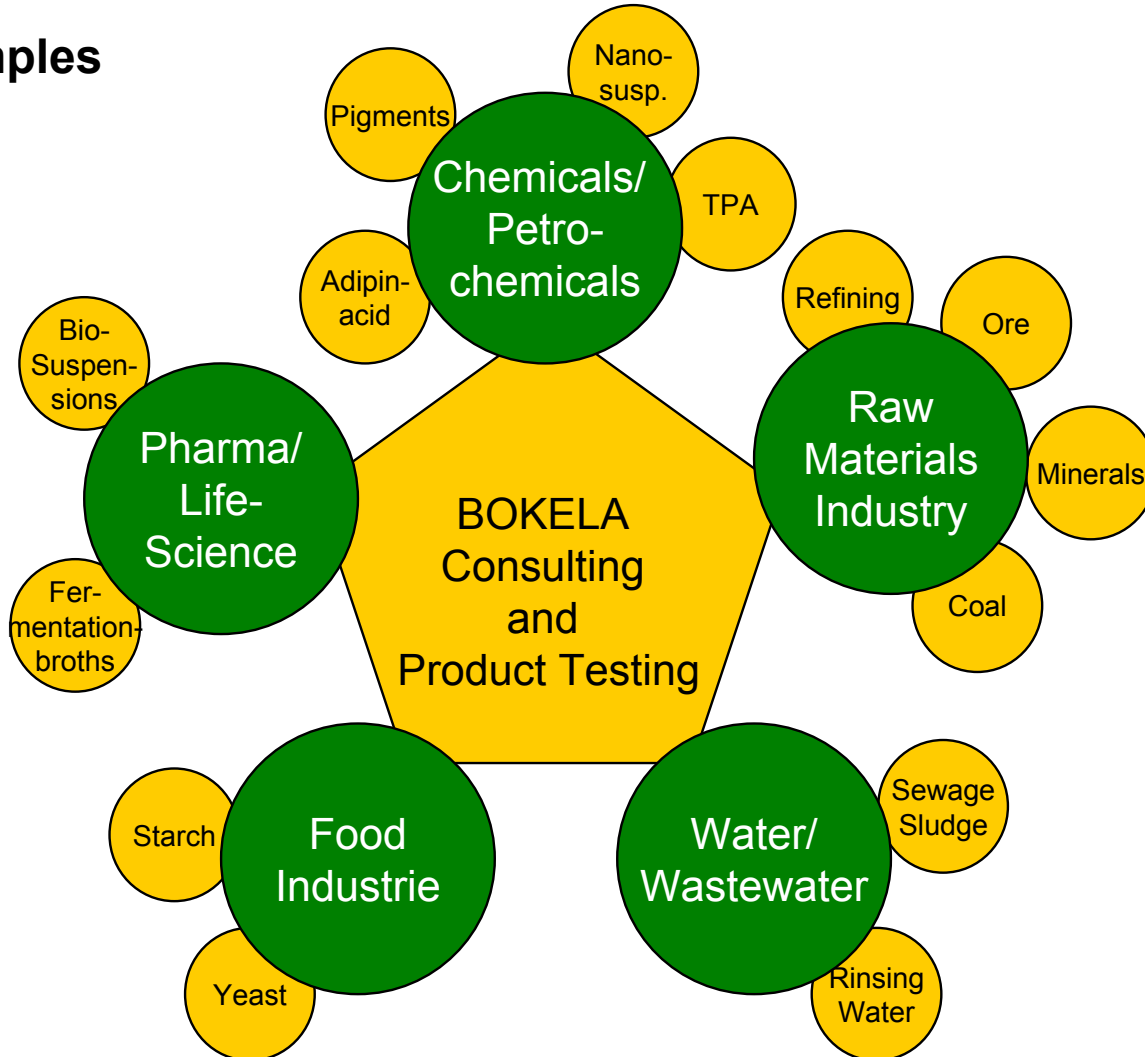
**Development Projects
for/with Manufacturers**

Public Promotion

Customer Industries



Examples





www.bokela.com

BOKELA GmbH

Tullastr. 64
76131 Karlsruhe
Deutschland

Tel.: +49 721 96456-0
Fax: +49 721 96456-10
bokela@bokela.com

BOKELA Australia Pty

Building 5 Spring Lake Commercial
1 Springfield Lakes Blvd
Springfield Lakes, QLD 4300
Australia

phone : +61 7 3288 1400
fax: +61 7 3288 1424
bokelaofaustralia@bokela.com

BOKELA do Brasil Ltda

R. Santiago Ballesteros 610
Sala 6, Cinco
32010-050 Contagem – MG
Brazil

phone: +55 31 2565 0976
fax: +55 31 2565 3976
bokeladobrasil@bokela.com