### Papiertechnische Stiftung: Our core competences

### Fibres & Composites

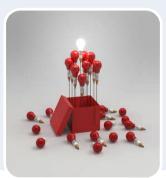


Efficient paper production

Development of semi-finished products and bio composites

Quality assurance in the use of paper for recycling

# Packaging & Conformity



Coated barriers

Packaging with novel functions

Contactless manufacturing techniques

#### Print & Functional Surfaces



Functionalisation of web-shaped materials

Optimisation of printability and runnability

Surface evaluation

#### Innovative Measuring



Measurement technology for process control in laboratories and industry

Innovative sensor applications for online monitoring

Integrating measurement technology in corporate data systems

# Materials Testing & Analytics



Testing services for paper, paperboard and board

Avoiding complaints

Assessing the product performance



### **Fibres & Composites**

#### **Customer benefits**

#### **Technology consultancy**

Developing new markets

#### **Cost savings**

Enhancing process efficiency

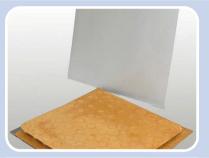
#### **Material development**

Improving added value



#### **New materials**

Production of organic sheeting from inorganic and synthetic fibres intended to supplement established products (paper technology platform)



# Paper in combination with other materials

Function-integrated lightweight construction, paper-sheet metal composite, honeycomb structures, etc.



# Control of paper properties, fibre modification

Production of combinations of entirely bio-based materials (reactive extrusion platform)



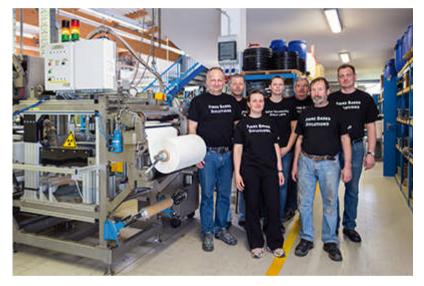
#### Cavitation

Utilisation of acoustic and hydrodynamic cavitation for stock preparation and cleaning



# Pulp and paper pilot plants: Unique test equipment and experience

Use our pilot plant facilities for practice-oriented and innovative developments of new products and processes – from plaine applications up to high performance fibre composites.



Production of paper and non-woven in kg scale

- Development of innovative fibre composites
- Practically relevant quality evaluation of pulps
- Development and testing of new technologies for pulp upgrading
- Material- and quality optimisation (fibres/ fillers/process chemicals)
- Development of new paper qualities and sample production for application studies



### Your contact

### **Anatoli Davydov**

Assistant to the Executive Board

Fon: +49 (0) 89 / 12146 - 493

mobile: +49 176 12146 - 387

Fax: +49 (0) 89 / 12146 - 36

E-Mail: anatoli.davydov@ptspaper.de

Papiertechnische Stiftung

Heßstraße 134, D-80797 München

