

## Development of an energy efficient wear reduced agglomeration technology

Entwicklung einer energetisch optimierten und verschleißreduzierten Agglomerationstechnologie



### Project aim

Development of a high-performance press for an optimal briquetting of finely dispersed materials.

The process is characterized by a **high plant availability** and very **low downtime periods**.

### Advantages of the high-performance press EVA

- + Scalability through modularity
- + Massive wear reduction
- + Low power consumption
- + Highly flexible operating parameters
- + Optimized shutdown planning

### Areas of application

The high-performance presses will be operated as small scale plants up to industrial scale systems and high throughputs.

The leading approach is the development of an universal press. A huge number of bulk materials can be processed to high quality briquettes.

Renewable resources

Fossil resources

Residual and waste materials

Mineral resources



Decades of experience in agglomeration technologies where made by the Bergakademie Freiberg (ITUN) and are now concentrated by founding a plant supplying company with the following scope of services:

Sale of high-performance presses

Technical services

Supply of wear components and spare parts

Plant and process monitoring

Engineering services

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... the new way of  
efficient briquetting