

# Coal Mining Coke Production



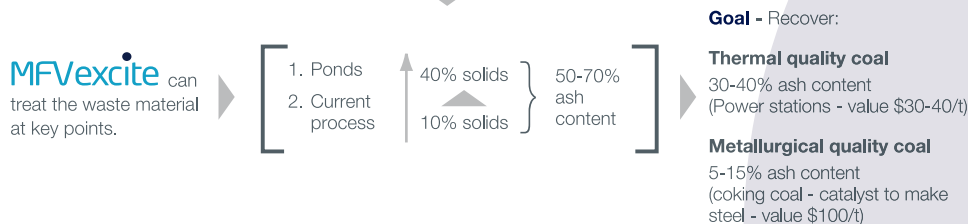
## Background - Coal Mining



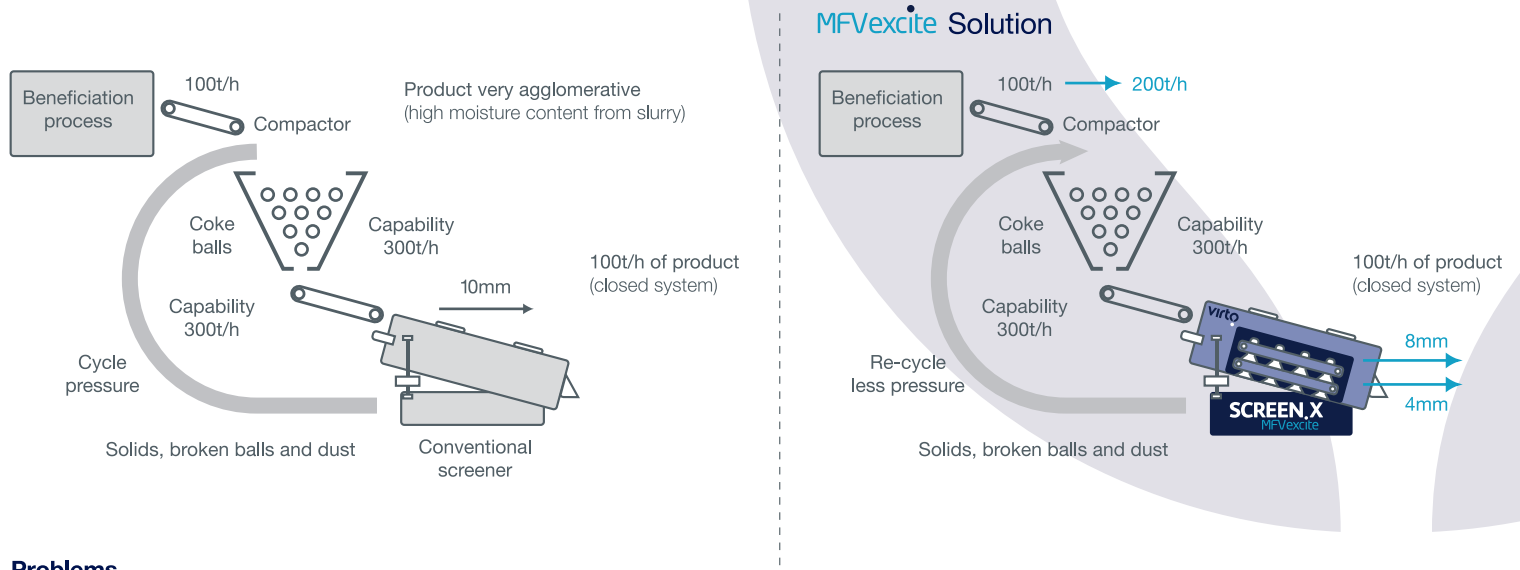
**Virto Equipment uses MFVexcite technology to recover between 10% and 40% of solids from Coal Ponds as well as the main mining stream.**

MFVexcite, using fine filtration, allows Virto Equipment to reduce the ash content in the coal product recovered thereby creating additional product for both the Thermal Coal and Metallurgic Coal industries.

MFVexcite excels in the separation of product in the coal production or recovery process, reducing the amount of good product in the waste stream or in the tailings ponds.



## Coke Production



### Problems

- Good product being returned to compactor
- Dust in oversize going to metallurgic process

4 Es	Result
<b>Efficiency</b>	More effective separation reduces Cycle pressure and doubles throughput.
<b>Economy</b>	More efficient process means reduced running costs per ton processed.
<b>Energy</b>	Less energy consumed per ton processed.
<b>Environment</b>	Water treatment post compacting allows press filtration to produce nearly clean water and briquettes which don't leech chemicals into the soil.