

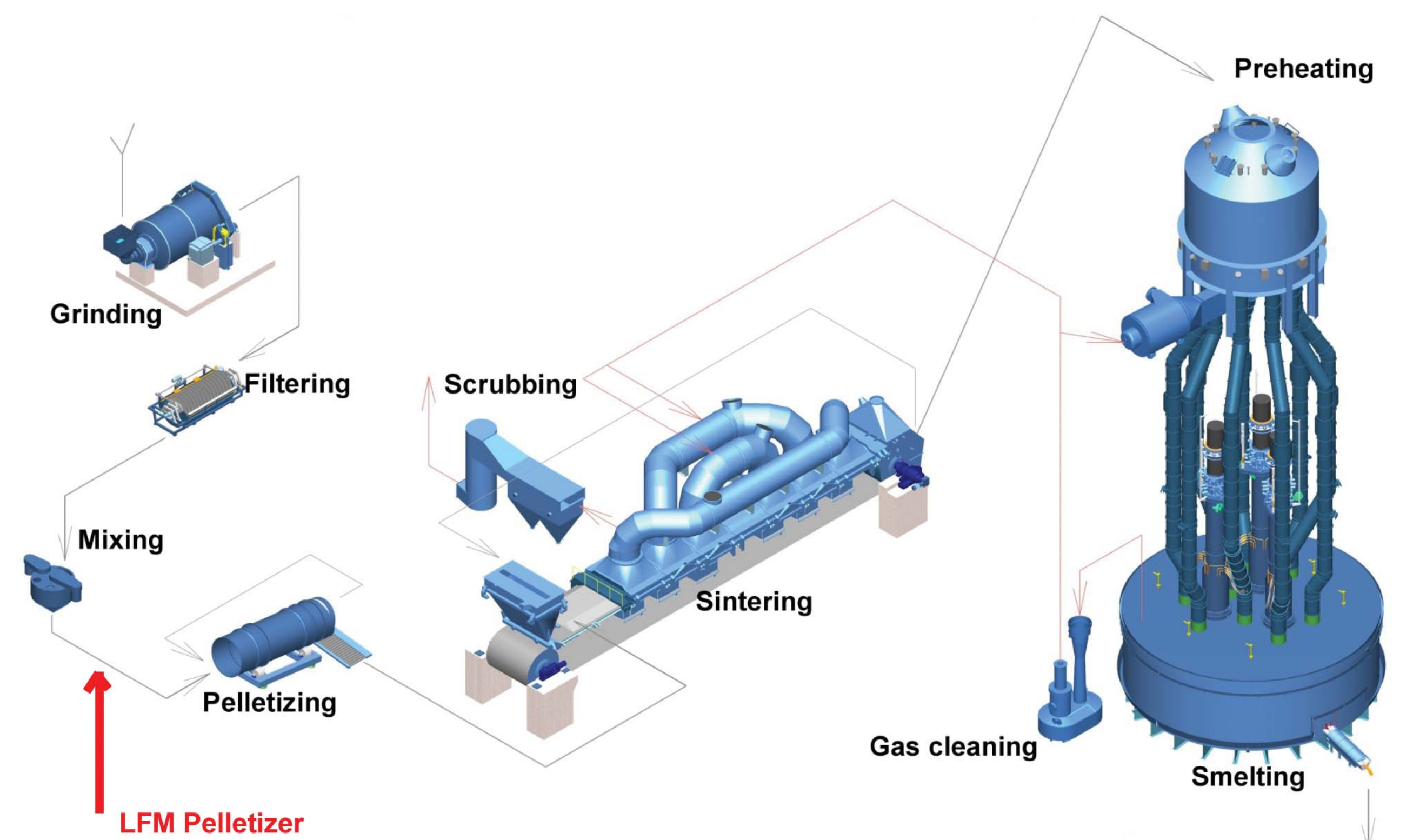
Outokumpu Technology Installs LFM's in Pelletising Plants Worldwide



Following a trial period that exceeded expectations in terms of accuracy and reliability, Outokumpu Technology has announced it will integrate LFM Moisture Analysers from Intalysis into its new SBS pelletising plants throughout the world.

“Moisture levels are critical to achieving optimum results during the pelletising process. In the LFM Moisture Analyser we found a reliable instrument that delivers accurate moisture measurements for the control of our pelletising operation.”

Petri Jokinen
Manager, Technology Development
Outokumpu Technology



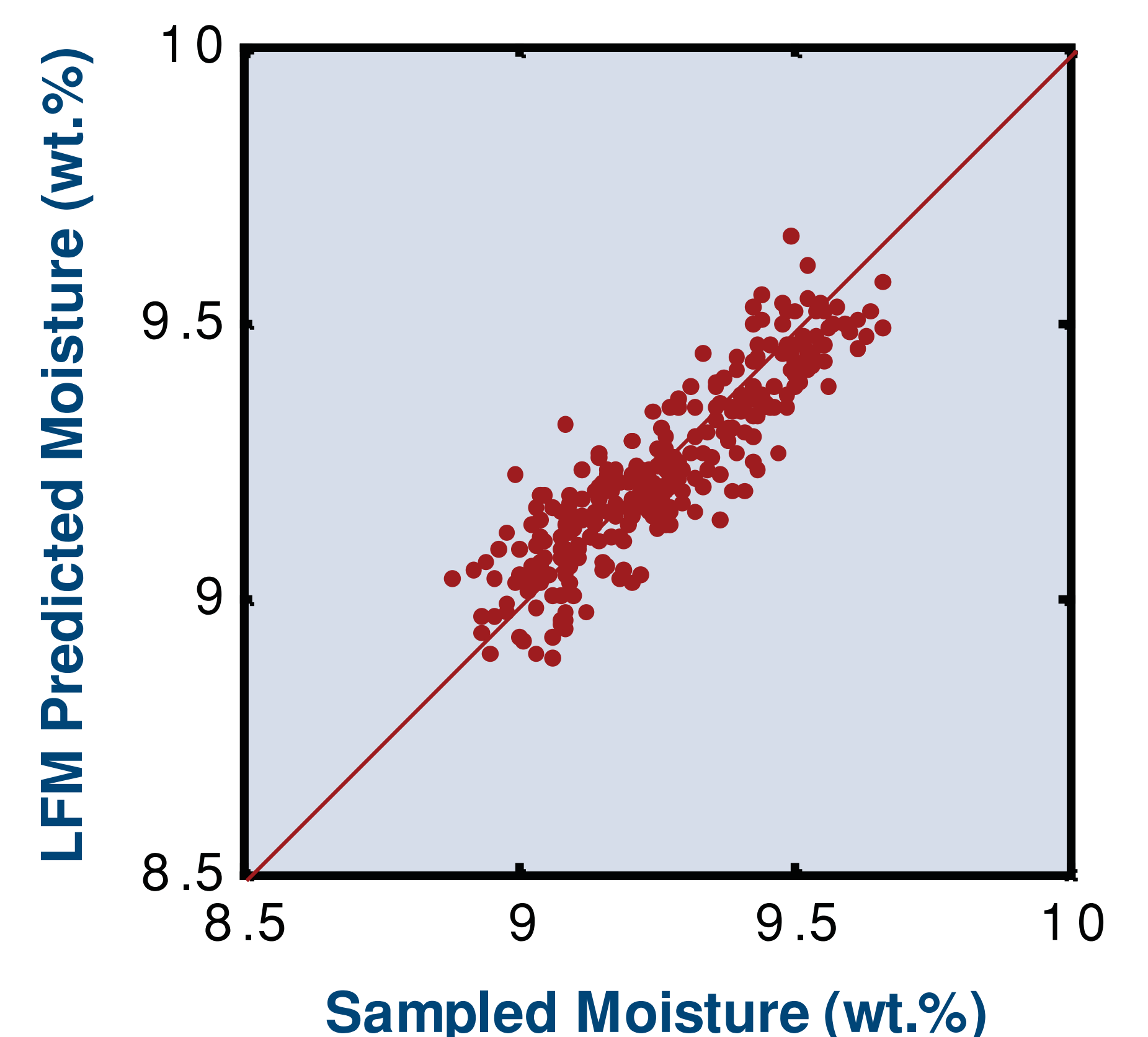
Flow sheet of the award-winning Outokumpu ferrochrome process

Outokumpu Technology installed the LFM Moisture Analyser at the Outokumpu ferrochrome pelletising plant in Tornio, Finland. The plant features a unique, fully integrated production chain which has enabled Outokumpu to achieve an extremely cost-effective operation.

The company began evaluation trials in late 2004. Trials involved remote calibration and verification of the Analysers outputs on 290 sample measurements. To do this, the LFM support team in Sydney first downloaded data from the Analyser via GSM modem. Multiple linear regression techniques were applied to obtain the calibration curves which were then uploaded (via GSM modem) to the system.

The LFM Moisture Analyser delivered accuracies of +/- 0.081% (one standard deviation). These results, combined with the Analysers ability to easily integrate with Outokumpu's existing technology, ensured the initial trials were a complete success.

Outokumpu Technology has since signed an agreement with Intalysis to integrate the LFM Moisture Analyser into its SBS pelletising plants worldwide.



Graph showing relationship between LFM-predicted moisture and sample moisture. The standard error is 0.081% (including the sampling precision).