

ARCFUME

- How to turn waste into value

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- ScanArc Plasma Technologies
 - a technology provider of metallurgical processes
- Thermal treatment technology applied to fly ash from waste incineration
- Ongoing development project
 - Avfall Sverige, ScanArc and several companies from the Swedish energy sector





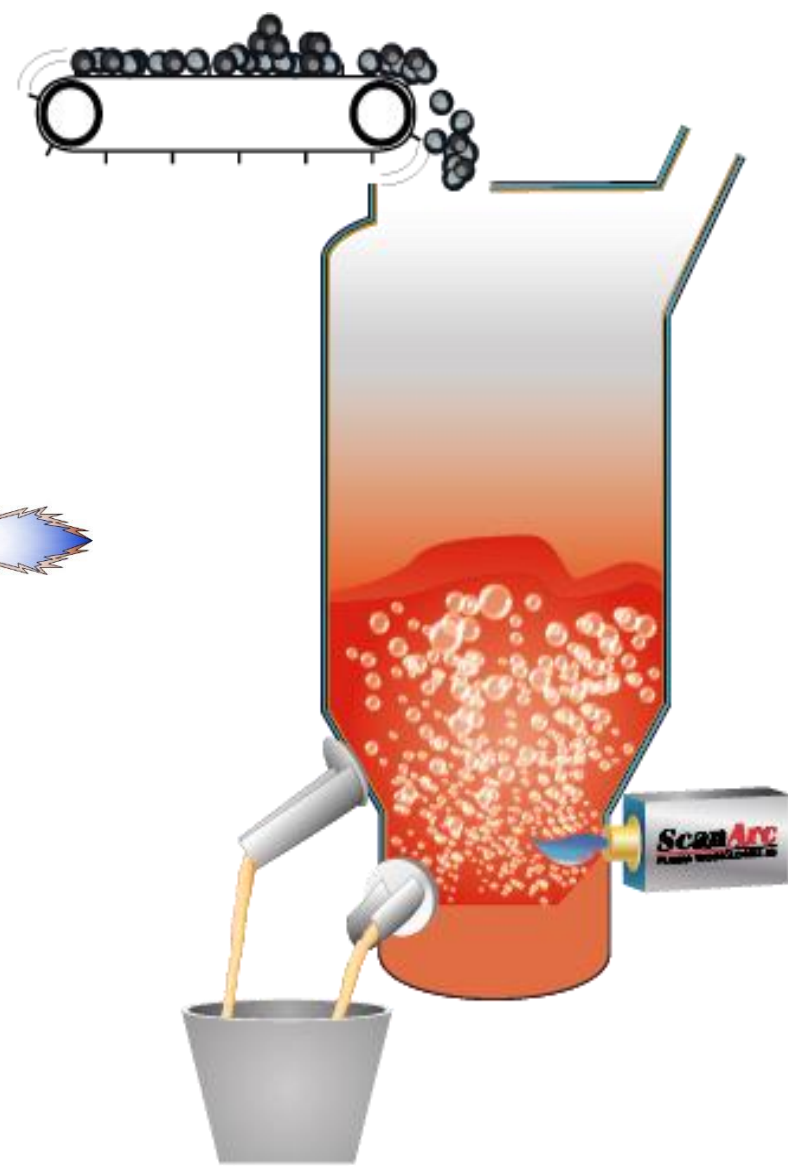
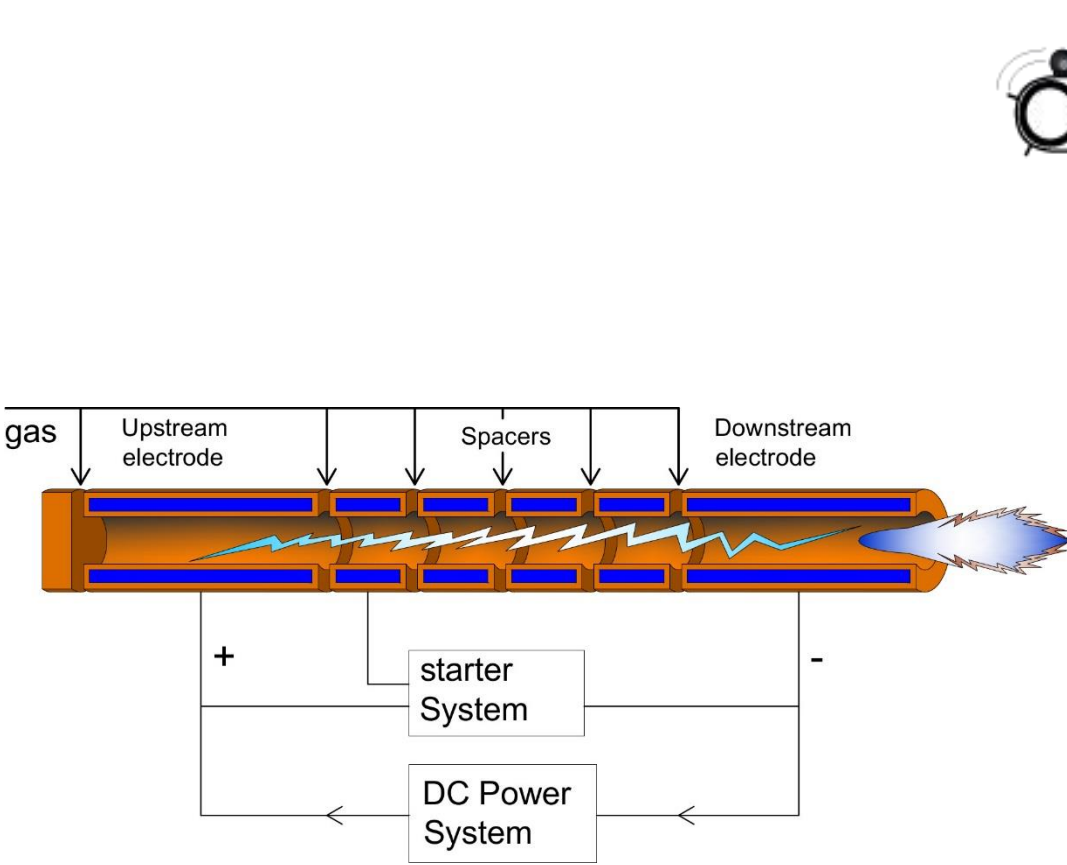
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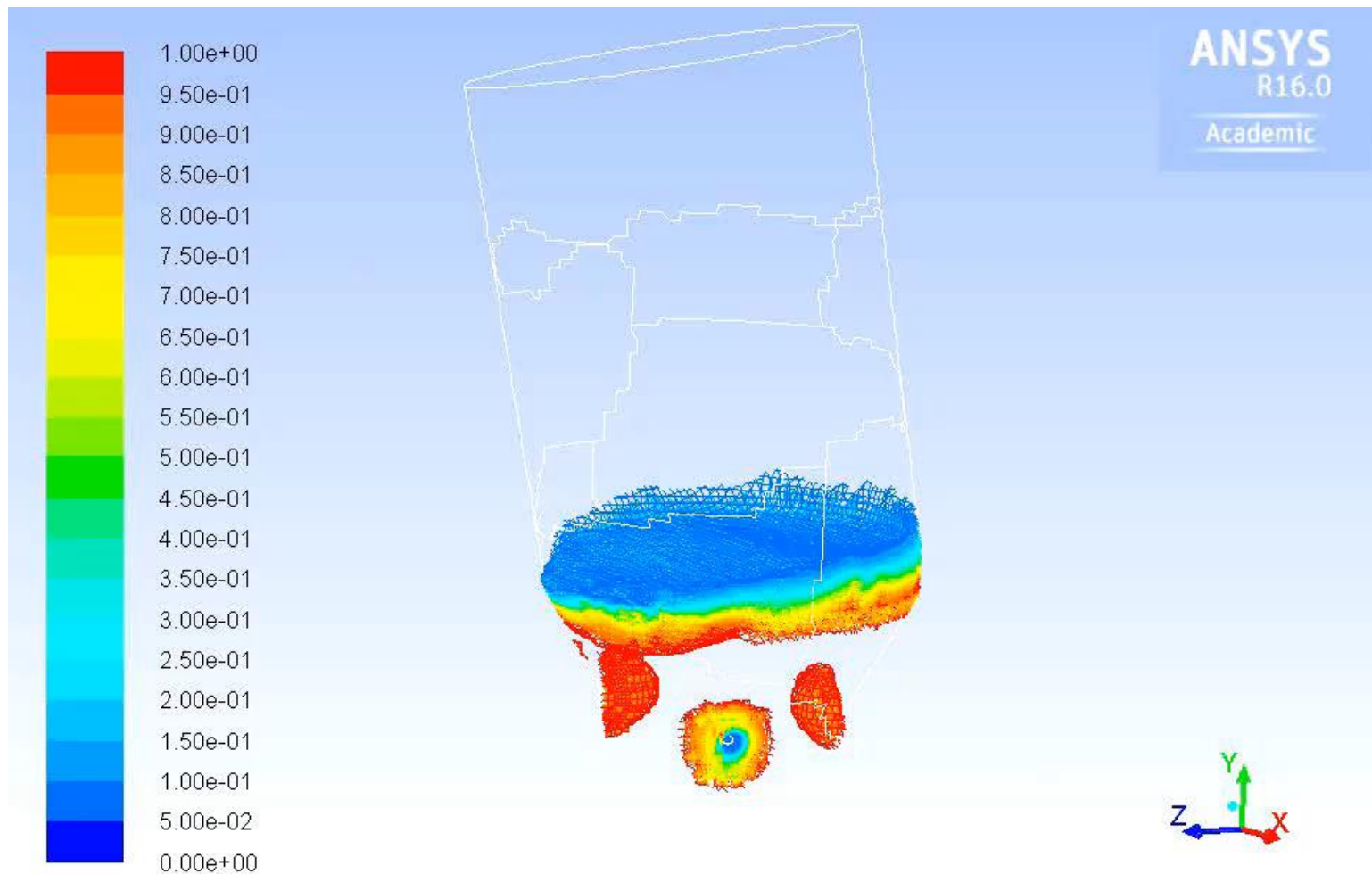


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“Thermal treatment is both expensive and energy demanding!”

“What can we do with the glassy material?”



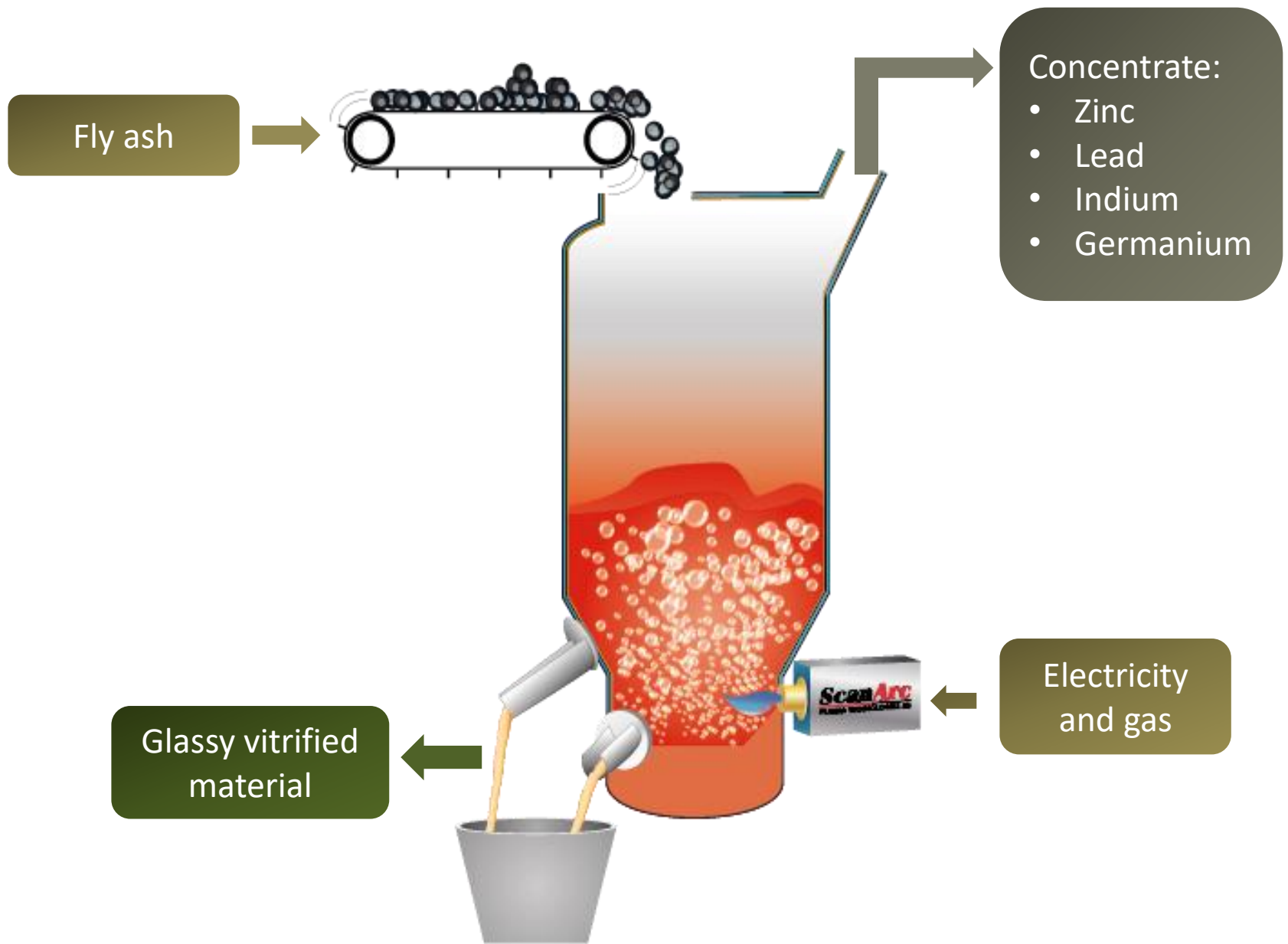


Contours of Volume fraction (slag) (Time=1.0000e-01)

Oct 26, 2016

ANSYS Fluent Release 16.0 (3d, dp, pbns, eulerian, rke, transient)

Källa: Kristofer Bölke, KTH.



“This method is found to be economically compatible with other fly ash recovery methods.”



Photo: Torbjörn Sörhuus, Ovako Bar AB.



Photo: Merox, SSAB.

Thank you for your attention!

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