

Vápno, cement, ekologie

Skalský dvůr, 18. – 20. 5. 2015

scheuch

TECHNOLOGY FOR CLEAN AIR

YOUR STRONG PARTNER FOR CLEAN AIR

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TECHNOLOGY FOR CLEAN AIR

INNOVATIVE TECHNOLOGIES FOR NO_x- AND CO-REDUCTION

VENTILATION AND ENVIRONMENTAL TECHNOLOGY FOR INDUSTRIAL PRODUCTION PROCESSES



Scheuch GmbH

Facts & Figures

Ownership	Scheuch Private Foundation
Managing Directors	DI Stefan Scheuch (Technical Executive) DI Jörg Jeliniewski (Commercial Executive)
Employee	665 in Auroldmünster 785 Scheuch Group
Turnover	EUR 139.6 Mio.
R&D	EUR 3 Mio. p.a.
Export	75 %



Mr. Stefan Scheuch (le),
Mr. Jörg Jeliniewski (ri)



VENTILATION AND ENVIRONMENTAL TECHNOLOGY FOR INDUSTRIAL PRODUCTION PROCESSES

Scheuch worldwide ...



Know-how transfer of the industrial sectors

Wood Processing Industry



Wood Based Panels Industry



Metals Industry



Minerals Industry



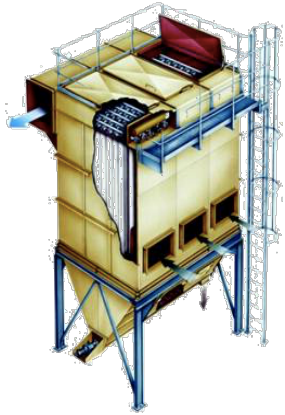
Energy Industry



Devices and Components



VENTILATION AND ENVIRONMENTAL TECHNOLOGY FOR INDUSTRIAL PRODUCTION PROCESSES



Bag Filter

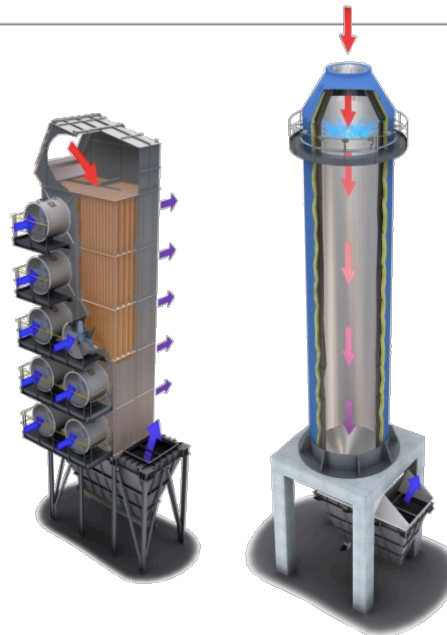


Electrostatic Precipitator



Biological Filter

VENTILATION AND ENVIRONMENTAL TECHNOLOGY FOR INDUSTRIAL PRODUCTION PROCESSES



Process Bag Filter



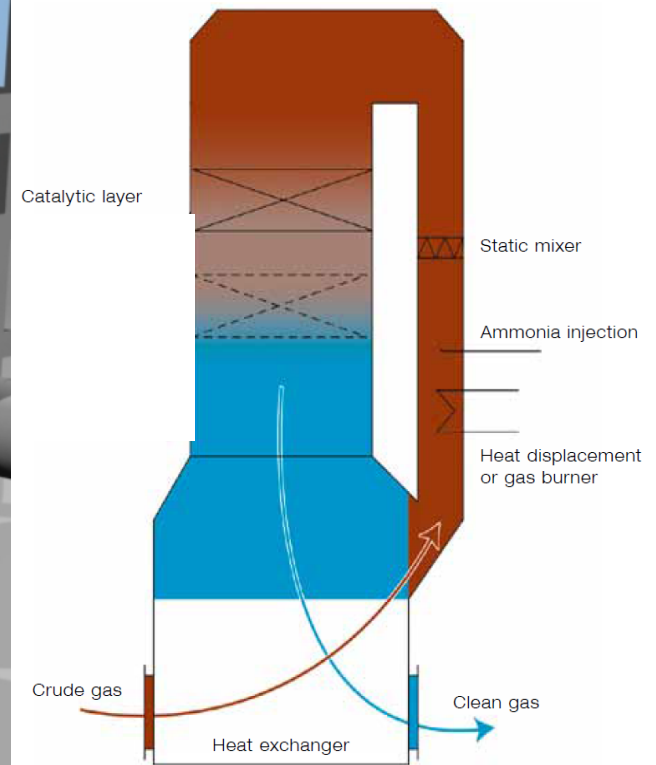
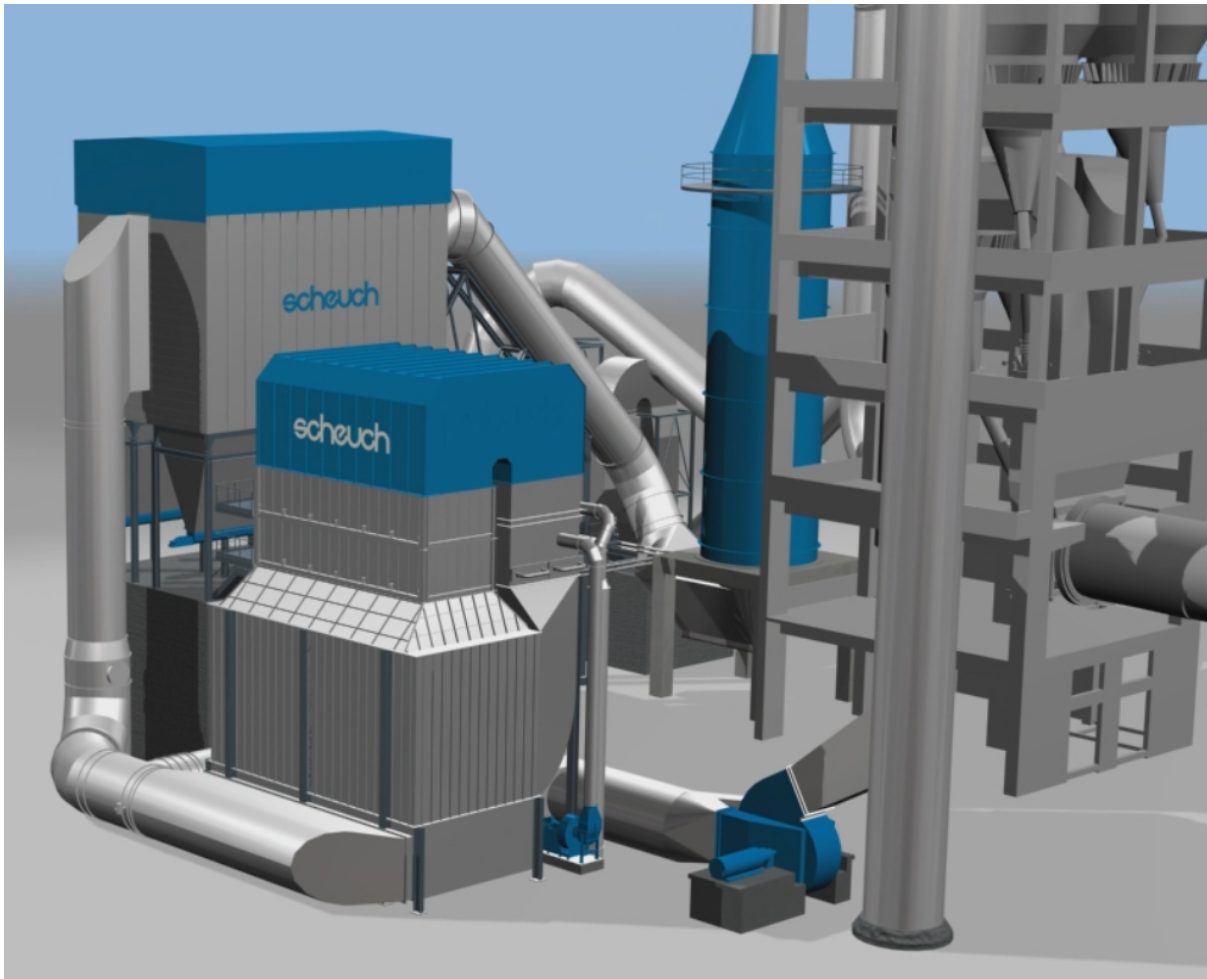
Gas cooling



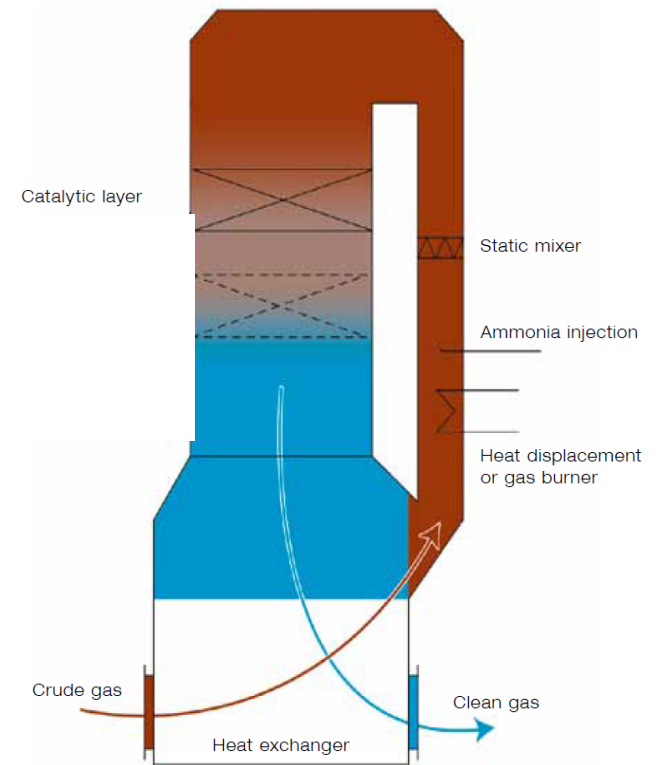
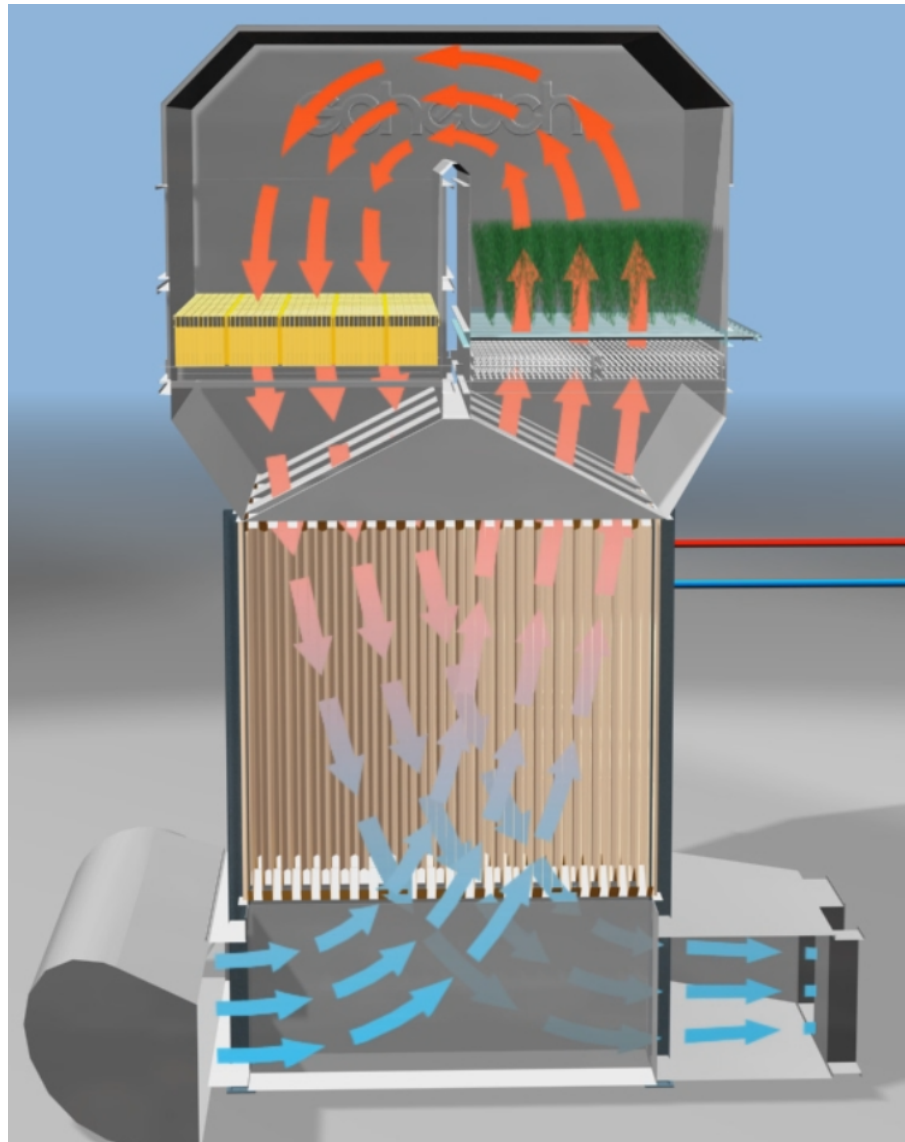
**New Technologies...
Nox, VOC, Hg,...**

- Low Dust SCR (Tail End) > „classic“
- Low Dust SCR (Tail End) > „Scheuch solution“ with
The logo for De CONO, featuring the word "De" in a small blue font above "CONO" in a larger blue font. A grey swoosh underline is positioned below the text, ending in a series of horizontal lines on the right side.
- High Dust SCR
- Semi High Dust SCR > Reference Lafarge Mannersdorf
- Reference Lafarge Mannersdorf

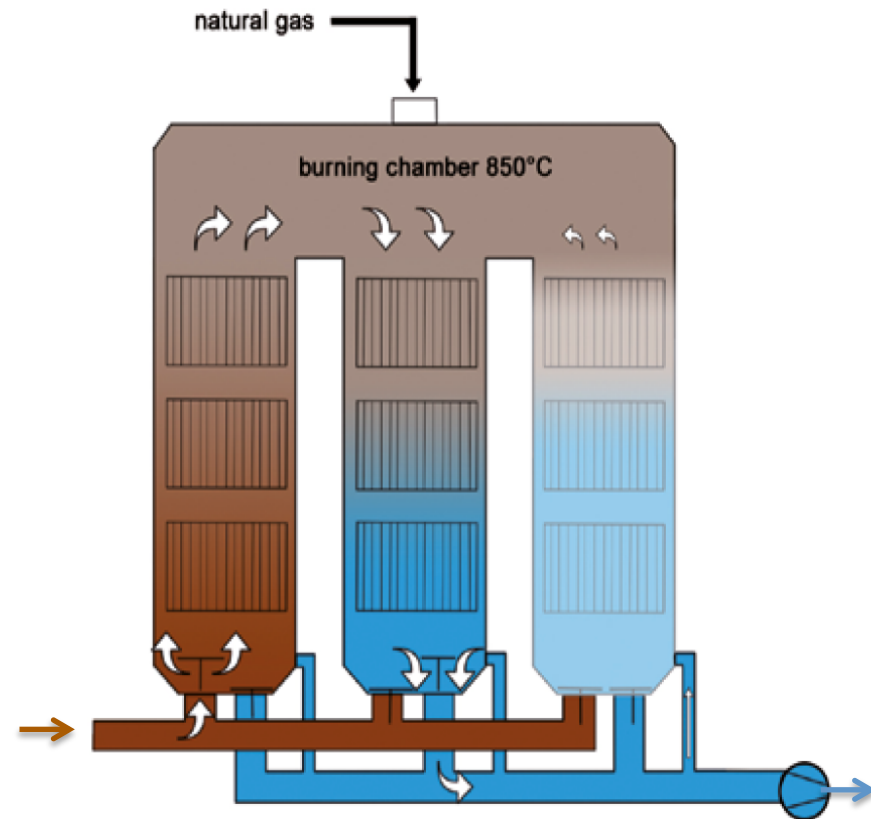
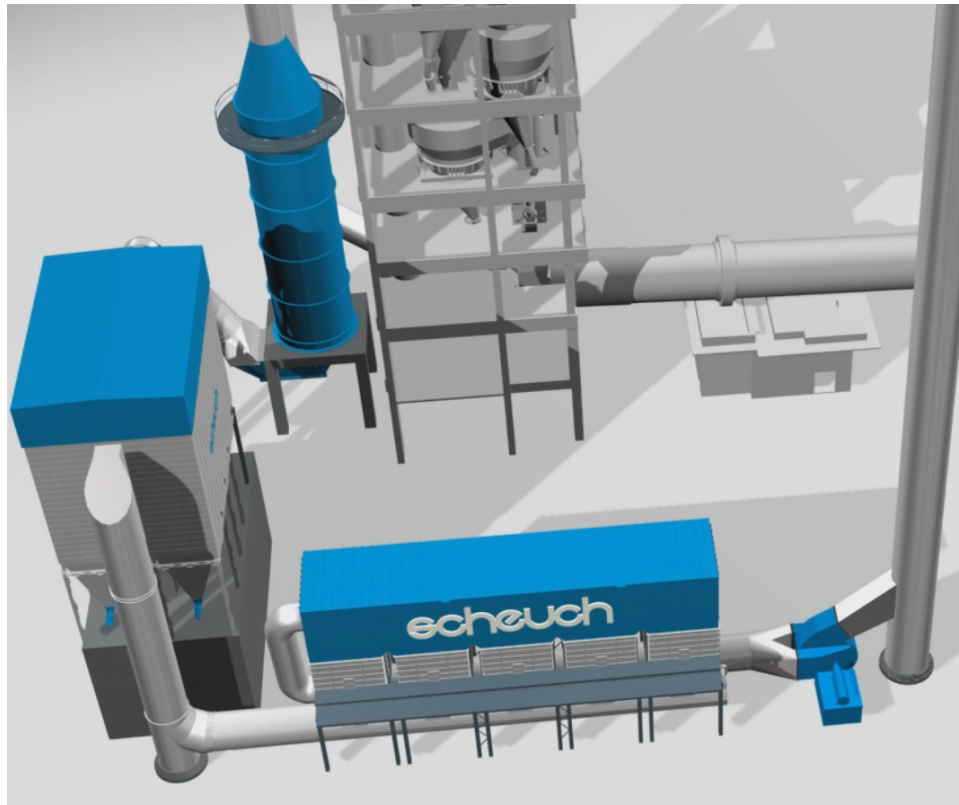
LOW DUST SCR "CLASSIC"



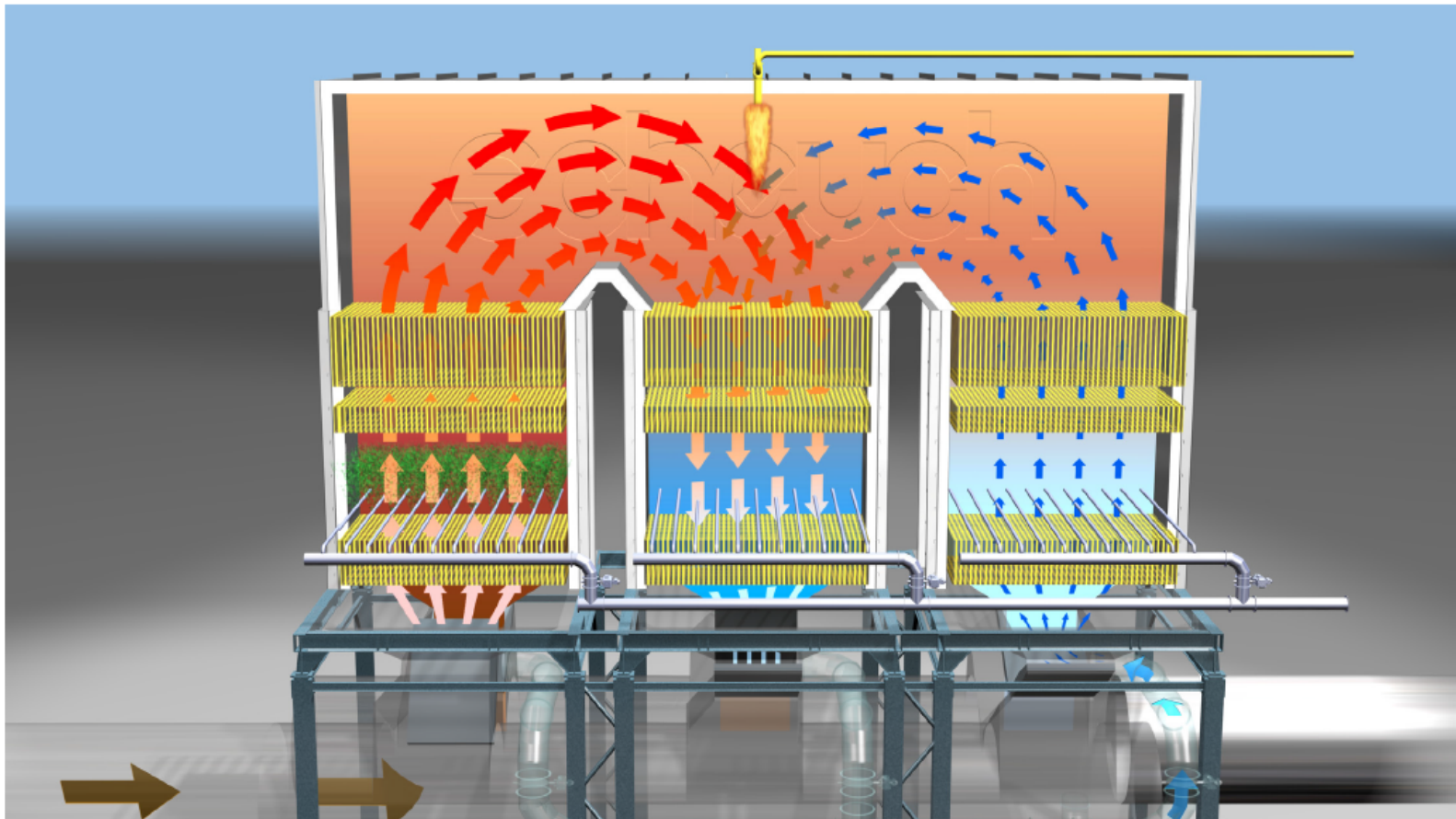
LOW DUST SCR "CLASSIC"



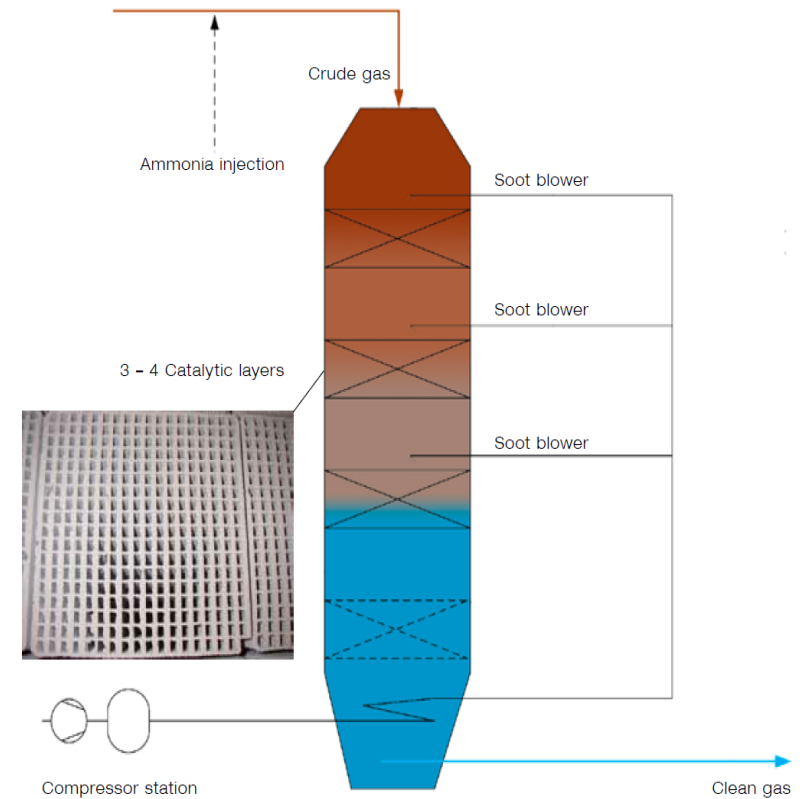
LOW DUST SCR



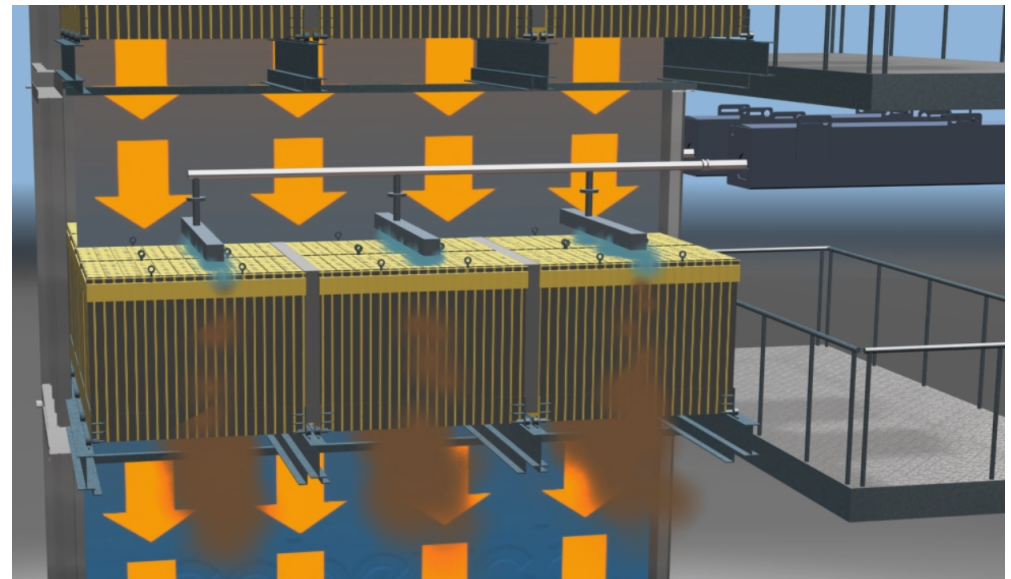
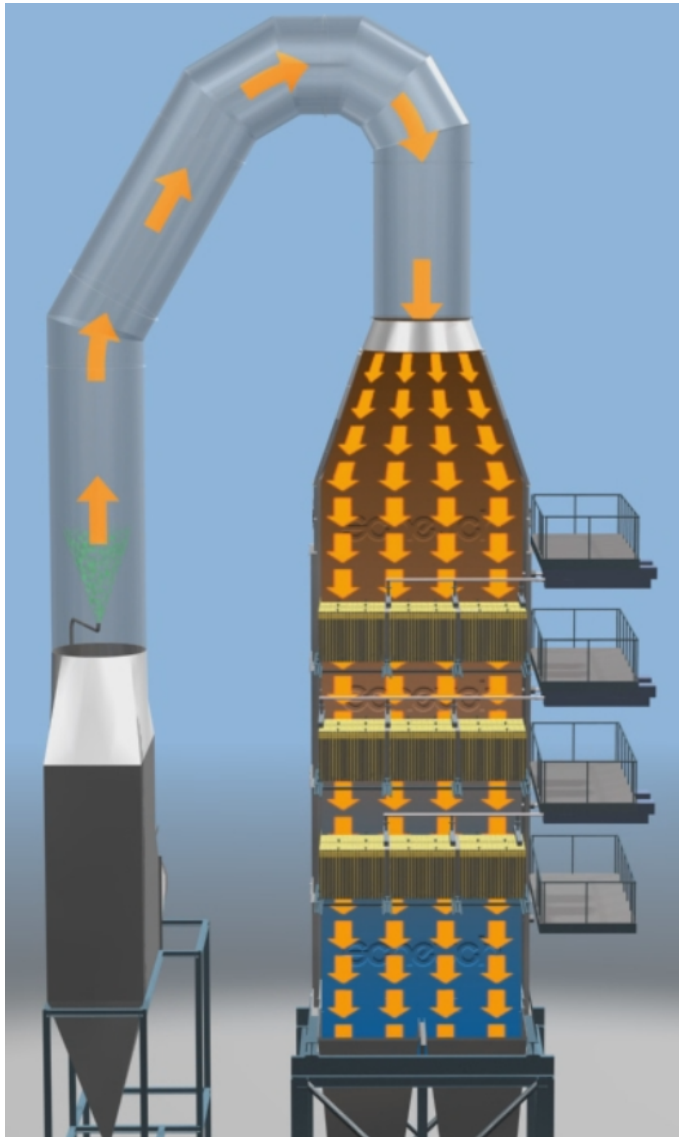
PATENTED PROCESS FOR COMBINED NO_x REDUCTION AND VOC SEPARATION



HIGH DUST SCR

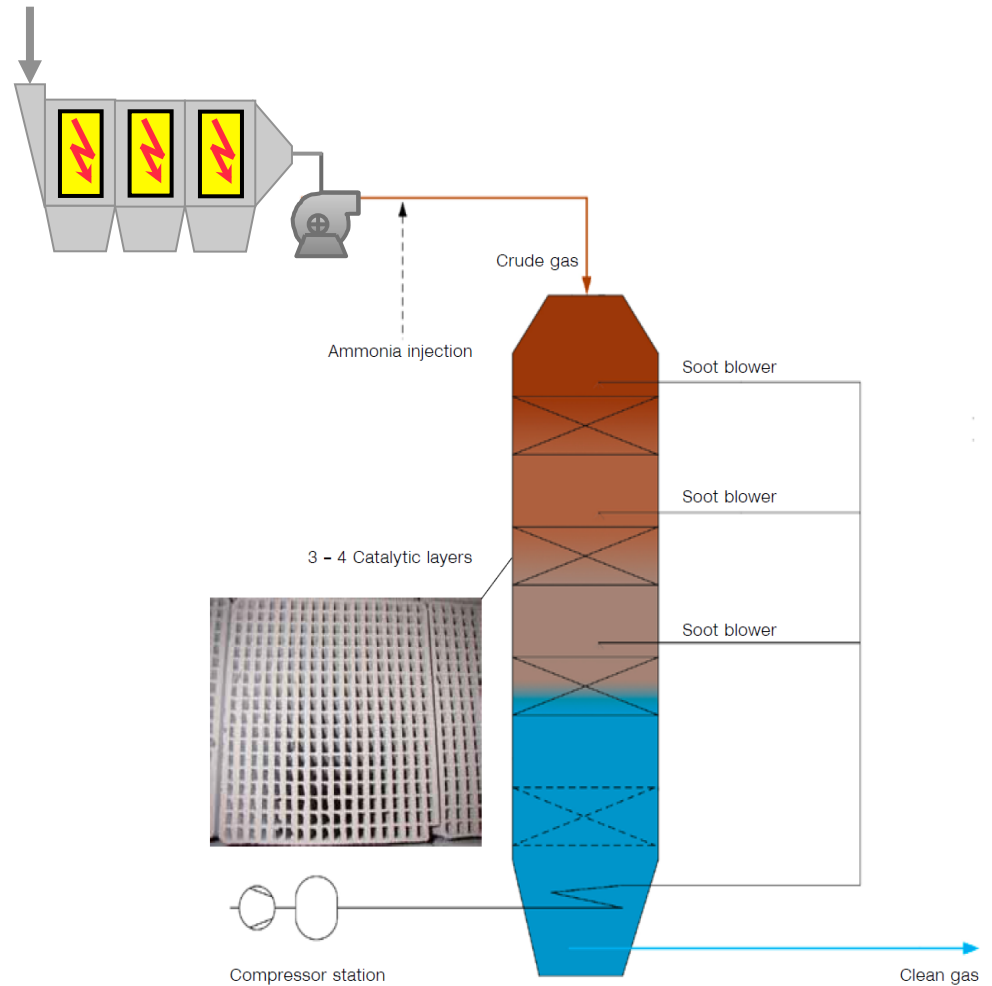


HIGH DUST SCR



CAT Cleaning with Soot Blowers

SEMI HIGH DUST MANNERSDORF



- Reference Lafarge Mannersdorf – start up 2012

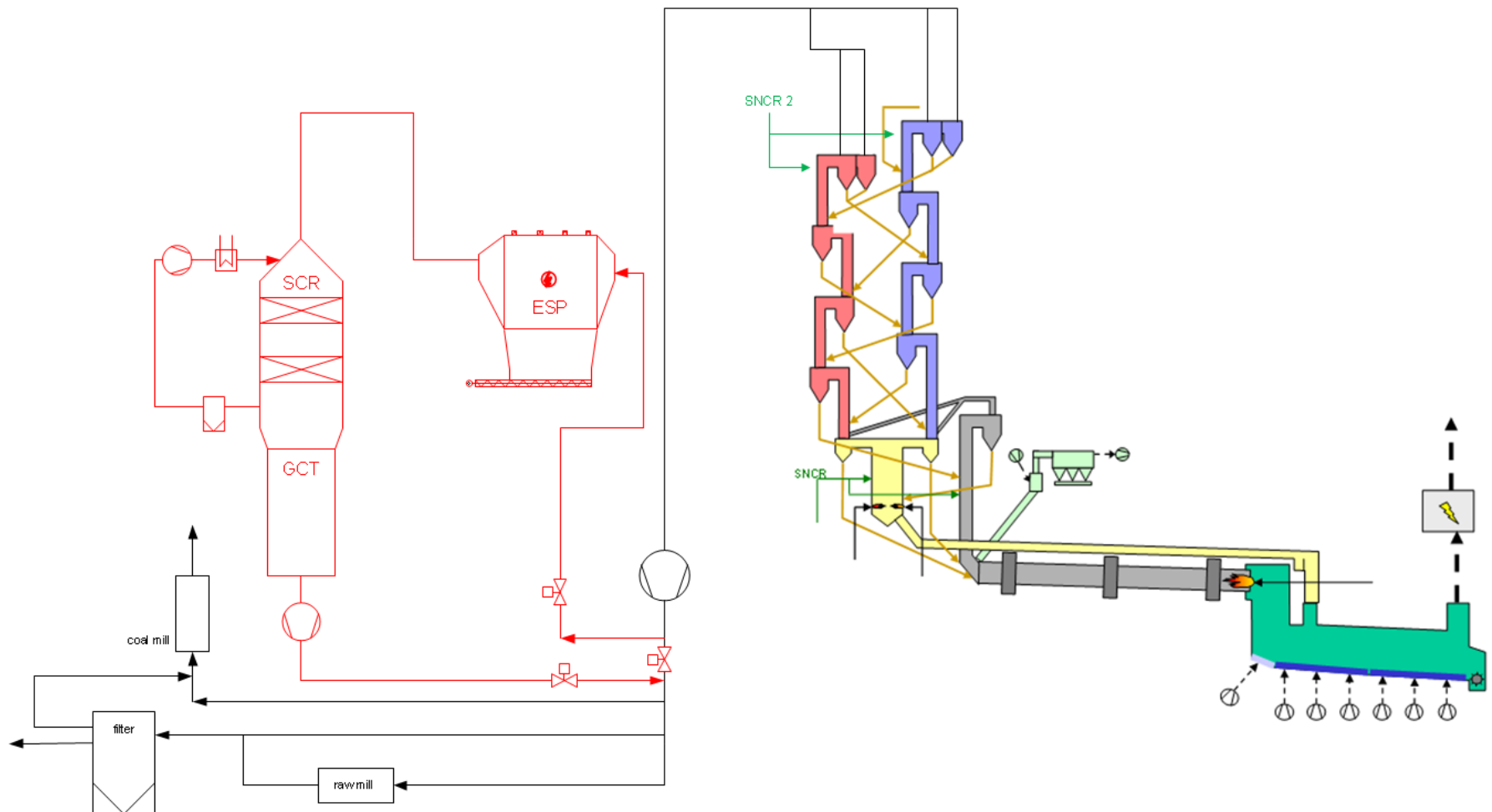
Design Data:

- 2500 t/d
- Flow: 180,000 Nm³/h
- Temp: 290°C – 350°C
- Dust: 180 g/Nm³

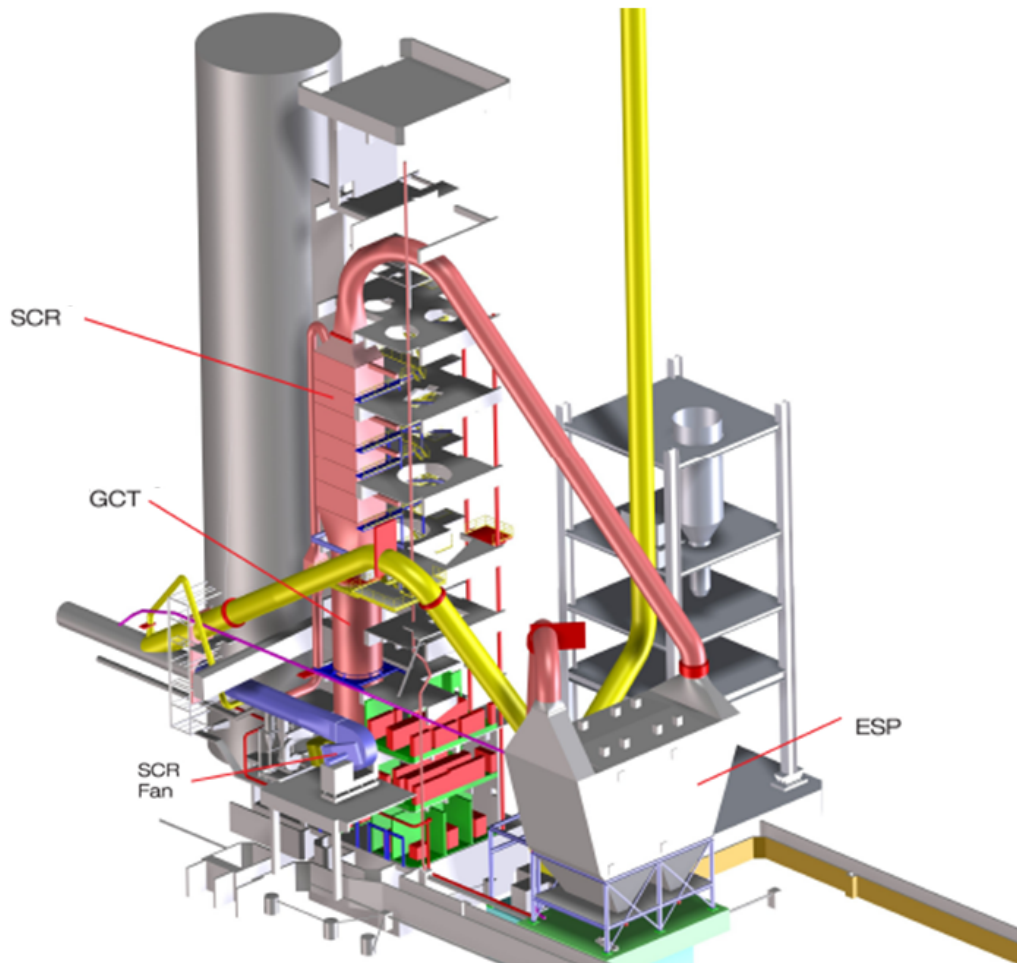
Target:

- < 200 mg/Nm³ NO_x
- < 20 mg/Nm³ NH₃

SEMI HIGH DUST MANNERSDORF



SEMI HIGH DUST MANNERSDORF





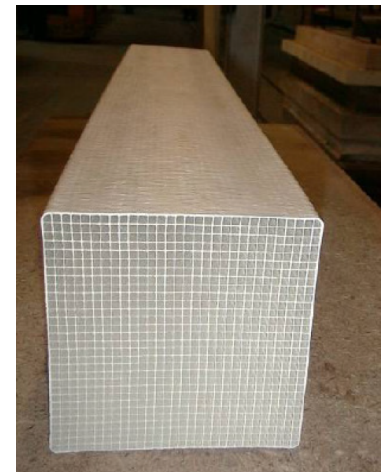
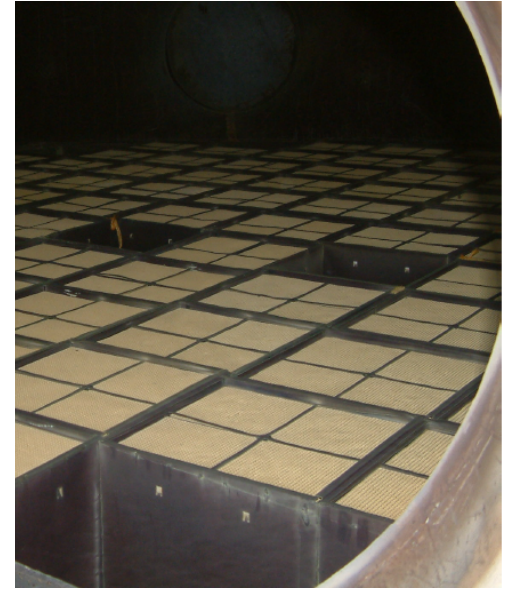
Hot gas ESP



SEMI HIGH DUST MANNERSDORF



CATALYSER INSPECTION MANNERSDORF





Heat Exchanger

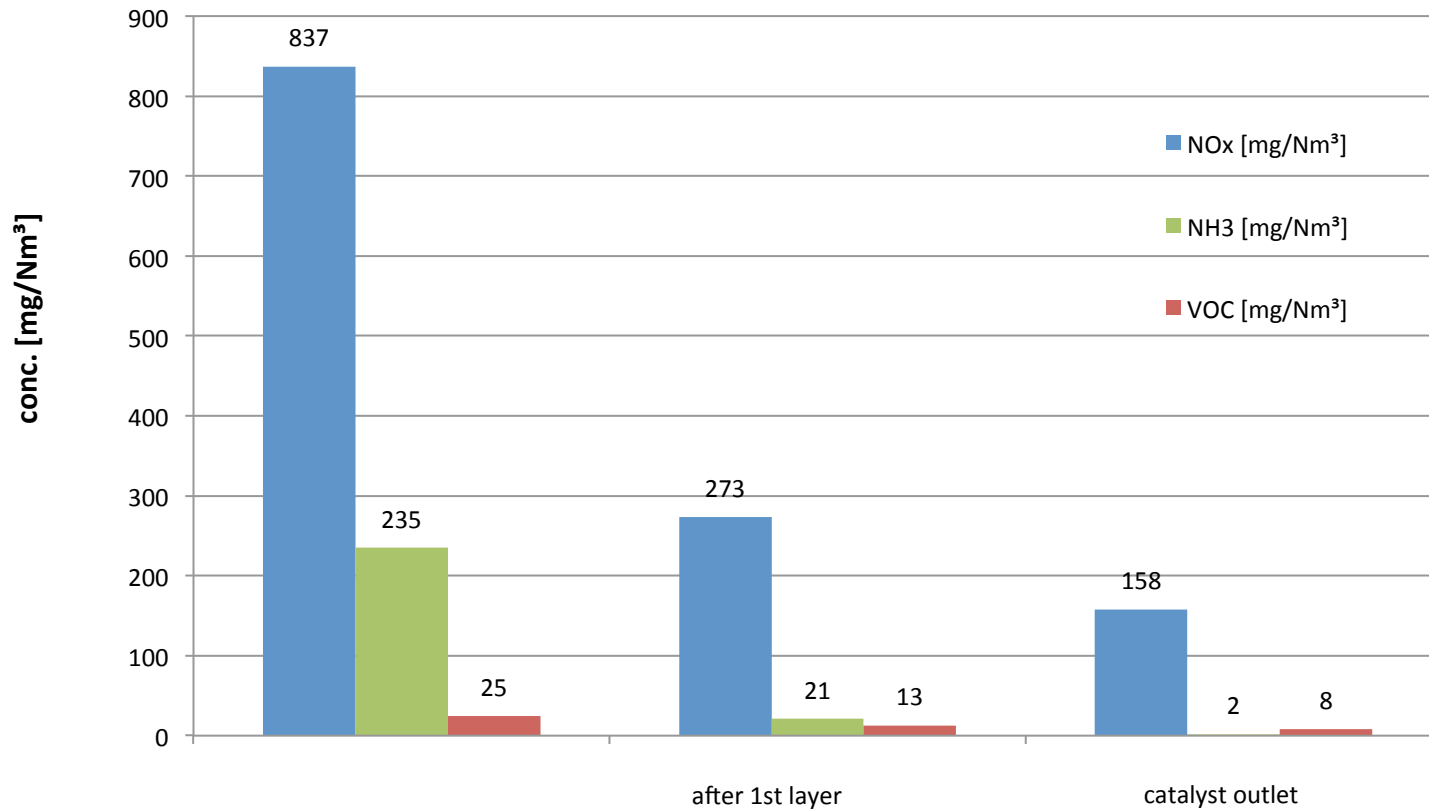
Scheuch Soot Blowers



SEMI HIGH DUST MANNERSDORF RESULTS

Project Target ✓

TÜV measuring campain June 2012



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TECHNOLOGY FOR CLEAN AIR

INNOVATIVE TECHNOLOGIES FOR
NO_x- AND CO-REDUCTION

THANK YOU FOR YOUR ATTENTION



MINERALS