

HIGH TEMPERATURE DUST REMOVAL

For most of the industrial processes this has always been a goal that a very few, if nobody, ever effectively achieved as far ... But, nowadays **Eco-Cer™ Filter** developed by Ecospray exclusively using *Cerafil ceramic filtering elements TOPKAT®*, allows to easily treat exhaust gases at temperatures between 400 and 600 °C, a feature that can be translated in :

- EXCELLENT PARTICLE REMOVAL (< 5 mg / Nm³ and over);
- NO NEED TO COOL DOWN THE GAS PRIOR THE BAG FILTER (i.e. no H₂O consumption for cooling towers, no heat exchangers clogging, etc.);
- GREAT OPPORTUNITIES OF ENERGY and/or HEAT RECOVERY using the heat, that otherwise would be lost cooling the gas before its filtration;
- COMBINED DENOX REMOVAL using catalyzed ceramic elements.

