

Fig. S1. Time-on-stream (TOS) behaviour over the Ag/alumina catalysts at 250 (■) and 450 (▲) °C in the presence (dash) or absence (solid) of hydrogen using hexadecane as the reductant (fast measurements intervals). Gas flow: 500 ppm NO, 188 ppm n-C₁₆H₃₄, 6 vol.% O₂, 12 vol.% H₂O, 0 or 1 vol.% H₂ and He balance. GHSV = 60 000 h⁻¹.

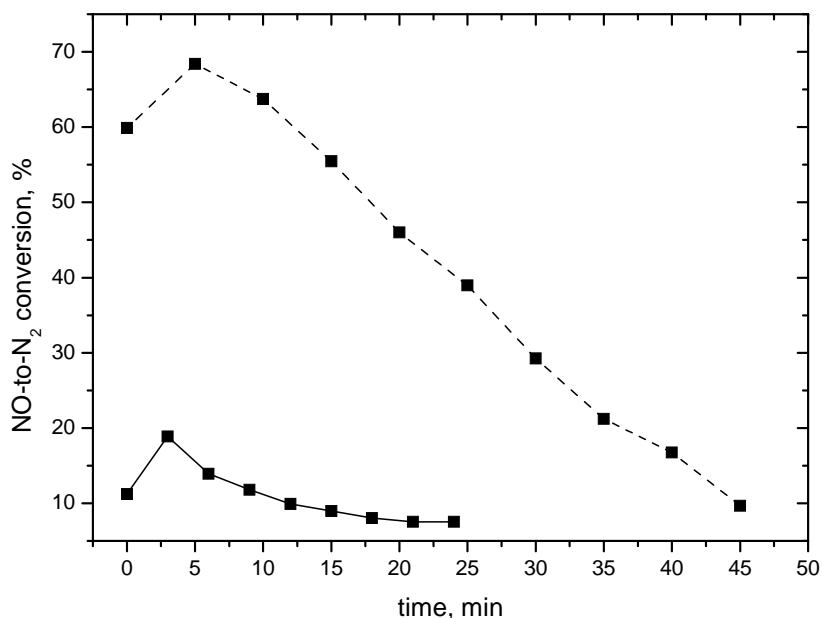


Fig. S2. Time-on-stream behaviour over the Ag/alumina catalysts at 250 °C, in the presence (dashed) or absence (solid) of hydrogen with diesel as a reducing agent (fast measurements intervals). Gas flow: 500 ppm NO, 250 ppm diesel, 6 vol.% O₂, 12 vol.% H₂O, 0 or 1 vol.% H₂ and He balance. GHSV = 60 000 h⁻¹.

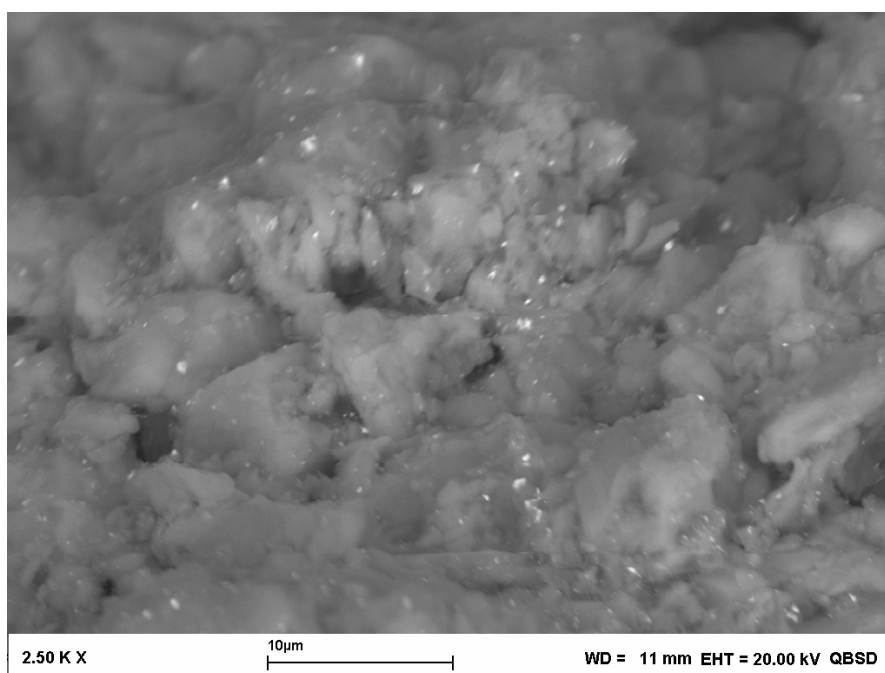


Fig. S3. SEM micrograph of sample 1. 2500X