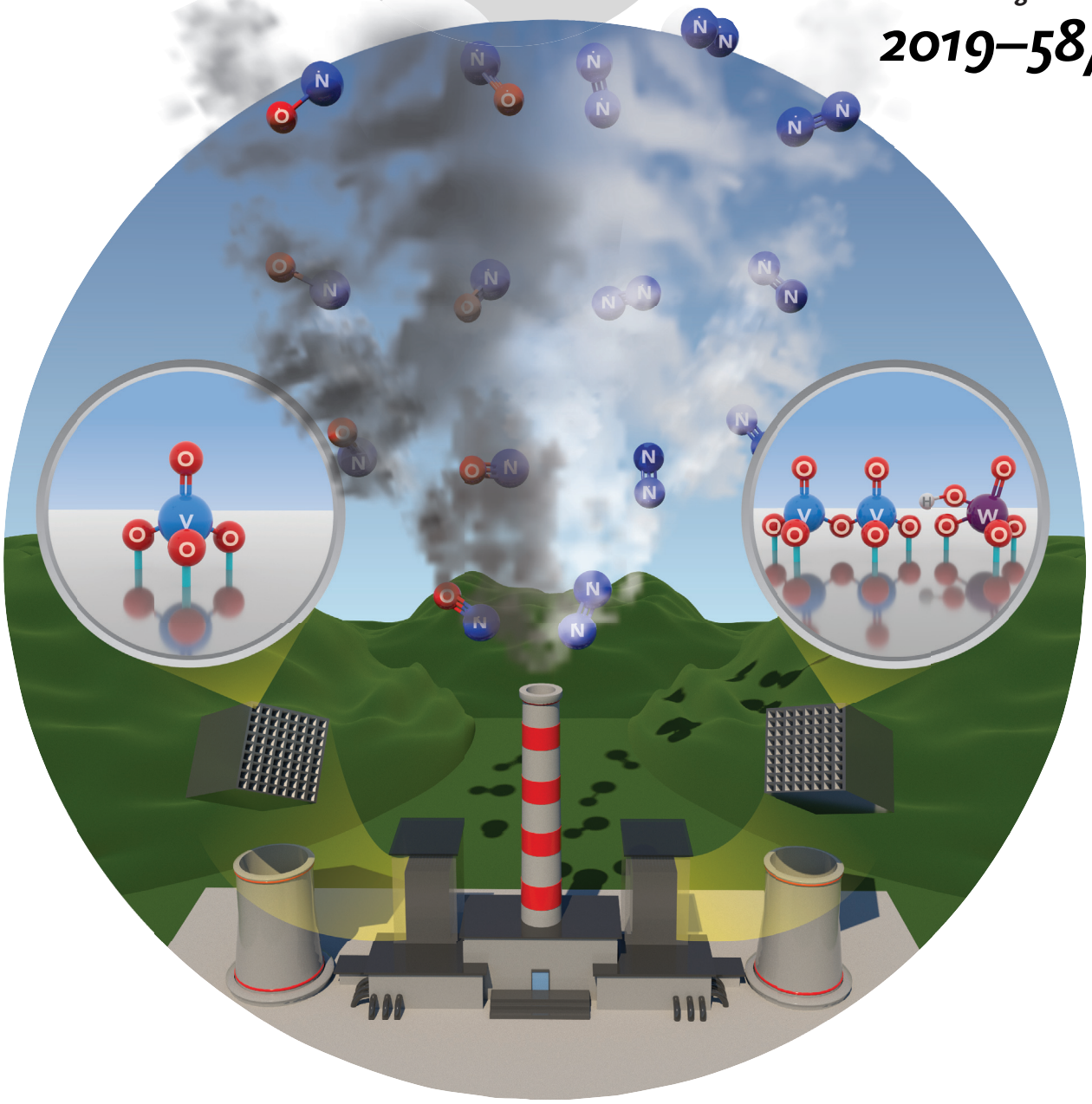
A Journal of the German Chemical Society

Angewandte International Edition Chemie

GDCh

www.angewandte.org

2019–58/36



Abatement of NO_x emissions ...

... by selective catalytic reduction (SCR) on vanadia-based heterogeneous catalysts is promoted by structural effects caused by tungsten oxide. The mechanism is identified by J. Z. Hu, Y. Wang, I. E. Wachs, and co-workers in their Research Article on page 12609 ff. The SCR is shown to proceed via a two-site mechanism over adjacent vanadia sites. The use of tungsten oxide results in vanadia oligomerization which enhances NO_x abatement.

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