Supporting Information

Influence of the chemical nature of the support (niobic acid and niobium phosphate) on the surface and catalytic properties of supported CuO

A. Gervasini,^{*} P. Carniti, S. Bennici, C. Messi

^{*} Corresponding author: e-mail: antonella.gervasini@unimi.it (Antonella Gervasini)

Table 1S. XPS experimental data of Cu-catalysts.

Sample	Atomic values / %					
	O	C	Nb	P	K	Cu
Cu/NBO	57.3	15.4	22.9	-	-	4.4
Cu/NBP	59.5	11.4	13.9	9.7	1.6	3.9

Figure 1S. Profiles of reduction (TPR) for NBO (red) and Cu/NBO (blue).

A

B

Figure 2S. Absorbance FT-IR spectra of Cu/NBO (blue) and NBO (red) (A) low frequency region and (B) high frequency region.

A

B

Figure 3S. Absorbance FT-IR spectra of Cu/NBP (blue) and NBP (red) (A) low frequency region and (B) high frequency region.