

Revised Supplementary Information

Potential of advanced microporous zeolites and
mesoporous materials derived from natural
precursors as support for iron phosphide catalysts
in bio-jet fuel production from palm oil (*Elaeis
guineensis*)

*Worapak Tanwongwan^a, Ruttasart Sartsamai^a, Runghana Kaewmeesri^b, Kajornsak
Faungnawakij^b, Nuwong Chollacoop^c, Suttichai Assabumrungrat^d, Masayoshi Fujie^e, and
Apiluck Eiad-ua^{a*}*

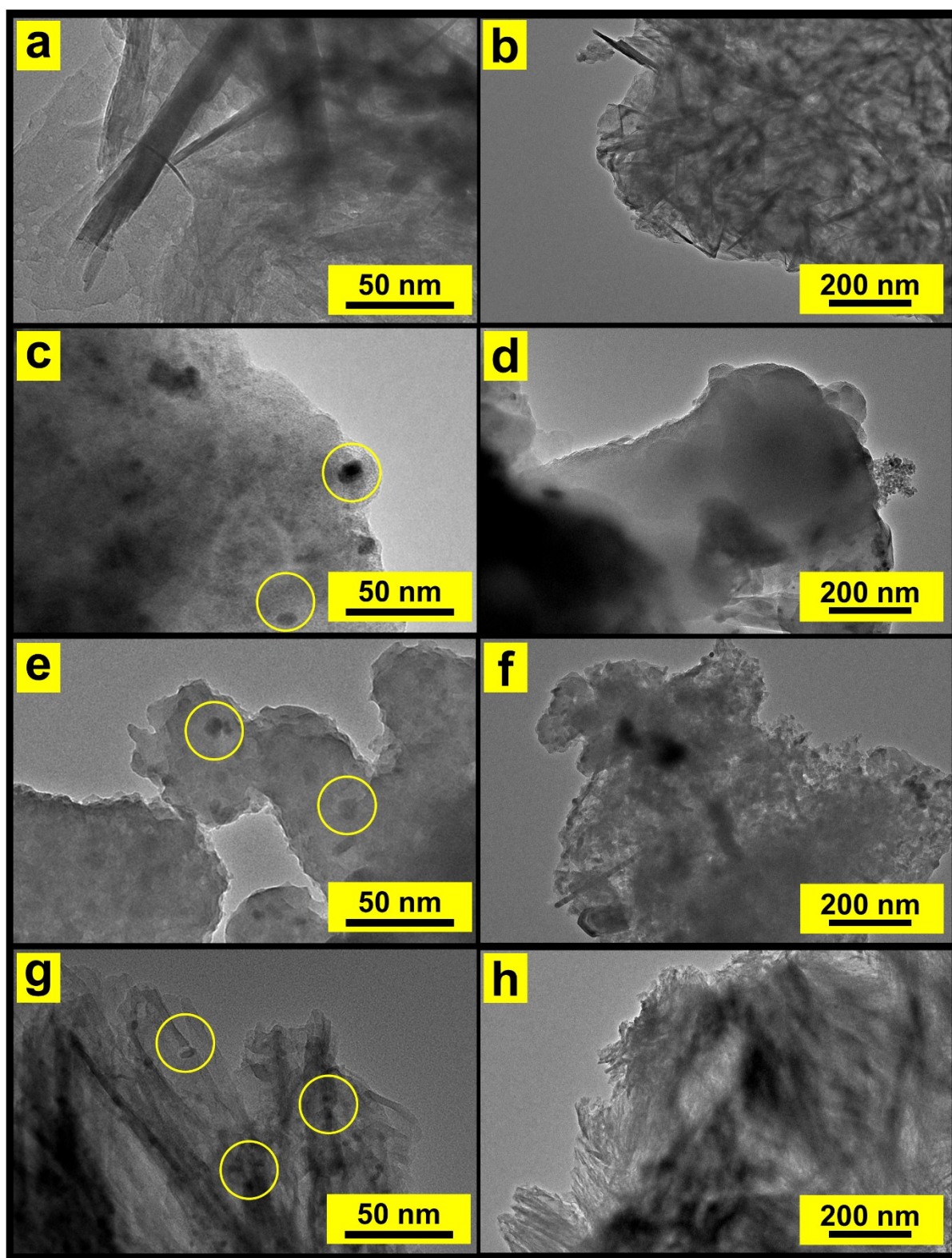


Figure S1 | Transmission electron micrograph of all catalyst. TEM images at 150,000 $\times$, and 50,000 $\times$ magnifications of reduced FeP catalysts dispersed on different zeolites include (a-b) FeP/MCM-22, (c-d) FeP/MCM-36, (e-f) FeP/MCM-41, and (g-h) FeP/MCM-48.

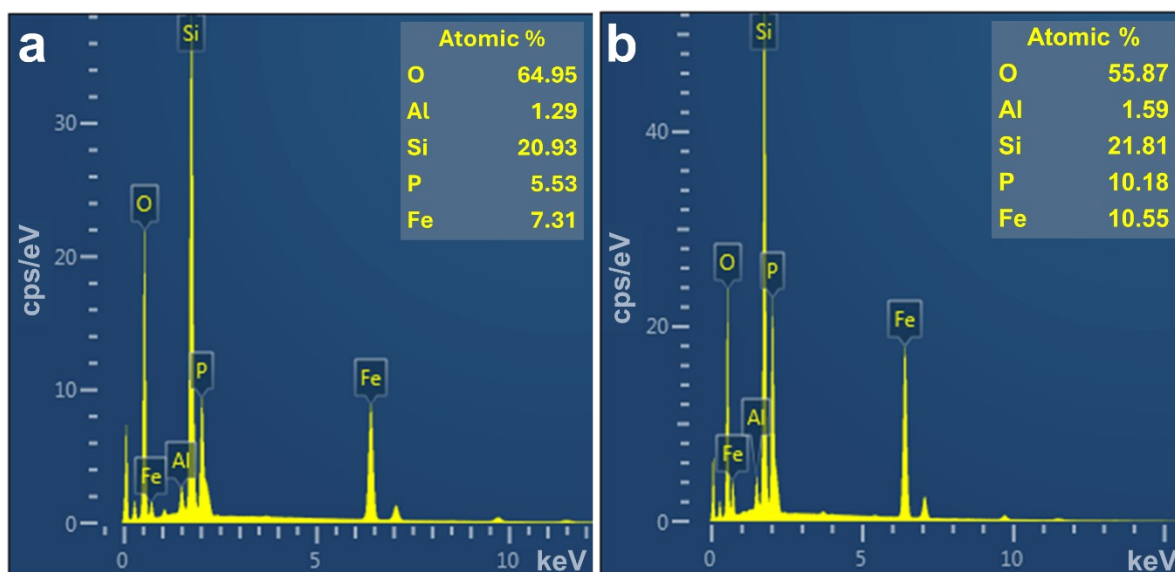


Figure S2 | Energy Dispersive X-ray spectrum. EDS graph of FeP/MCM-22 catalyst includes (a) fresh and, (b) after 3 catalytic cycles.