Supporting information

Synthesis of Ni-Co Bimetallic Catalyst with High Activity and Coking Resistance for Simulated Biogas Dry Reforming in a Constant Alkaline Chemical Environment

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1. Supplementary Figures

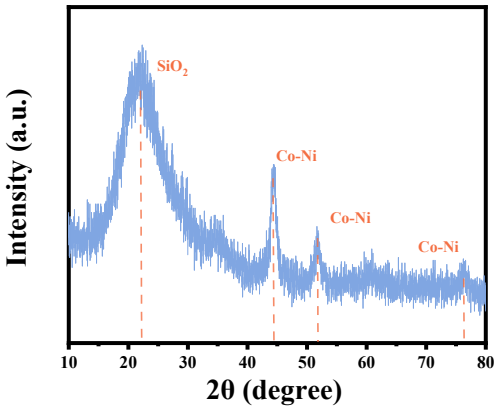

Fig S1. The characterizations of fresh catalysts: XRD patterns of 8Ni2Co/NH_3-SiO_2 catalysts after hydrogen reduction[1].

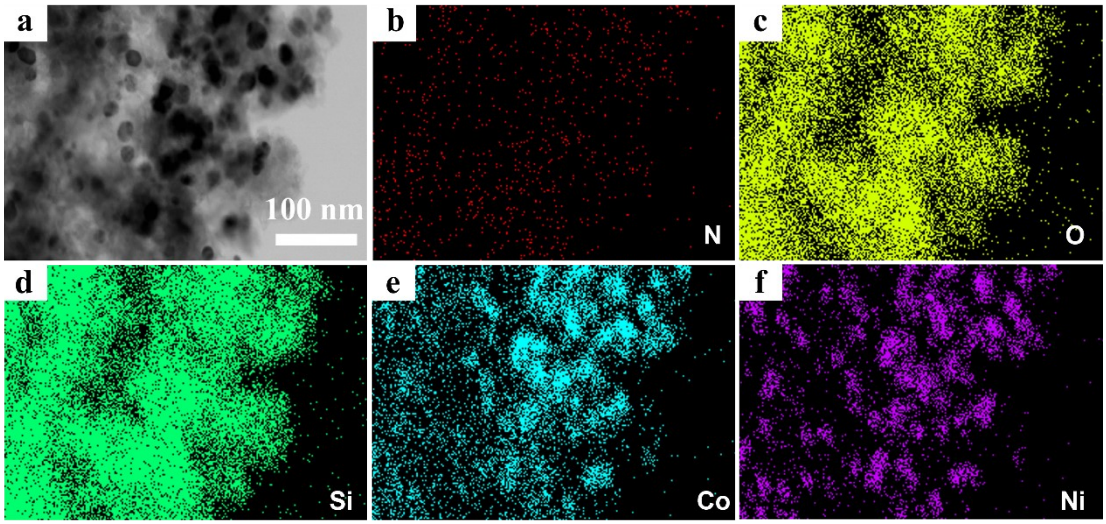

Fig S2. TEM image of the 8Ni2Co/NH_3-SiO_2 catalyst (a) and EDS elemental maps of N, O, Si, Co and Ni in 8Ni2Co/NH_3-SiO_2 catalyst after hydrogen reduction (b-f)[2].