Electronic Supplementary Material (ESI) for Catalysis Science & Technology. This journal is © The Royal Society of Chemistry 2014

## Electronic supplementary information (ESI)

Improved three-way catalytic activity of bimetallic Ir-Rh catalyst supported on CeO<sub>2</sub>-ZrO<sub>2</sub>

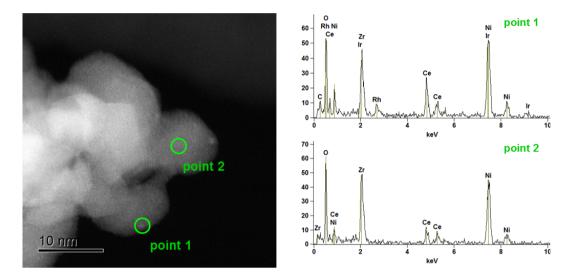


Fig. S1. STEM/HAADF images and EDS spectra of Ir-Rh/CeO<sub>2</sub>-ZrO<sub>2</sub> with Ir/Rh=1/9.

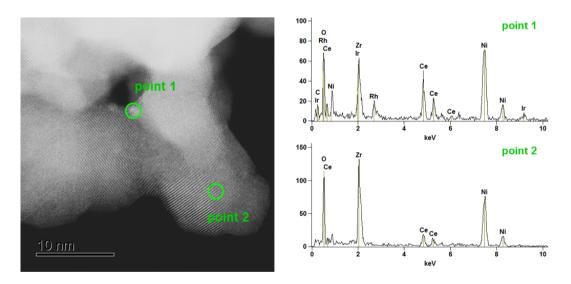


Fig. S2. STEM/HAADF images and EDS spectra of Ir-Rh/CeO<sub>2</sub>-ZrO<sub>2</sub> with Ir/Rh=1/1.

As can be seen in **Figs. S1 and S2**, the Rh and Ir species were found to be present at point 1 for Ir-Rh/CeO<sub>2</sub>-ZrO<sub>2</sub> with Ir/Rh = 1/9 and 1/1, suggesting the formation of Ir-Rh nanoparticles.