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Electronic Supplementary Information

Enhancing electrochemical performance by control of the transport properties in buffer layers – Solid oxide fuel/electrolyser cells

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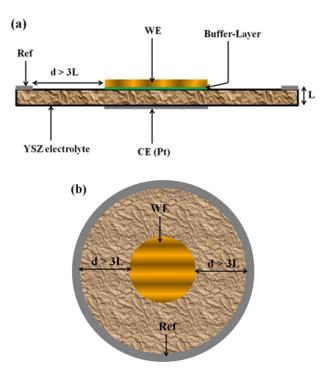


Fig. S1 Experimental set-up employed for the electrochemical characterization. Working electrode was placed with the counter electrode in symmetrical configuration with an external Pt ring reference electrode to complete the 3-probe configuration. (a) cross-sectional view and (b) top view.

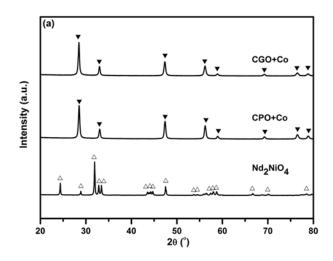


Fig. S2 XRD patterns of prepared phases of CGO+Co, CPO+Co and $Nd_2NiO_{4+\delta}$