Electronic Supplementary Material (ESI) for Materials Advances. This journal is © The Royal Society of Chemistry 2022

## Supplementary data

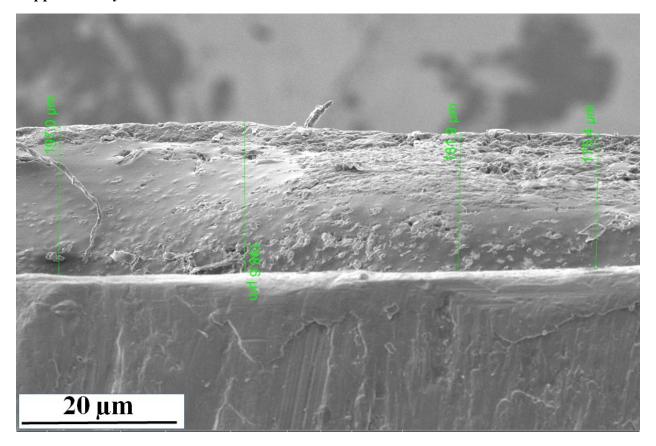


Fig. S1. Coating width for the 40BiV-paint sample

Fig. S1 presents the scanning electron microscopy image of 40BiV-paint sample. The micrograph shows the thickness of the catalyst coating on the aluminium alloy substrate. The average thickness of the coating is  $\sim$ 188  $\mu m$ .