

Supporting Information for

**Nitrogen-doped mesoporous carbon supported CuSb for
electroreduction of CO₂**

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Supplementary Figures:

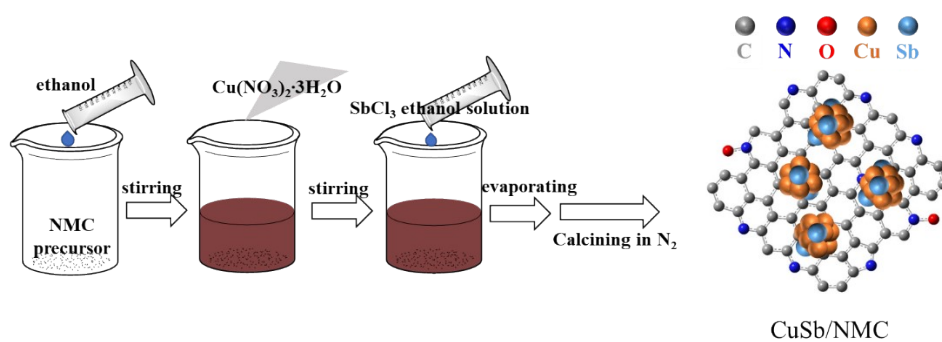


Fig. S1 Synthesis procedure of CuSb/NMC.

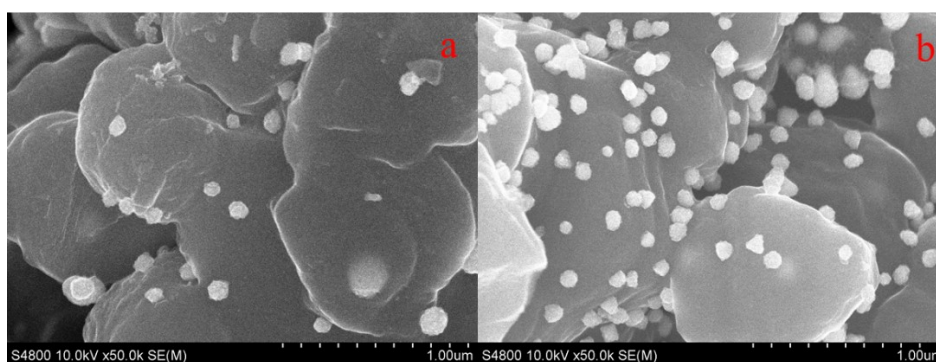


Fig. S2 SEM characterization results of materials (a) CuSb/NMC-1 and (b) CuSb/NMC-3.

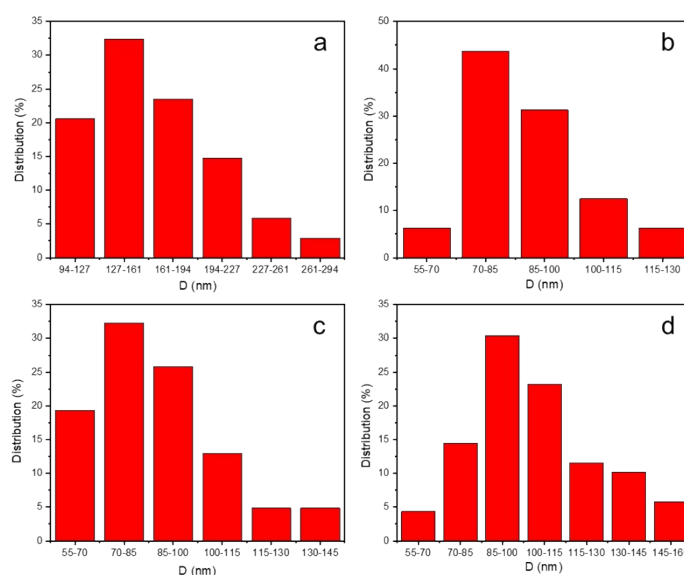


Fig. S3 Particle diameter distribution histograms of materials

(a) Cu/NMC, (b) CuSb/NMC-1, (c) CuSb/NMC-2 and (d) CuSb/NMC-3.

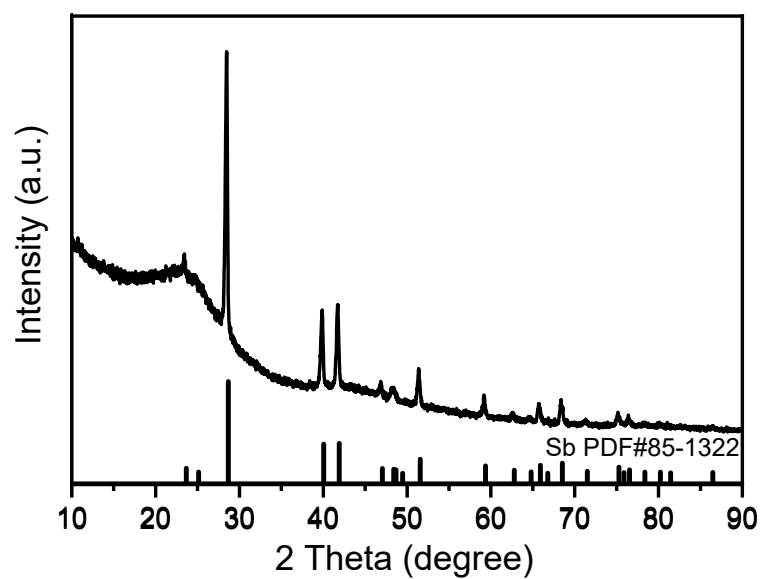


Fig. S4 XRD diffraction pattern of Sb/NMC-2 (dosage is 10 times that of Sb/NMC).

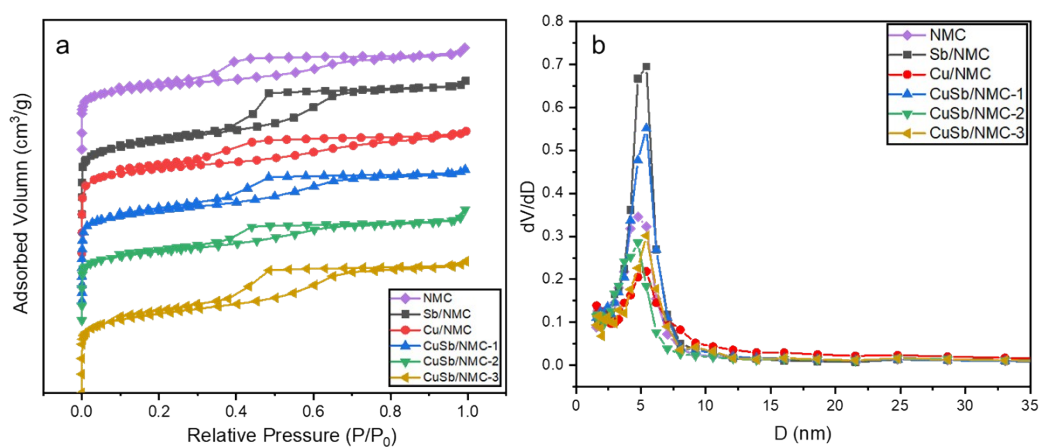


Fig. S5 Nitrogen adsorption and desorption isotherms (a) and pore size distribution plots (b) of NMC and composites.

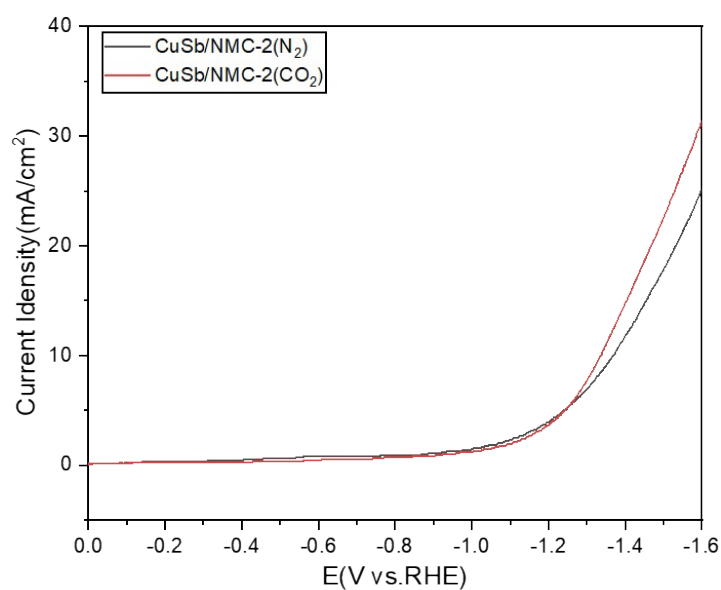


Fig. S6 LSV curves of CuSb/NMC-2 on glassy carbon electrode under saturated CO_2 and N_2

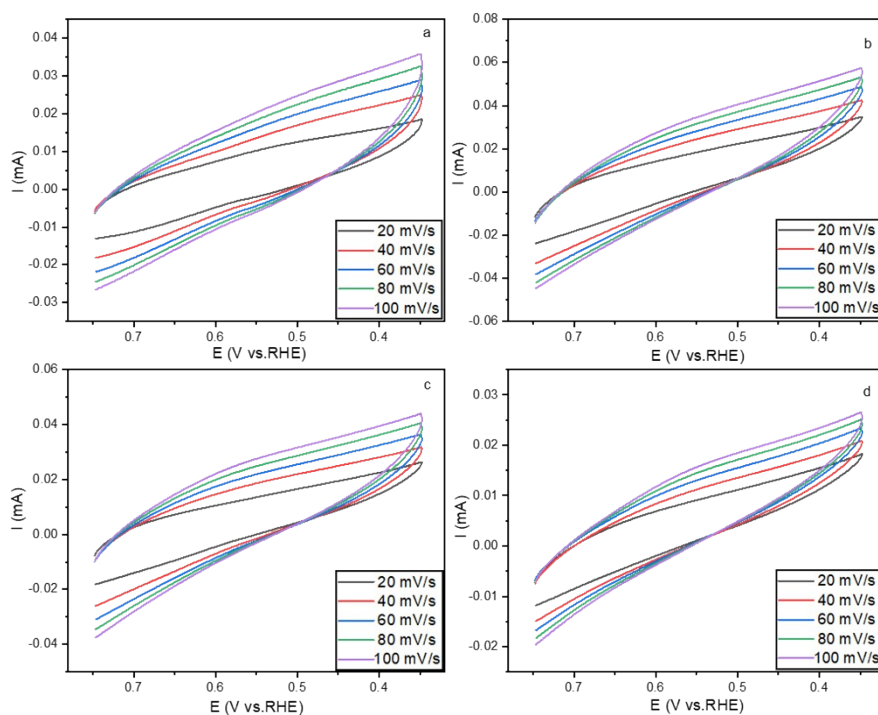


Fig. S7 Cyclic voltammograms of CuSb/NMC composite materials and Cu/NMC in 0.1 M KHCO_3 solution saturated with N_2 (a) Cu/NMC, (b) CuSb/NMC-1, (c) CuSb/NMC-2 and (d) CuSb/NMC-3.

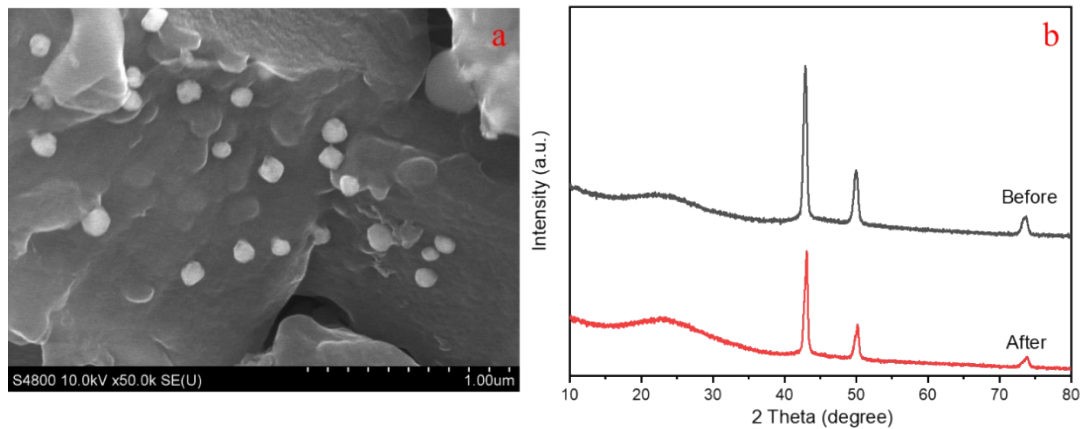


Fig. S8 (a) SEM image of CuSb/NMC-2 after 10000 s reaction, and (b) XRD pattern of CuSb/NMC-2 before and after 10000 s reaction.