Electronic Supporting Information (ESI)

Converting "real-world" mixed waste plastics into porous carbon nanosheet with excellent performance in adsorption of organic dye from wastewater

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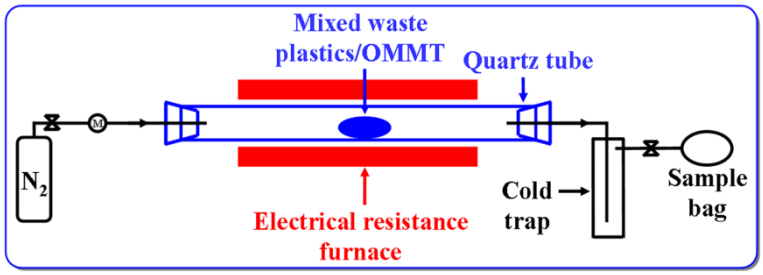

Fig. S1 Schematic diagram of the carbonization of the "real-world" mixed waste plastics/OMMT at 700 °C to prepare CNS/MMT composite.

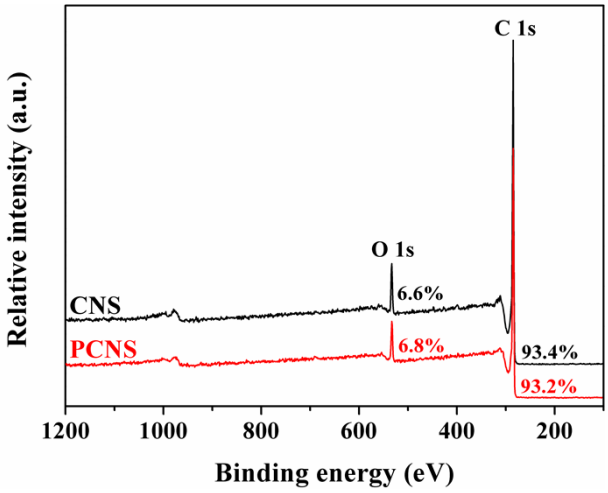

Fig. S2 XPS spectra of CNS and PCNS.

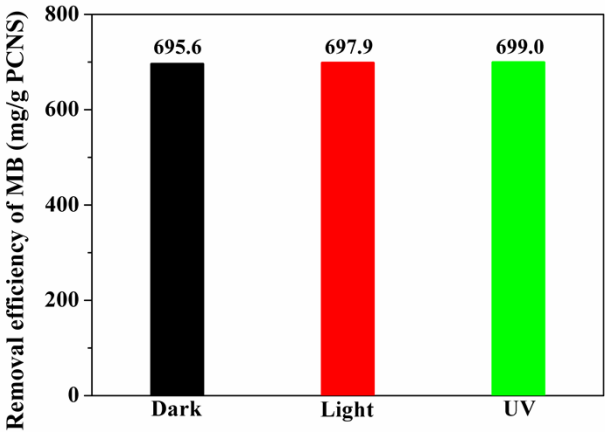

Fig. S3 The removal efficiency of MB by PCNS in the different entrainment (Experimental conditions: MB concentration = 350 mg/L, PCNS concentration = 0.5 g/L, and adsorption time = 180 min in dark environment (Dark), normal slight white light source (Light), or UV light (UV) using an 8 W tubular UV lamp (from Spectronics Corporation, USA) basically emitting at 254 nm).