

Rapid Fabrication of Renewable Carbon Fibres by Plasma Arc Discharge and Their Humidity Sensing Properties

Yi Chen ^{1,*}, Fang Fang ², Robert Abbel ¹, Meeta Patel ¹ and Kate Parker ¹

¹ Scion, 49 Sala Street, Private Bag 3020, Rotorua 3046, New Zealand; Robert.Abbel@scionresearch.com (R.A.); Meeta.Patel@scionresearch.com (M.P.); Kate.Parker@scionresearch.com (K.P.)

² National Isotope Centre, GNS Science, 30 Gracefield, Lower Hutt 5010, New Zealand; V.Fang@gns.cri.nz

* Correspondence: yi.chen@scionresearch.com (Y.C.)

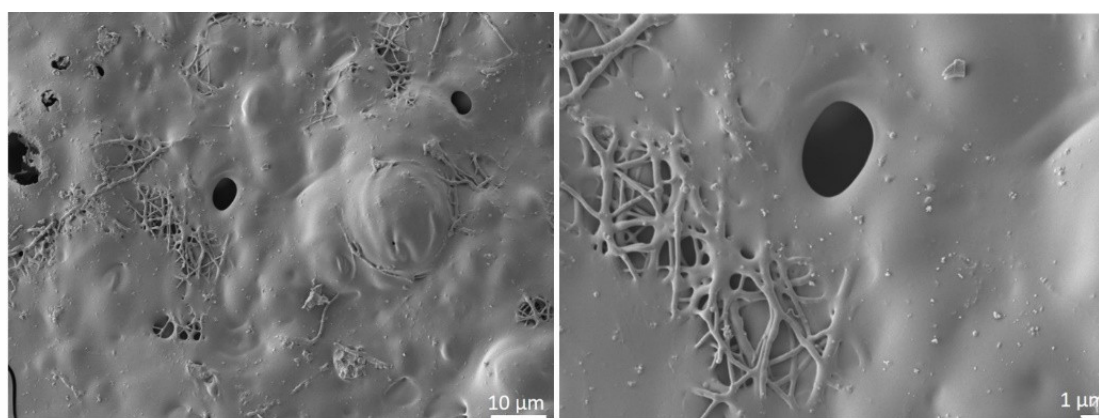


Figure S1. Low and high magnification SEM images of lignin fibres treated with 60 A.