

Supporting Information

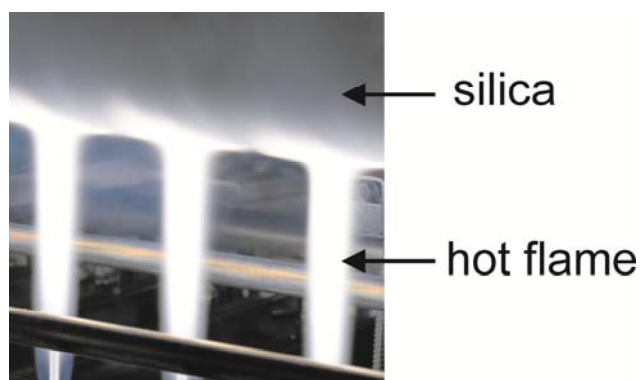


Figure S1 Flame pyrolysis and deposition of silica. The silica template is formed on a rotating substrate (top part image).



Figure S2 Carbon flakes as prepared (1 square = 1 mm²)

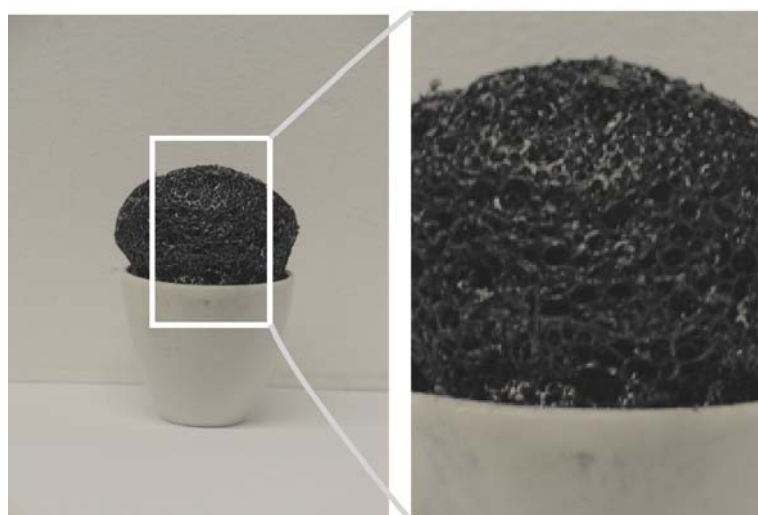


Figure S3 Pure mesophase pitch after carbonization in absence of the silica template (non-templated carbon). $T=700$ °C, N₂ atmosphere.

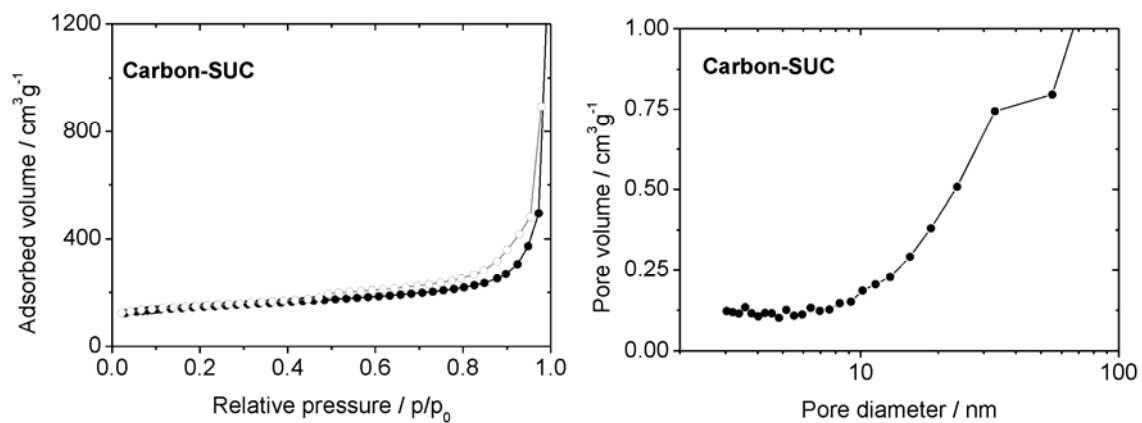


Figure S4 Isotherm and cumulative pore volume (BJH adsorption branch) of CarbonSUC derived from nitrogen physisorption.