

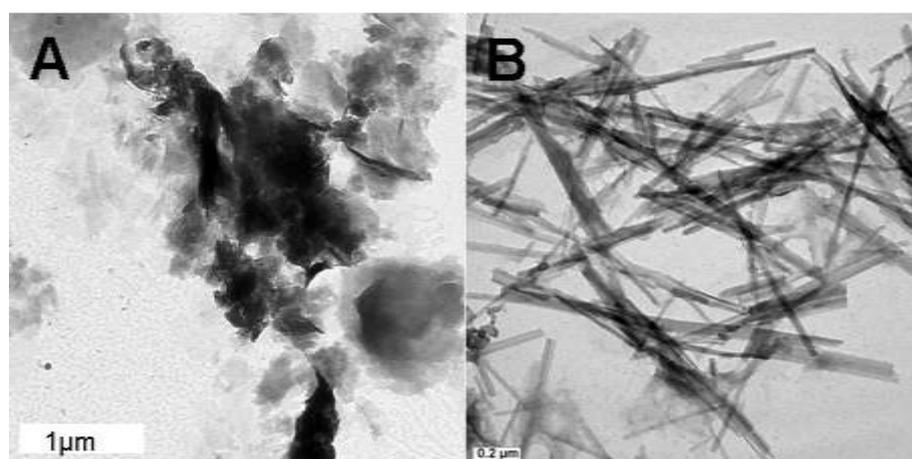
**Electronic Supplementary Material (ESI)**

**Clay-supported graphene materials: application to hydrogen storage**

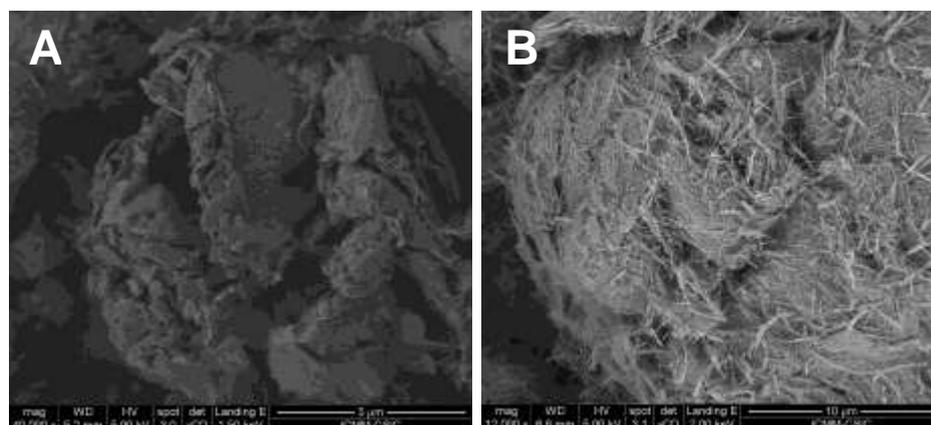
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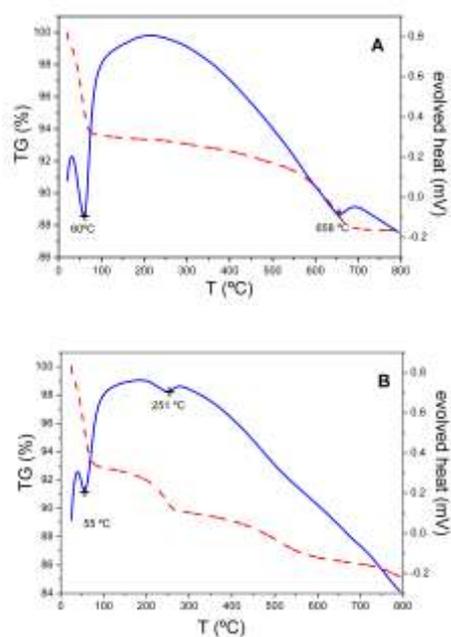
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**Fig S1.** TEM images of starting clays A) montmorillonite, B) sepiolite



**Fig S2.** FE-SEM images of starting clays A) montmorillonite, B) sepiolite



**Fig S3.** Thermogravimetric (—) and differential thermal analysis (---) of starting clays A) montmorillonite, B) sepiolite