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| Title                       | Improving gaseous biofuel production from seaweed <i>Saccharina latissima</i> : the effect of hydrothermal pretreatment on energy efficiency                                                                                                                                                                     |
| Authors                     | Lin, Richen;Deng, Chen;Ding, Lingkan;Bose, Archishman;Murphy, Jerry D.                                                                                                                                                                                                                                           |
| Publication date            | 2019-07-08                                                                                                                                                                                                                                                                                                       |
| Original Citation           | Lin, R., Deng, C., Ding, L., Bose, A. and Murphy, J. D. (2019) 'Improving gaseous biofuel production from seaweed <i>Saccharina latissima</i> : the effect of hydrothermal pretreatment on energy efficiency', <i>Energy Conversion and Management</i> , 196, pp. 1385-1394. doi: 10.1016/j.enconman.2019.06.044 |
| Type of publication         | Article (peer-reviewed)                                                                                                                                                                                                                                                                                          |
| Link to publisher's version | <a href="http://www.sciencedirect.com/science/article/pii/S0196890419307150">http://www.sciencedirect.com/science/article/pii/S0196890419307150</a> - 10.1016/j.enconman.2019.06.044                                                                                                                             |
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| Download date               | 2026-08-28 19:19:24                                                                                                                                                                                                                                                                                              |
| Item downloaded from        | <a href="https://hdl.handle.net/10468/8198">https://hdl.handle.net/10468/8198</a>                                                                                                                                                                                                                                |



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# **Improving gaseous biofuel production from seaweed *Saccharina latissima*: the effect of hydrothermal pretreatment on energy efficiency**

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## Supplementary Material

The supporting information contains 1 figure as referred to in the main manuscript:

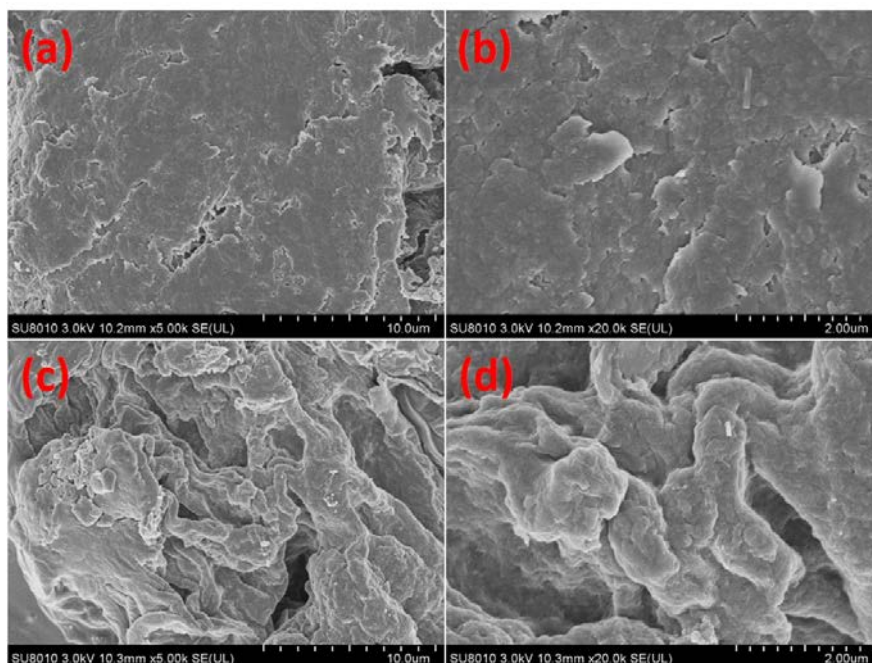


Fig. S1. SEM micrographs of *Saccharina latissima* before and after hydrothermal pretreatment: (a) raw biomass  $\times 5k$ ; (b) raw biomass  $\times 20k$ ; (c) pretreated biomass at  $140^{\circ}\text{C}$   $\times 5k$ ; and (d) pretreated biomass at  $140^{\circ}\text{C}$   $\times 20k$ .