Table S1. Thermal stability of xylanase, cellulase and β-1,3-glucanase in combi-CLEAs and free enzymes at 30°C, 40°C, 50°C, 60°C and 70°C after 2, 4 and 8 h of incubation.

<table>
<thead>
<tr>
<th>Enzyme</th>
<th>Time (h)</th>
<th>Residual activity (%)</th>
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<tr>
<td></td>
<td></td>
<td>30°C</td>
</tr>
<tr>
<td>Free xylanase</td>
<td>2</td>
<td>61±1.8</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>54±1.6</td>
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<tr>
<td></td>
<td>8</td>
<td>45±1.4</td>
</tr>
<tr>
<td>Free cellulase</td>
<td>2</td>
<td>59±1.7</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>51±1.5</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>42±1.3</td>
</tr>
<tr>
<td>Free β-1,3-glucanase</td>
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<td>53±1.6</td>
</tr>
<tr>
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<td>52±1.6</td>
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<td>8</td>
<td>40±1.2</td>
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<td>Xylanase in combi-CLEAs</td>
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<td>β-1,3-glucanase in combi-CLEAs</td>
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</table>
Table S2. Sugar concentrations of HPLC analysis of combi-CLEAs hydrolyzed SCB pulp

<table>
<thead>
<tr>
<th>Time (h)</th>
<th>Arabinose</th>
<th>Galactose</th>
<th>Glucose</th>
<th>Xylose</th>
<th>Mannose</th>
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<tr>
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