## Method

The core approach for assessing the expected environmental impacts of each of the policies from the three mixes selected for detailed evaluation was to review available evidence on potential impacts. This primarily involved reviewing existing literature and case examples, to identify past impacts of similar policy approaches and estimate from that the likely effects of each individual policy. The assessment focused on impacts related to the key DYNAMIX environmental objectives on raw material use, greenhouse gas emissions, land use, and water use. In addition, some of the land use policies were assessed for their impacts on biodiversity.

Assessments were summarised using the following scale of estimated magnitude of change (↑ = beneficial; ↓ = detrimental); and we noted where impacts were particularly subject to uncertainty:

- / / / = High (above 100% deviation from business as usual in the absence of the instrument)
- / / = Medium high (50-100% deviation)
- / = Medium low (10-50% deviation)
- / = Low (less than 10% deviation)

## Results

The table below sets out our assessment of each of the policy instruments in the Policy Mixes. A word of caution: the nature of the assessment, and difference in scope of the instrument, means that direct comparison between the estimated impacts of different policies is not possible. The table should be seen as an introduction to the detailed assessments rather than as a summary of them.

### DYNAMIX environmental objective

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Change in the extraction of raw materials</th>
<th>Change in GHG emissions</th>
<th>Change in the global land requirement required for EU consumption and production</th>
<th>Change in the water use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extraction of raw materials</td>
<td>Reducing use of virgin metals by 80% [base 2020]</td>
<td>Change in extraction of raw materials</td>
<td>Change in the GHG emissions</td>
<td>Change in global land requirement required for EU consumption and production</td>
</tr>
</tbody>
</table>