Action Sustainability's Carbon Footprint 2021
To be a net zero carbon business by 2030 and achieve a year-on-year reduction in our carbon emissions.

We are signed up to the Science Based Targets Initiative and commit to a 1.5°C aligned target.

We commit to reduce our absolute scope 1 and scope 2 GHG emissions 46% by 2030 from a 2019 base year, and to measure and reduce our scope 3 emissions.
2021 Executive Summary

Total 2021 carbon footprint accounts for **25.5 tCO₂e**

Scope 3 continues to dominate our footprint, at 84% of our overall total. In 2020 our footprint was 29.5 tCO₂e and was dominated by employee working from home heating, as a result of Covid-19 lockdowns. In 2021 working from home heating continues to dominate emissions.

- **Scope 1** is office gas use
- **Scope 2** is office electricity use
- **Scope 3** is all our indirect emissions

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### Emissions Breakdown

**Home working**
- Employee working from home heating: 12.86 tCO₂e
- Employee working from home electricity: 1.3 tCO₂e

**Scope 1 & 2**
- Consultancy: 1.88 tCO₂e
- Office use: 0.34 tCO₂e

**Scope 3**
- SCSS: 2.99 tCO₂e
- Sustainability Tool: 0.13 tCO₂e
- Office use: 1.1 tCO₂e
- Staff travel: 1.58 tCO₂e
- Electricity: 0.68 tCO₂e
- Gas: 0.13 tCO₂e
- Water, waste, WTT: 0.00 tCO₂e
- Staff commute: 2.27 tCO₂e
- Delegate travel: 0.34 tCO₂e
- Courier, hotel stays: 0.34 tCO₂e
2021 Comparison with 2019 and 2020

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<thead>
<tr>
<th></th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Emissions</strong></td>
<td>26</td>
<td>28</td>
<td>26</td>
</tr>
<tr>
<td><strong>Gas</strong></td>
<td>11.13</td>
<td>13</td>
<td>10.9</td>
</tr>
<tr>
<td><strong>Electricity</strong></td>
<td>3.80</td>
<td>3.38</td>
<td>3.80</td>
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<tr>
<td><strong>Courier, hotel stays</strong></td>
<td>10.9</td>
<td>11.13</td>
<td>11.13</td>
</tr>
<tr>
<td><strong>Staff Travel</strong></td>
<td>2.50</td>
<td>2.02</td>
<td>2.27</td>
</tr>
<tr>
<td><strong>Delegate Travel</strong></td>
<td>25.1</td>
<td>21.4</td>
<td>21.4</td>
</tr>
<tr>
<td><strong>Staff commute</strong></td>
<td>3.0</td>
<td>5.5</td>
<td>5.5</td>
</tr>
<tr>
<td><strong>Water, waste WTT</strong></td>
<td>17.6</td>
<td>21.4</td>
<td>21.4</td>
</tr>
</tbody>
</table>

- **Scope 1** is office gas use
- **Scope 2** is office electricity use
- **Scope 3** is all our indirect emissions

- 2019: 115 tCO₂e
- 2020: 30 tCO₂e
- 2021: 26 tCO₂e
Conclusions

• Covid-19 lockdowns and working from home have further reduced our carbon footprint to 25.5tCO2e in 2021 (compared with 29.5 tCO2 in 2020), as the majority of events and training remained virtual and employees worked mostly from home.

• Virtual working in 2021 continues to prove that we can deliver training and events effectively. Therefore, in 2022 and onwards, AS will continue to work remotely where possible and applicable.

Changes from last year:
• Following the release of DEFRA’s working from home methodology, we adopted this methodology to work out our 2021 working from home emissions and recalculated our 2020 emissions using this methodology, to allow for an annual comparison of our carbon footprint with increased accuracy.

Strategy:
• We will continue to identify opportunities to reduce our carbon footprint, for example through continuing to deliver virtual training sessions and encouraging employees to travel via low emission transport options when face-to-face meetings are required.
• Focus on hotspot areas – in recognition that some face-to-face events may take place, we want to continue exploring opportunities where emissions can be kept as low as possible.
• Use a credible offsetting scheme to offset our carbon emissions when we can’t reduce this any further: for 2021 we have continued to use The Gold Standard and offset our emissions by supporting the Nicaforest High Impact Reforestation Program.

For further detail or information on the methodology, please contact Sam Walker at sam.walker@actionsustainability.com