Reducing carbon footprint of milk

Ireland’s Carbon Emission Challenge

Milk sector expansion

Reduction strategies

- Increase efficiency
- Low emission tech
- Carbon Storage

Global milk demand

<table>
<thead>
<tr>
<th>Year</th>
<th>2017</th>
<th>2030</th>
<th>2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demand</td>
<td>310</td>
<td>360</td>
<td>453</td>
</tr>
<tr>
<td>CO₂</td>
<td>7.5 billion</td>
<td>8.7 billion</td>
<td>10 billion</td>
</tr>
</tbody>
</table>

Cut milk’s carbon emission (C footprint)

Irish milk’s C footprint <1/2 global average!

Take home messages

Applying all farm strategies can reduce Irish milk C footprint by 30%