TESS – Towards European Societal Sustainability

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TESS – Towards European Societal Sustainability (EU FP7)
What role do community-based initiatives play for sustainability and what is their potential?

1. Characterisation of the environmental, social, technological, political and economic context of initiatives.

2. Assessment for the identification of factors supporting or hindering these initiatives and their potential in GHG reductions.

Data from extensive interviews among 63 CBIs across Europe

- Food
- Waste
- Energy
- Transport
Research areas of TESS

- Sucess factors and constraints
- Resilience
- Environmental Impact
- Up-scaling
- Policy context
- Social Impact
- Economic Impact
- Innovation
- > 60 community-based initiatives
  In 6 European regions

Food
Waste
Energy
Transport
Rationale of the GHG assessment: Comparison against an activity-specific baseline scenario

D. Landholm, A. Holsten, F. Martelozzo, J. Kropp
New online tool Tack-It!:

http://www.sustainable-communities.eu/tools/

**In the year 2014 your initiative my_initiative has avoided 96932.6 kg CO₂e.**

This refers to your activities, which are compared to a 'baseline scenario':

<table>
<thead>
<tr>
<th>Domain</th>
<th>Activity</th>
<th>Avoided emissions</th>
<th>Compared to baseline scenario</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport of Goods</td>
<td>Transportation of Goods</td>
<td>94925.0 kg CO₂e</td>
<td>The goods are transported by an average-sized car driven with conventional fuel.</td>
</tr>
<tr>
<td>Transport</td>
<td></td>
<td>84.9 % CO₂e</td>
<td></td>
</tr>
<tr>
<td>Food</td>
<td>Preparing meals</td>
<td>2007.6 kg CO₂e</td>
<td>People eat a meal of similar calories corresponding to a typical diet including meat.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22.4 % CO₂e</td>
<td></td>
</tr>
</tbody>
</table>

The avoided greenhouse gas emissions are equivalent ...

- to the emissions 11.0 Europeans cause on average per year ...
- ... or to driving by car for 416377 km
Further Information:

http://www.tess-transition.eu/

http://www.sustainable-communities.eu/

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