Environmental, Economic and Social Aspects: the Climate Action Plan for the City of Kaiserslautern 2020

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City of Kaiserslautern
Monday, February 22, 2010
Climate Targets

**Vision**
Zero-Emission-City

Sub-goal 2020:
40%+X (based on 1990)

Goal 2030:
50% (based on 1990)
Evaluation

**CO2 pro Kopf LCA nach Sektoren**

<table>
<thead>
<tr>
<th>Jahr</th>
<th>Haushalte</th>
<th>Öffentl. Verwaltung</th>
<th>Verkehr</th>
<th>Wirtschaft</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>2.105188121</td>
<td>4.616093838</td>
<td>1.0875287445</td>
<td>2.632411968</td>
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<tr>
<td>2006</td>
<td>6.782500784</td>
<td>2.645287445</td>
<td>2.802529377</td>
<td>4.616093838</td>
</tr>
</tbody>
</table>

**CO2 gesamt LCA Sektoren 2006**

- Haushalte: 499872.1857; 46.7%
- Öffentliche Verwaltung: 285061.2596; 26.6%
- Verkehr: 286455.5322; 26.7%
- Wirtschaft: 0.0%

<table>
<thead>
<tr>
<th>Einheit</th>
<th>1990</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>t/Jahr</td>
<td>46572</td>
<td>28655</td>
</tr>
</tbody>
</table>

Stadtverwaltung Kaiserslautern Umweltschutz
Climate Action Plan Kaiserslautern

- Reduction of CO2 emissions by 40% + X
- Environmental, economic and social aspects
- Cooperation with local stakeholders (50)
- Public participation
Climate Action Plan Kaiserslautern

- Potential of municipal buildings
- Actor network and measures of defined
- Concept Public Relations

Action Catalog and impact analysis
March 2010

Climate Protection Concept

Applying for funding and implementation
2010 to 2020
Potential of municipal buildings

Energy Efficiency check for 100 buildings

- building shell
- electric lighting
- the technical installations
- heating systems

→ reduce the CO2 emissions, the energy costs and the consumption
Actor network

- City administration
- Commerce/Industry
- Science and Education
- Religious community/social facilities
- Citizens
- Umbrella organisations
Public Relations Concept

- inform and sensitize the citizens in order to support the implementation of the climate action plan
Action catalog and impact analysis

Fact sheets for the measures:

- Energy efficiency and renewable energy
- Traffic
- Site development
- Procurement, waste and waste water management
Environmental aspects

- Reduction of greenhouse gas emissions
- Meaningful use of resources
- Global climate change
Economic aspects

- reduction of energy costs to improve our competitive position
- regional value creation – the money stays in the region
- location advantage through the formation of clusters and research activities
Environmental Consulting Kaiserslautern

- Free advice, information and projects for citizens, for schools, for Industry and Commerce
- Solar city concept
Activities of the City of Kaiserslautern in climate protection

More information at
www.kaiserslautern.de/leben_in_kl/umwelt