CIVITAS PLUS

Transport policies in European cities

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RENAISSANCE Consortium
Innovation in transport systems

- Why innovation in mobility?
- At what conditions?
- What is innovation?
### Crisis or long term trend?

**Figure 7**
Please identify the current main areas of spending for delivery of local government services in your city/town and indicate the change in level of spending (increase, no change, decrease) for each one of these services since the crisis took place.

<table>
<thead>
<tr>
<th>Service</th>
<th>Significant Increase</th>
<th>Major Increase</th>
<th>Modest Increase</th>
<th>No change</th>
<th>Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation</td>
<td>12.2</td>
<td>14.6</td>
<td>26.8</td>
<td>24.4</td>
<td>12.2</td>
</tr>
<tr>
<td>Housing</td>
<td>4.4</td>
<td>6.7</td>
<td>33.3</td>
<td>42.2</td>
<td>9.9</td>
</tr>
<tr>
<td>Education</td>
<td>4.9</td>
<td>12.2</td>
<td>31.7</td>
<td>41.5</td>
<td>4.9</td>
</tr>
<tr>
<td>Health</td>
<td>10.3</td>
<td>7.7</td>
<td>46.2</td>
<td>33.3</td>
<td></td>
</tr>
<tr>
<td>Social care</td>
<td>9.3</td>
<td>18.6</td>
<td>52.1</td>
<td>18.8</td>
<td></td>
</tr>
<tr>
<td>Security</td>
<td>2.7</td>
<td>8.1</td>
<td>37.9</td>
<td>48.6</td>
<td>2.7</td>
</tr>
<tr>
<td>Sanitation &amp; Waste Management</td>
<td>6.4</td>
<td>14.9</td>
<td>27.7</td>
<td>44.7</td>
<td>2.1</td>
</tr>
<tr>
<td>Environmental Planning &amp; Monitoring</td>
<td>2.0</td>
<td>12.2</td>
<td>34.7</td>
<td>46.9</td>
<td>2.0</td>
</tr>
<tr>
<td>Community &amp; Recreational Facilities/Services</td>
<td>3.8</td>
<td>7.5</td>
<td>34.0</td>
<td>43.4</td>
<td>5.7</td>
</tr>
<tr>
<td>Economic Development/Investment Promotion</td>
<td>9.5</td>
<td>17.0</td>
<td>36.2</td>
<td>31.9</td>
<td>2.1</td>
</tr>
<tr>
<td>Tourism &amp; Cultural Promotion</td>
<td>4.5</td>
<td>6.8</td>
<td>34.1</td>
<td>43.2</td>
<td>4.5</td>
</tr>
</tbody>
</table>

- Significant Increase (over 20%) - Major Increase (10 to 20%) - Modest Increase (0 to 10%) - No change - Decrease

Notes: Base for responses for each area of spend varied between 37 to 63; responses may not total 100% as “Don’t Know” responses have been excluded.

Source: PWC, 2010
Challenges for the future of urban mobility

- Demographic change
- Urbanisation
- Climate change policies
- Local emissions and the environment
- Increasing energy costs
- Economic competitiveness
What innovation for a more efficient urban mobility?

- Energy efficient and cleaner mobility
  - Collective and soft modes of transport to provide seamless multimodal solutions
  - Cleaner vehicles

- Preserving accessibility

- Optimizing capacity use

- Economic efficiency

Efficient movement of people and goods!
## Innovation for an integrated urban mobility policy

### Innovative systems and services

- Travel information
- Parking information
- Traffic and regulation Information
- Traffic management
- enforcement
- ......

- PRT
- Minimetro
- Cycling and walking
- Innovative mobility services (car sharing, etc.)
- Integrated ticketing
- ....

### Integrated urban mobility policy

- Modal shift supported by seamless multimodal travel
- Demand management
- Optimization of the network
- Mobility for all

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How much can we expect from technology?

No scenario foresees that we will able to reach ambitious targets without behavioural change.

Technology is not the solution, it has a key role to play to enable solutions.

There are no isolated solution.
Innovation goes much further than technology

- funding mechanisms;
- communication and awareness raising;
- governance
- knowledge transfer and exchanges of experience
Thanks you!

Sylvain Haon / Steve Cassidy