Methodologies of analysis and actions for sus-mobility

Fragments of sustainable mobility from the University of Bologna

Topics:

Section I

City of Bologna and the University presence

Section II

Commuter plan for workers and students - 2006

Section III

Aims and actions

City of Bologna and the University presence

Alma Mater Studiorum

University of Bologna

90.000 people move daily in Bologna with university destination

Fragments of sustainable mobility from the University of Bologna

Methodologies of analysis and actions for sus-mobility

Focus on Bologna: main locations

City integrated campus

Software measures available for mobility management

Strategies

Communication, shared information oriented to create culture and conscience for the sustainable mobility, with aims to change lifestyle (mailing list, e-paper...)

New services (car sharing, car pooling, bike sharing, e-governance applications for parking area...)

Park and road pricing, limited traffic zone, reducing use of private cars

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New services (car sharing, car pooling, bike sharing, e-governance applications for parking area...)

Park and road pricing, limited traffic zone, reducing use of private cars
Students Time takes

Administrative and technical staff
46%

Pr
Pr

Studiorum - 2006

for workers and students of Alma Mater

Analysis by neighbourhood of origin in the city of Bologna

Analysis by province of origin

Section II

Technical staff
Administrative and

Professors

Professors

Professors

To extend analysis and actions to any kind of personnel working in the campus

Economical difficulties

To define general aims for all the campus management in University of Bologna

3,1%

Rimini

2,1%

7,7%

80,4%

To extend analysis and actions to any kind of personnel working in the campus

4,6%

Workers
categoria lavoratori

Luogo di partenza

Analisi di contesto interno

Objective

phase

Economical difficulties

44% bicycle/foot 4% motorcycle

80% resident out of Bologna 74% from Province of Bologna

Professors and researchers
Per la categoria docenti

33%60%29% 38%

Economical difficulties

16,1 %

Altro

7,7%

Forlì

3,2 %

9%

31% car

12% car

25% bicycle/bike

8% motorcycle

31%

40% resident out of Bologna

22% resident out of Bologna

Professors and researchers
Per la categoria dottorandi, borsisti,...

37% car

11% motorcycle

9% car

25% bicycle/bike

8% motorcycle

13%

9%

31%

40% resident out of Bologna

22% resident out of Bologna

Professors and researchers
Per la categoria tecnici-amministrativi

6%

auto come conducente

auto com e conducente

4%

3%

13%

9%

31%

40% resident out of Bologna

22% resident out of Bologna

Professors and researchers
Per la categoria tecnici-amministrativi

3%

auto com e passeggero

auto come passeggero

7%

26%

28%

29%

18%

14%

28%

29%

18%

14%

28%

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14%

28%
### Actions and actual state of progress

- **Promote public transportation (Bus + Train)**
  - Bus and Train ticket subscription (facilitated condition for workers and students)
- **Communication** (mailing list, web site, newsletter)
- **Incentive bicycles**
- **Promote bikesharing for foreigner students**
- **Supplies of electrical bicycle for daily mobility**
- Increase space for parking
- **Promote alternative new means of transportation**
- **Car sharing**
- **Develop virtual notice book for car pooling management**
- **Communication** newsletter, mailing list, updates of web site
- **Research applications in mobility management**
- Develop dynamic models for pedestrian mobility
- **E-governance for parking area management**

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### Take a look around the first results ...... basing upon experience

#### A balance between aims and actions

<table>
<thead>
<tr>
<th>Aim</th>
<th>Field of Action</th>
<th>Level of Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improve mobility</td>
<td>Objective</td>
<td>Very effective</td>
</tr>
<tr>
<td>Improve safety</td>
<td>Technical</td>
<td>Fair effective</td>
</tr>
<tr>
<td>Improve climate</td>
<td>Economical</td>
<td>Not much effective</td>
</tr>
</tbody>
</table>

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### Section III

**Conference**
- **Sustainable campus**
- **Best practice and future changes**
- **26 April 2007**
- **Science City / ETH Hoenggberg Zurich**

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**See details:**
- [Mobility Manager Office](http://www.unibo.it/Mobility)
- [Physics of the City](http://www.unibo.it/Physics)

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**Thank you**

- Roberto Battistini