Can public bike-sharing systems assist migrant women to use bicycles?

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Vienna/Austria – demographic context

• **Austria:** 22% of population
  → **Vienna:** 38%

  – Migrant women: nearly 20% of Vienna’s population.
    • **Vienna:** 208,000 migrant women from non-EU countries (58%), 150,000 women from EU countries (42%)
    • Main countries of origin: Serbia, Turkey

Data: Statistik Austria 2017
Cycling courses in Vienna

- open for (all) women: beginners & advanced
- cooperation with migrant & neighbourhood associations

Most courses: funded by Mobility Agency Vienna
Cycling courses in Vienna

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**Cycling courses in Vienna**

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>beginners: 0, advanced: 0</td>
</tr>
<tr>
<td>2013</td>
<td>beginners: 2, advanced: 0</td>
</tr>
<tr>
<td>2014</td>
<td>beginners: 6, advanced: 1</td>
</tr>
<tr>
<td>2015</td>
<td>beginners: 4, advanced: 1</td>
</tr>
<tr>
<td>2016</td>
<td>beginners: 2, advanced: 0</td>
</tr>
<tr>
<td>2017</td>
<td>beginners: 2, advanced: 1</td>
</tr>
</tbody>
</table>

2012-2017: > 200 participants

180 individual women

Research project „Women on the move“
119 answered questionnaires (66%)
Research project: Women get moving

• Project team:
  – Institute for Advanced Studies
  – Radlobby Wien
  – Women’s center “piramidops”
  – Women’s health center “Fem Süd”

• Funding by Austrian Ministry for Transport, Innovation and Technology

• Questions:
  – What do migrant women need to (re-)start cycling?
  – Can public bike-sharing foster migrant women’s cycling and if so, under what circumstances?
Bicycle ownership & access

Access to a bicycle, N=119

- Own bicycle: 37%
- Can use bicycle of a family member: 45%
- No access to a suitable bicycle: 18%
- No access: 55%
Can public bikes bridge the gap?

Usage of public bikes, N=119

- 75% use Citybike
- 25% use Citybike one to several times a year
- 7% use Citybike one to several times a month
- 3% use Citybike one to several times a week
- 15% do not use Citybike

City-bike module as part of cycling courses.
**Self-confidence on a bicycle**

**Self-perception of cycling skills, N=119**

**Beginners**
- 12%: "I can ride well everywhere"
- 21%: "I can ride well on cycle paths and quiet streets."
- 30%: "I can ride well in a car-free environment."
- 37%: "I can’t/wouldn’t dare to cycle outside of the course."

**Advanced**
- 8%: "I can ride well everywhere"
- 31%: "I can ride well on cycle paths and quiet streets."
- 51%: "I can ride well in a car-free environment."
- 10%: "I can’t/wouldn’t dare to cycle outside of the course."
Bicycle usage

Frequency of cycling after attending a cycling course, N=103

- 33% Cycle one to several times a week
- 23% Cycle one to several times a month
- 22% Cycle one to several times a year
- 22% Don’t cycle outside of the cycling classes

67%
Chances & Challenges

• Big interest in cycling lessons
  – health
  – social participation
• Cooperation with migrant & neighbourhood associations
• Encouragement: from learner to trainer
• Public bike-sharing module

• Funding of cycling classes
• Adequate training spaces in districts
• Lack of starter-friendly cycling conditions
• No access to a bicycle
• Barriers to use bike-sharing
Thank you for your attention!

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