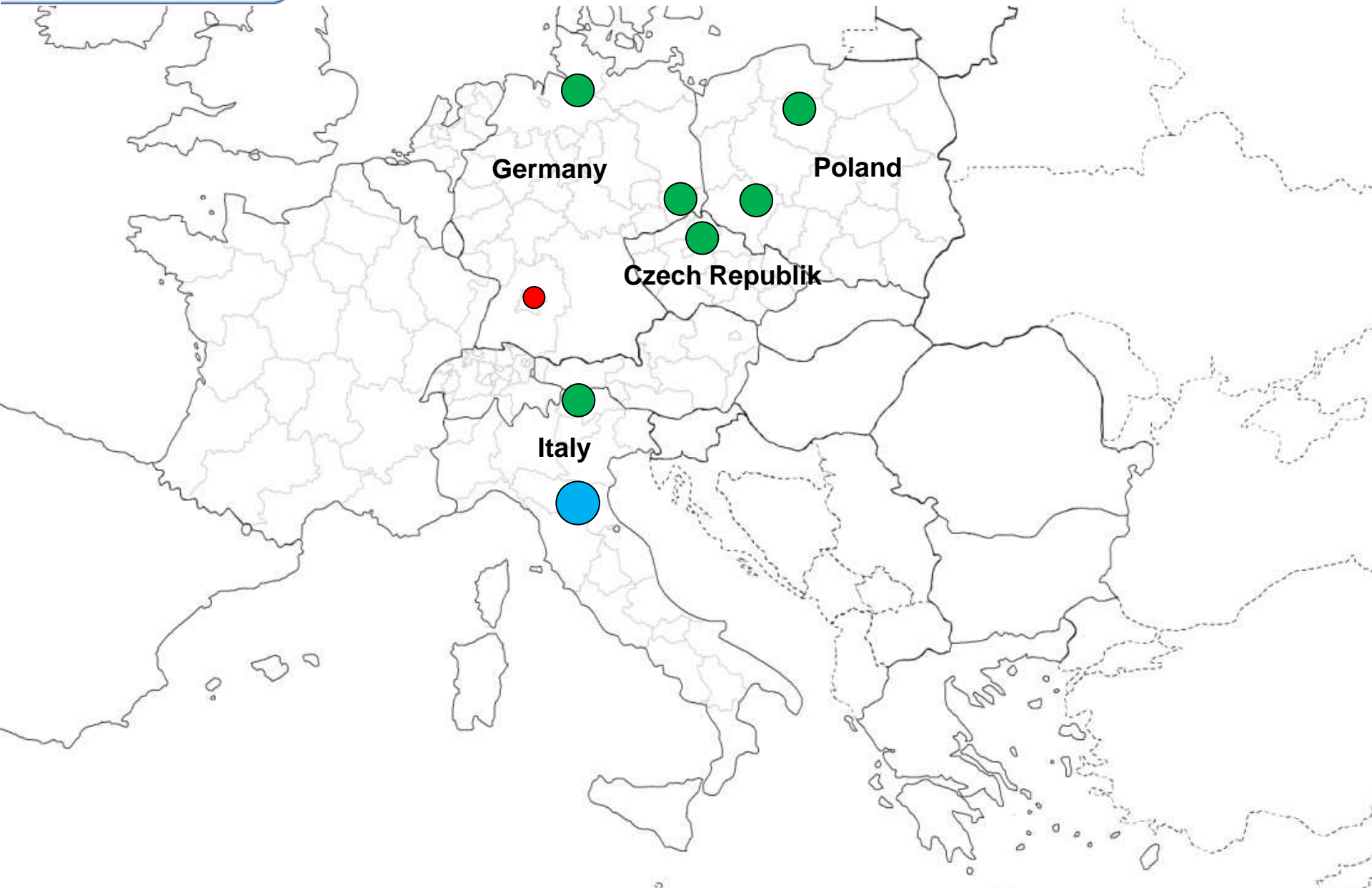


New responses to demographic changes

Manfred KREISNER,
Verband Region Stuttgart (DE)
Bologna 15.05.2013

Location of Stuttgart Region



Characteristics of the Stuttgart Region

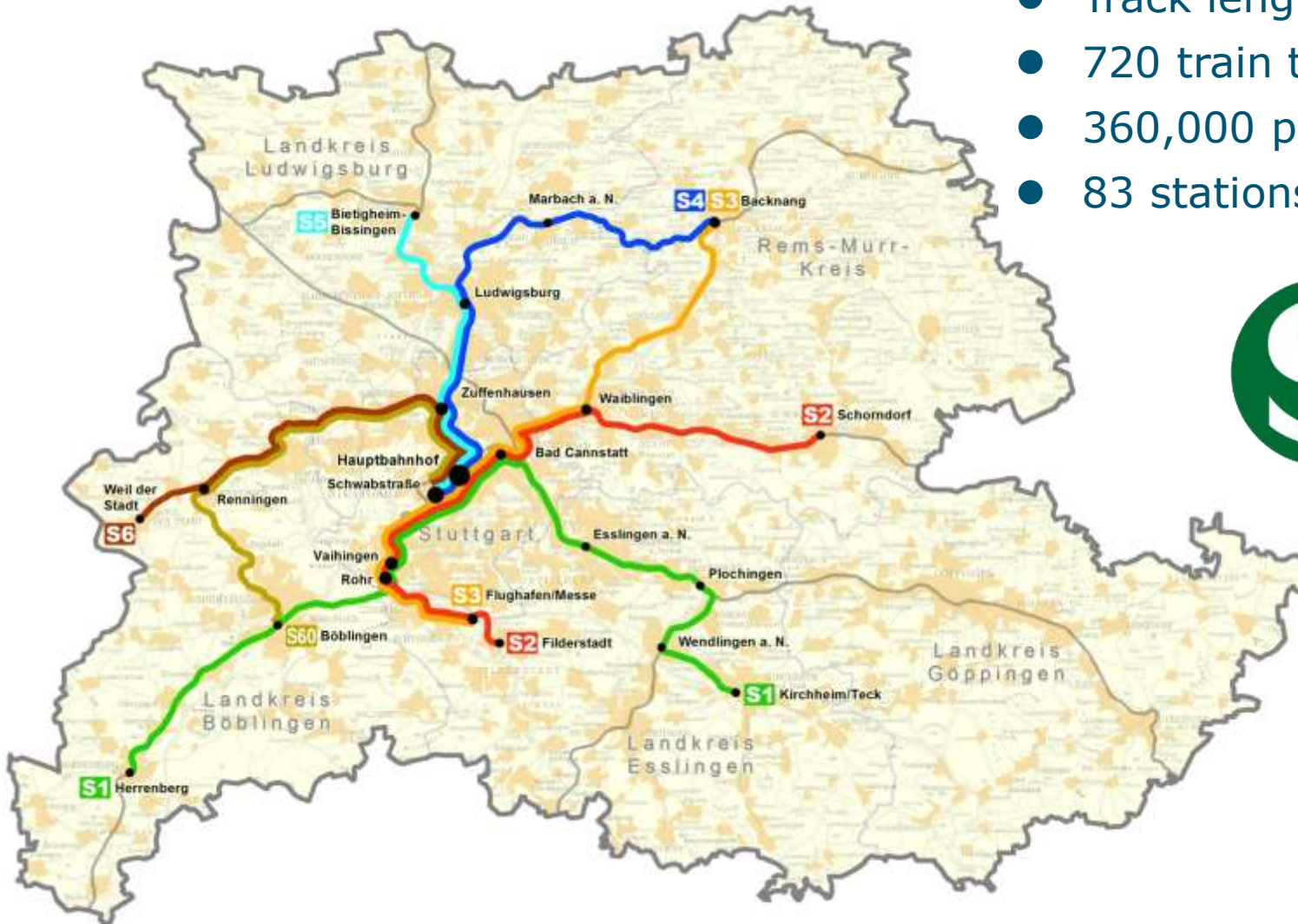


- Stuttgart + 5 counties
- 179 municipalities
- 2.67 million inhabitants
- 3 654 square kilometers
- 731 inhabitants/sqkm



Suburban railway system - S-Bahn

- 7 S-Bahn lines ~ 279 km
- Track length 215 km
- 720 train trips per day
- 360,000 passengers /day
- 83 stations

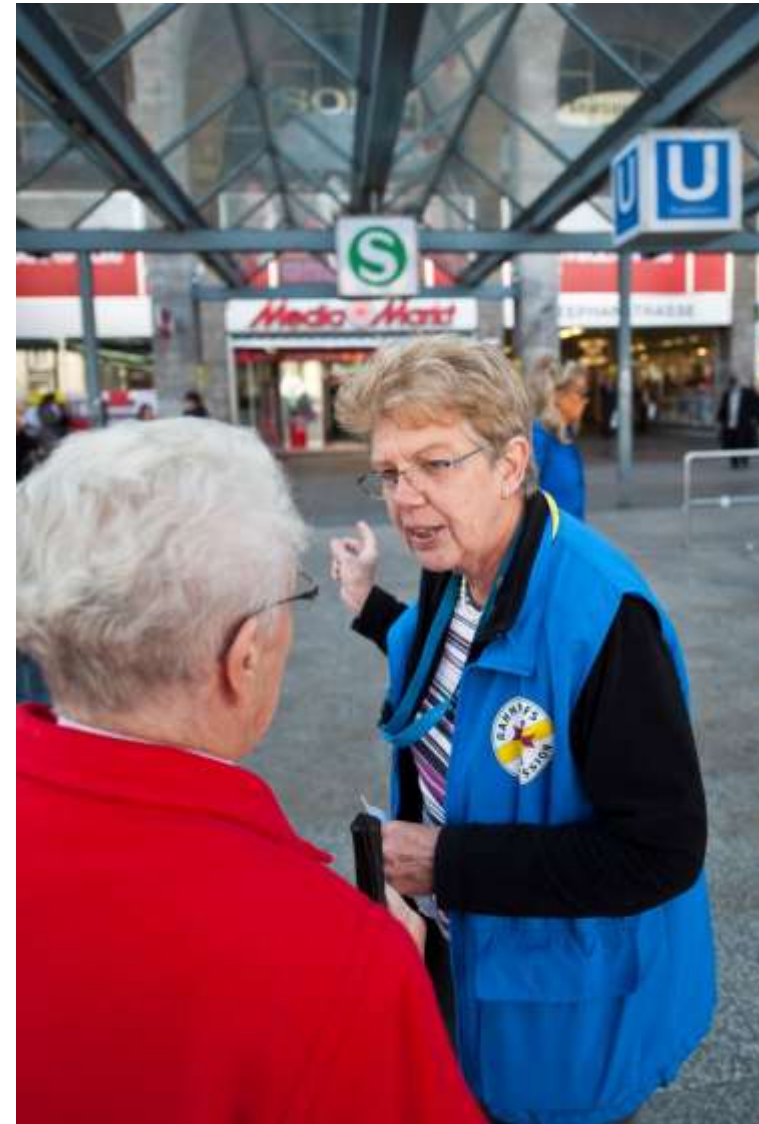


Mandatory tasks

- Regional planning
- Landscape framework planning
- Regional transport planning
- Regional tourism marketing
- **Local public transport**
(of regional importance)
- Aspects of waste management
- Regional business development

Voluntary tasks

- Cultural and sporting events
(together with congresses)
- Regionally significant trade fairs



Tender for operation

- 9,8 million train km
- 19 million vehicle km
- 15 years of duration
- 87 new trains
- Begin of service mid-of-2013

Network extensions

- 2 new line extensions
on old existing railway lines
opening December 2012

Improvements

- Regular S-Bahn traffic 24h
replacing the night busses for
the weekend since 12-2012



Goals

- Identification of barriers and restrictions for elder people to use our suburban railway system
- Estimation of the potential for measures to diminish these barriers

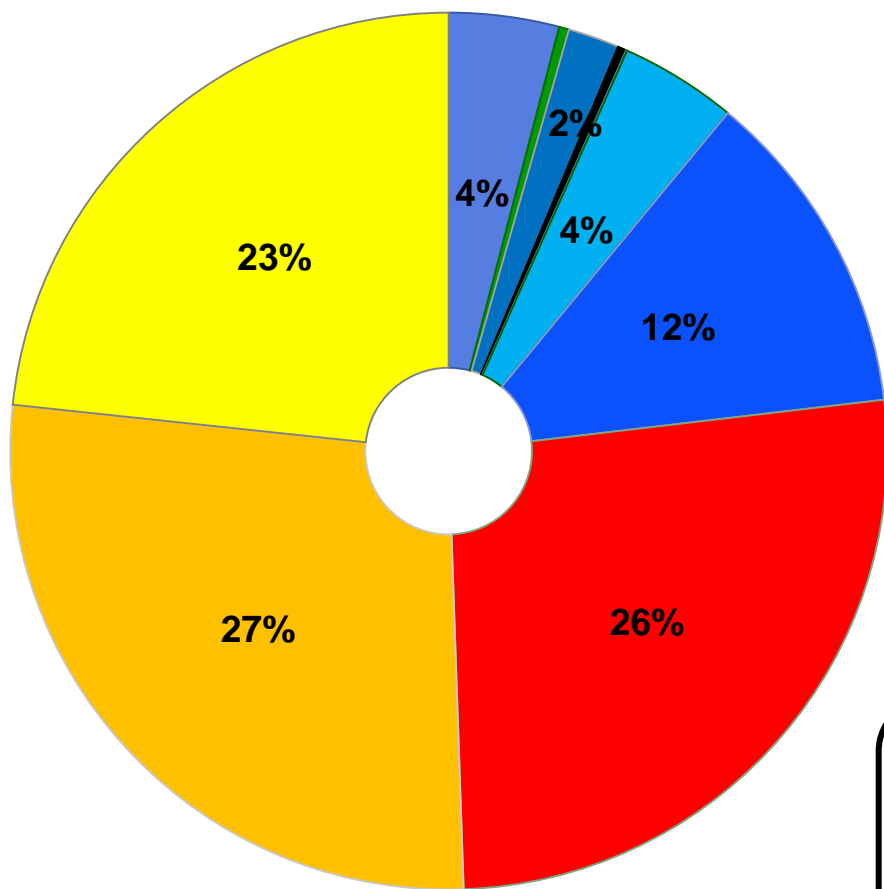
Methods

- About 2000 structured telephone interviews of elder passengers and non-passengers
- Evaluation of the pilot project „mobility assistants“





Findings of the pilot project



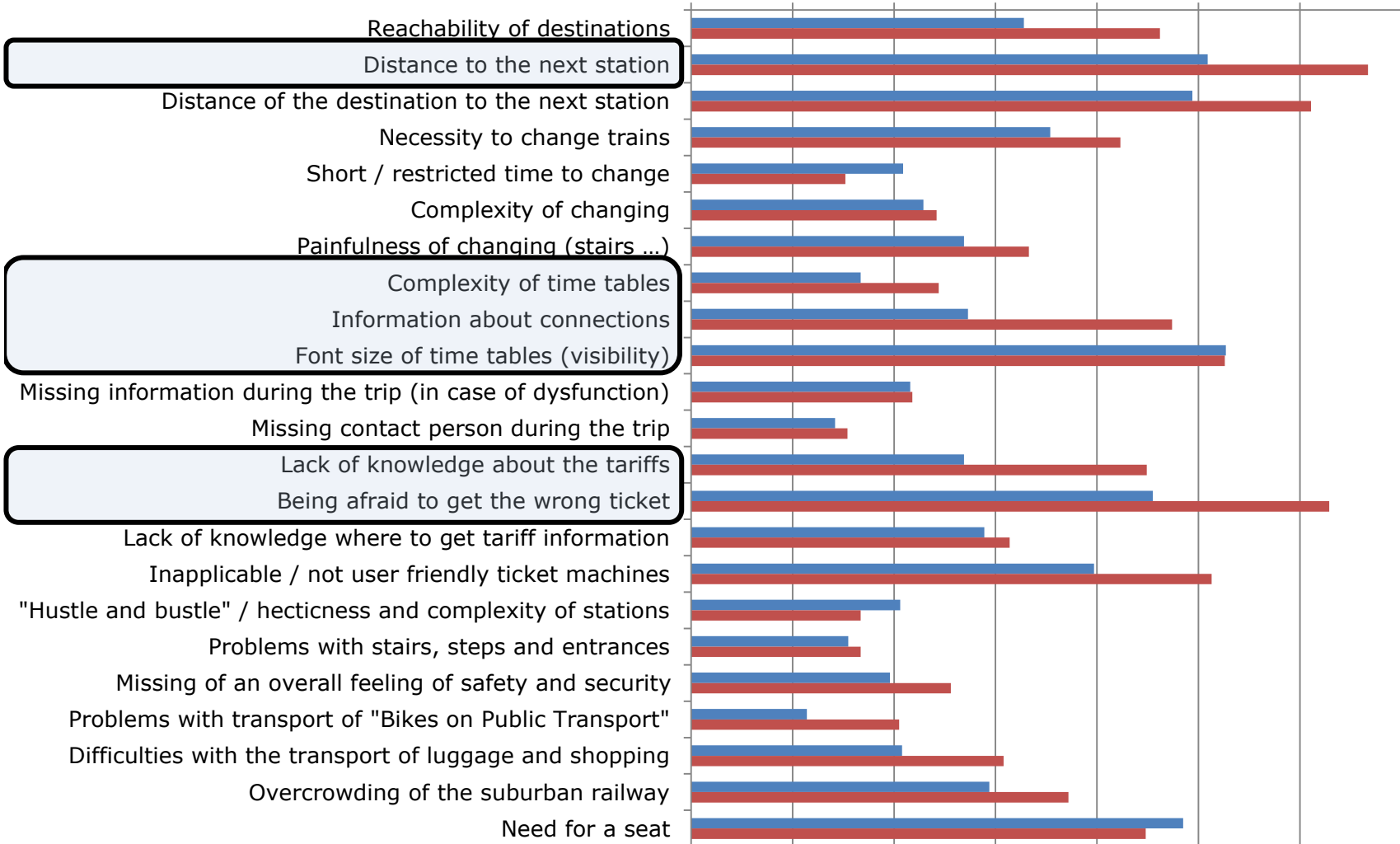
- vehicle door assistance
- escort service in the station
- luggage transport
- walker / rolling walker
- showing the way to the ramp
- connection assistance
- staircase assistance (with baby buggy)
- ticket machine assistance
- info "surrounding"
- info "public transport connection"

Data collection 13.07.-11.11.2011 // 2748 answers

Findings of the study: barriers & constraints

for occasional and potential users

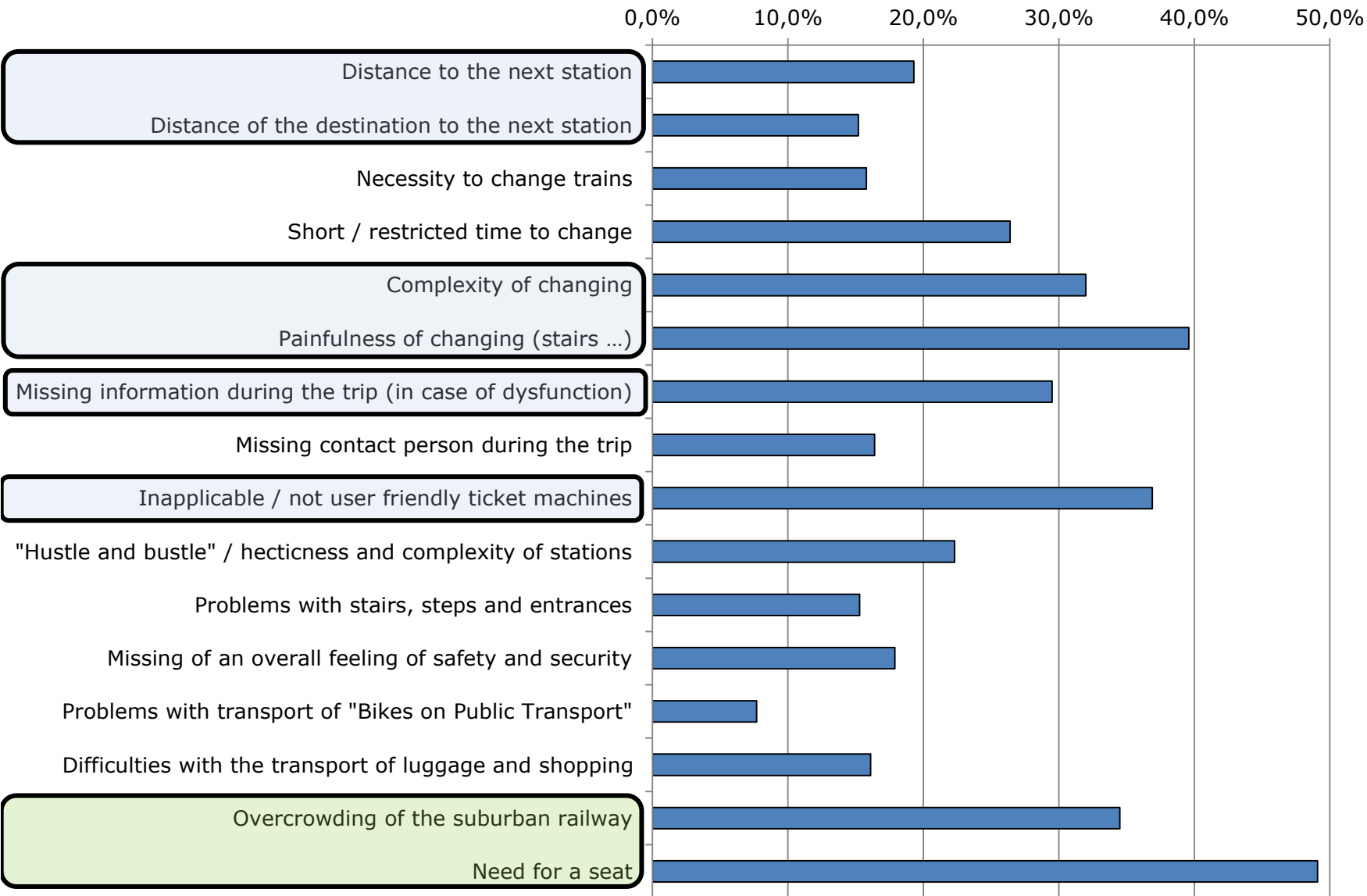
0% 10% 20% 30% 40% 50% 60% 70%



■ occasional S-Bahn users

■ potential S-Bahn customers

for regular users



Occasional riders

- Distance of the destination to the next station
- Tickets & Tariffs
- Trip Information / connections

Regular users

- Problems with ticket machines
- Complexity of changing: (steps, stairs and entrances)



Barriers using public transport in the view of elder passengers

- Information (time tables, tariffs ...)
- Usability of ticket machines
- Accessibility of stations, platforms and trains (especially for changing)

Solution approaches

- Personal services
- Technical and constructive solutions (improvements of the infrastructure)
- Technical and design oriented measures (usability / accessibility)





Thank you very much

