

New living concepts in the city: The potential impact of urban planning on travel behaviour

A case study of Berlin

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Knowledge for Tomorrow



Background

- For the last decades: residents have moved to the suburbs in order to satisfy their desire for a house with a garden
- Recently: More people want to live in cities
- Various dwelling types emerge and change the face of the cities

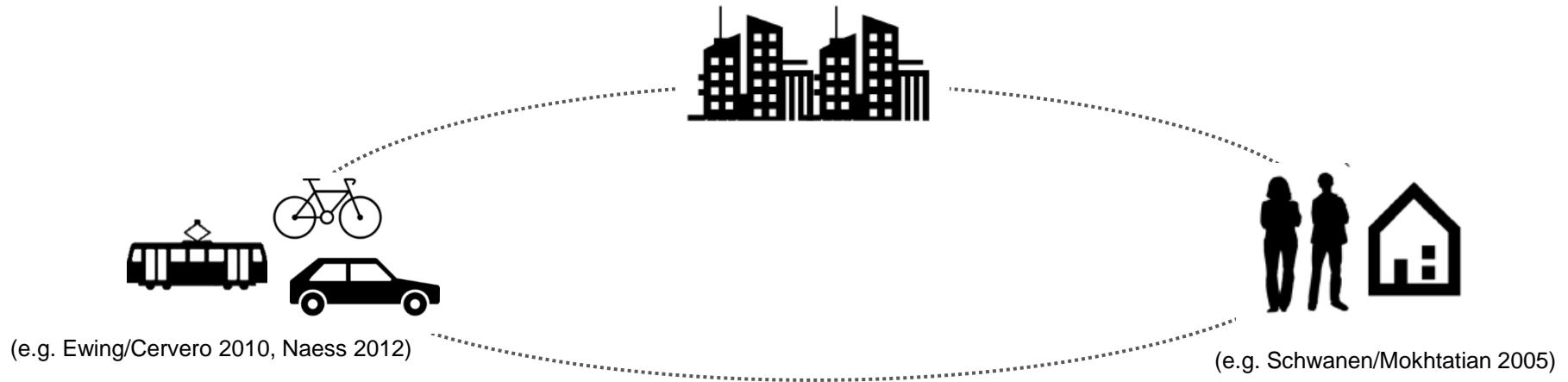


Gilde Carrée, Hannover



Confluence, Lyon

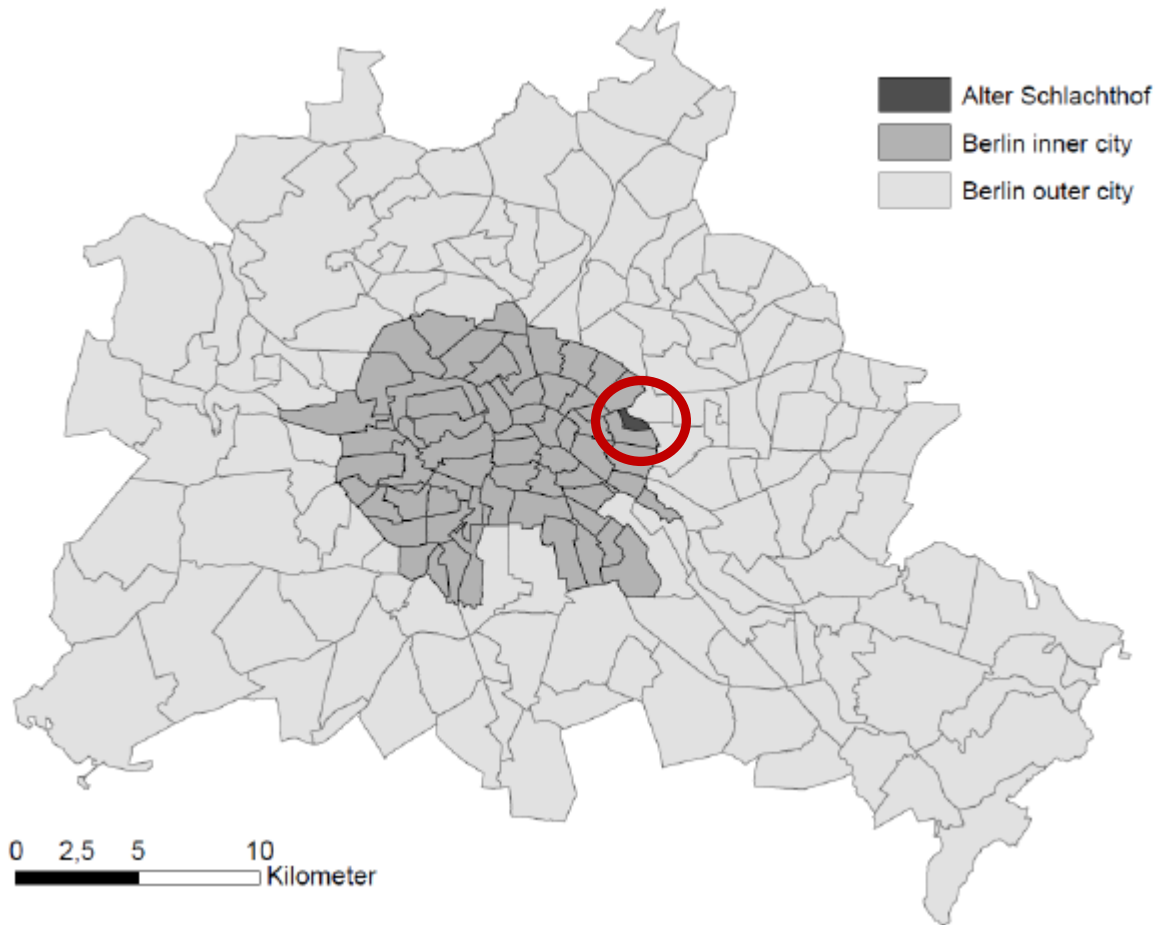
Research questions



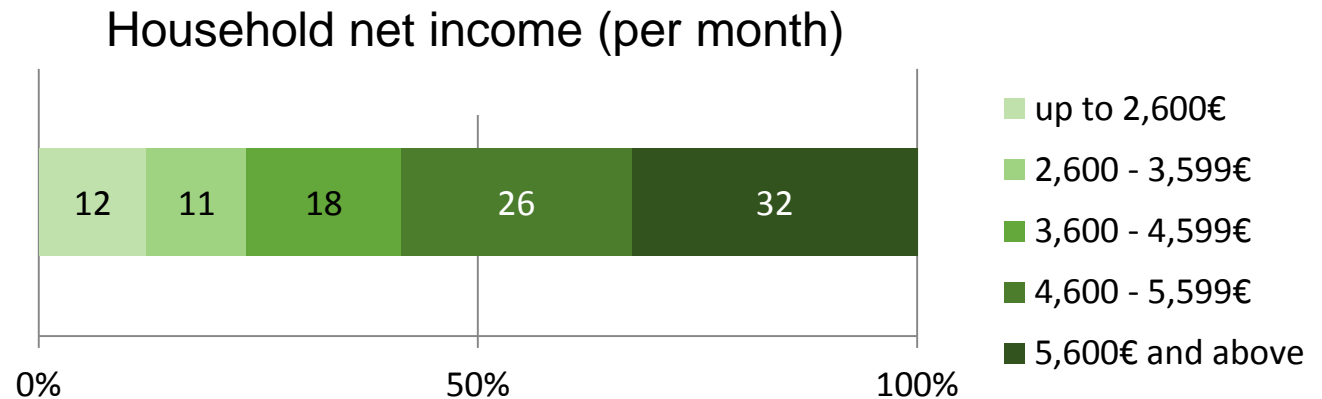
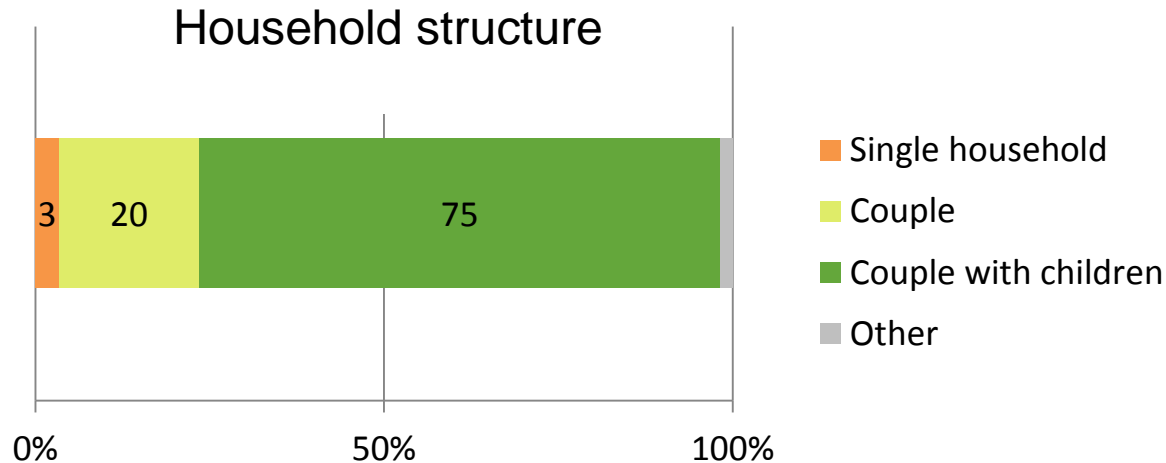
- For which households is this kind of inner-city area an attractive location?
- What kind of travel behaviour can be attributed to the residents?
- What urban planning measures can be taken to further stimulate sustainable travel behaviour?



Research area „Alter Schlachthof“



Who lives in this kind of urban area?

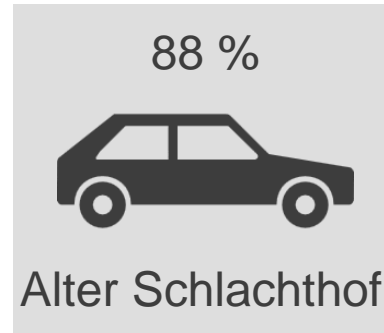


Own analysis based on dataset 'Alter Schlachthof' (2012)

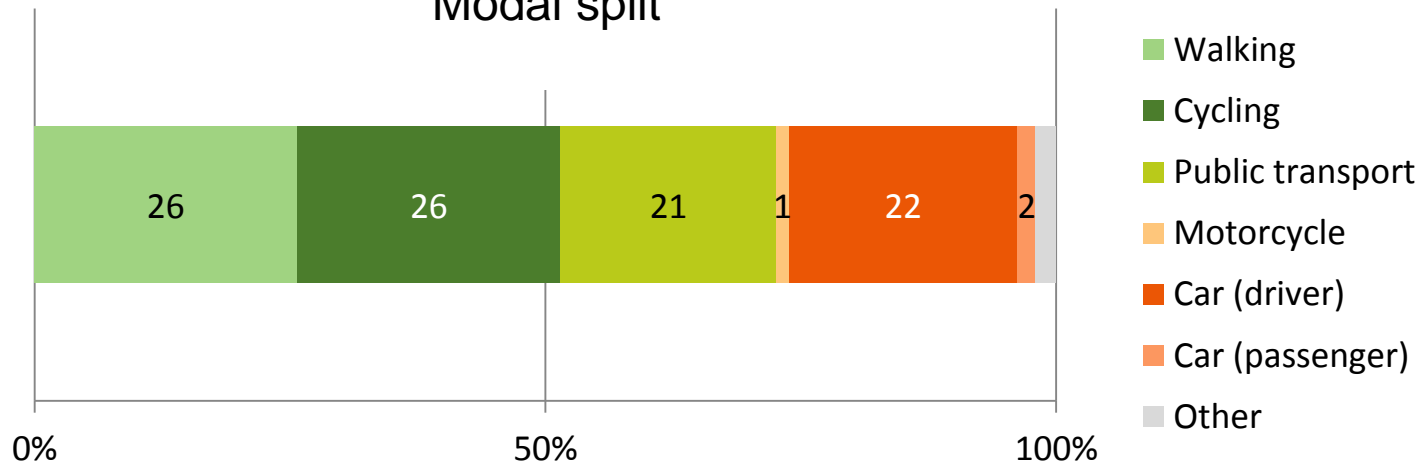


Car ownership and travel behaviour

Households with at least one car



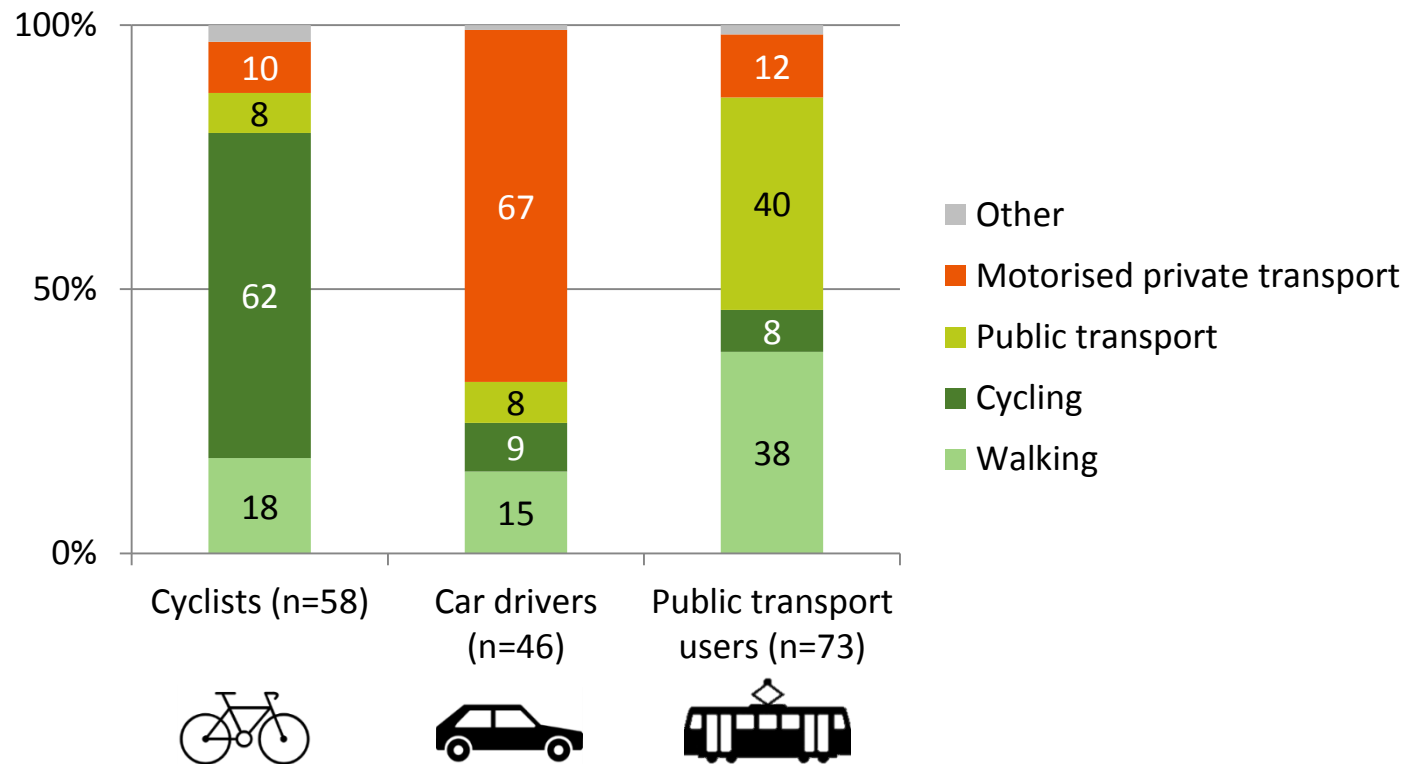
Modal split



Own analysis based on dataset 'Alter Schlachthof' (2012)



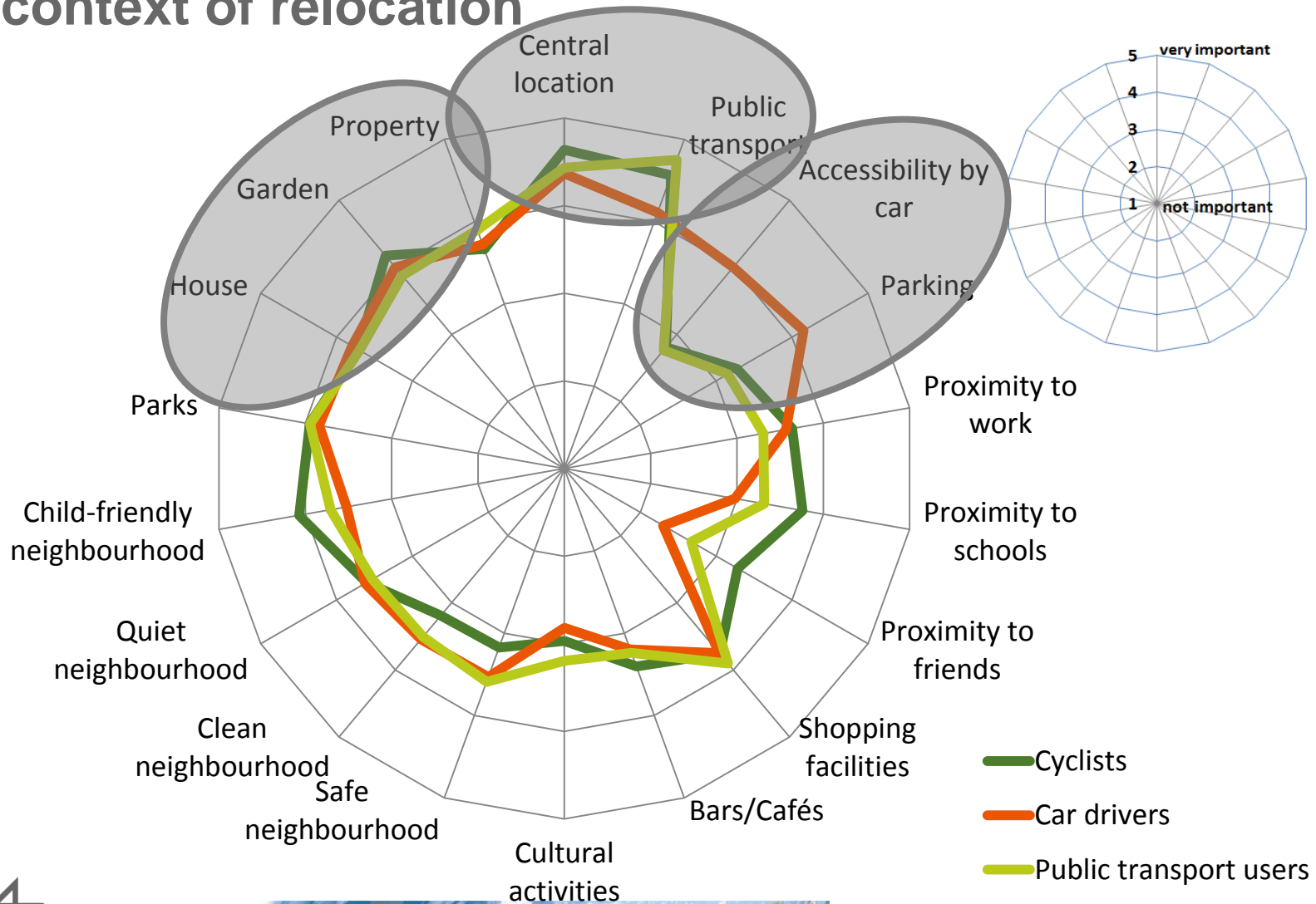
Different groups regarding mode choice



Own analysis based on dataset 'Alter Schlachthof' (2012)



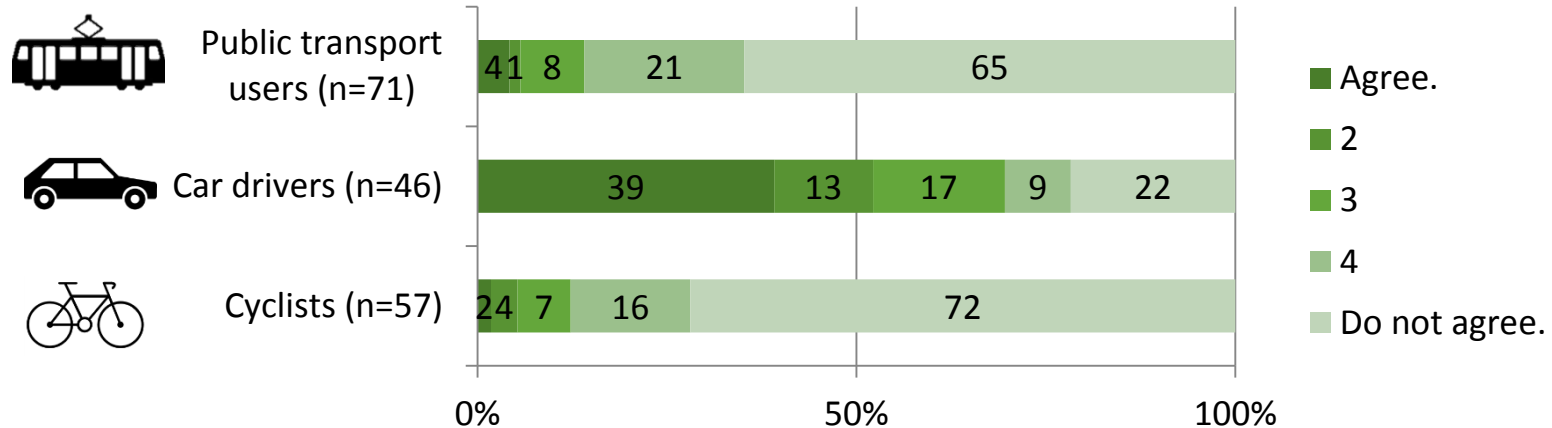
Preferences towards land use and mobility in the context of relocation



Own analysis based on dataset „Alter Schlachthof“ (2012)

Attitudes towards driving and urban planning

Without a car I can't organise my daily life.



Car drivers

- More shops in walking distance 16%
- Reduction of parking spaces 16%
- Better access to public transport 12%



Own analysis based on dataset 'Alter Schlachthof' (2012)



Conclusion

- This kind of new urban development attracts families with higher incomes
- High car-ownership rate, but rare use
- Different groups of travel behaviour
- Urban planning measures are able to slightly reduce the trips by car → reduce emissions and energy consumption



Thank you!



Sources

- http://www.sipa-niedersachsen.de/images/ausgezeichnet/ostland/Ostland_Gilde-Carre_04.jpg
- <http://a404.idata.over-blog.com/1/06/45/05/Lyon/Lyon-Confluence--c-Bernard-Moutin-2010-0052.JPG>

