



The Comparative  
Genetics of Cities



## Goals for the Workshop

1. Find practical ways to improve urban sustainability
2. Connect observations, models and decision-making
3. Bring together different sectors
4. Exploit the value of urban comparisons





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# Three communities: observers, modelers, decision-makers

- Observers: engineers, IT companies, space agencies
- Modelers: urban planners, computer scientists, economists
- Decision-makers: politicians, managers, corporate leaders

*Observations*



*Models*

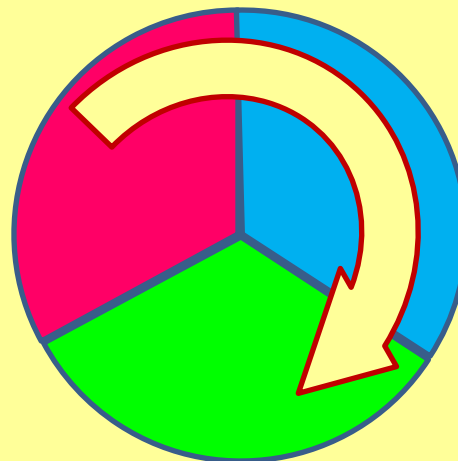
*Decision-making*



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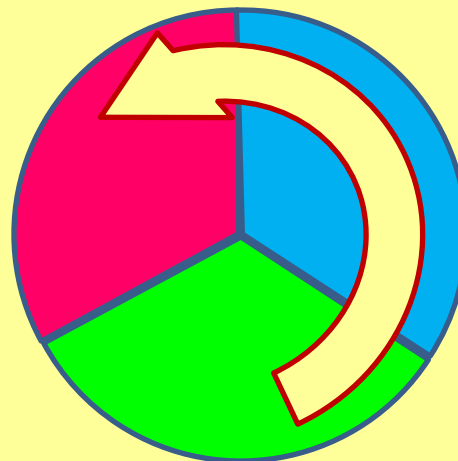
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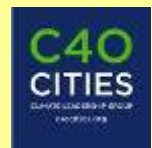


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# Four sectors help conduct urban experiments

## Government



## NGOs

Fund  
Protect  
Regulate  
Negotiate

Educate  
Discover  
Convene  
Integrate

Advocate  
Defend  
Inform  
Solicit

Contribute  
Innovate  
Employ  
Invest

## Universities



## Corporations

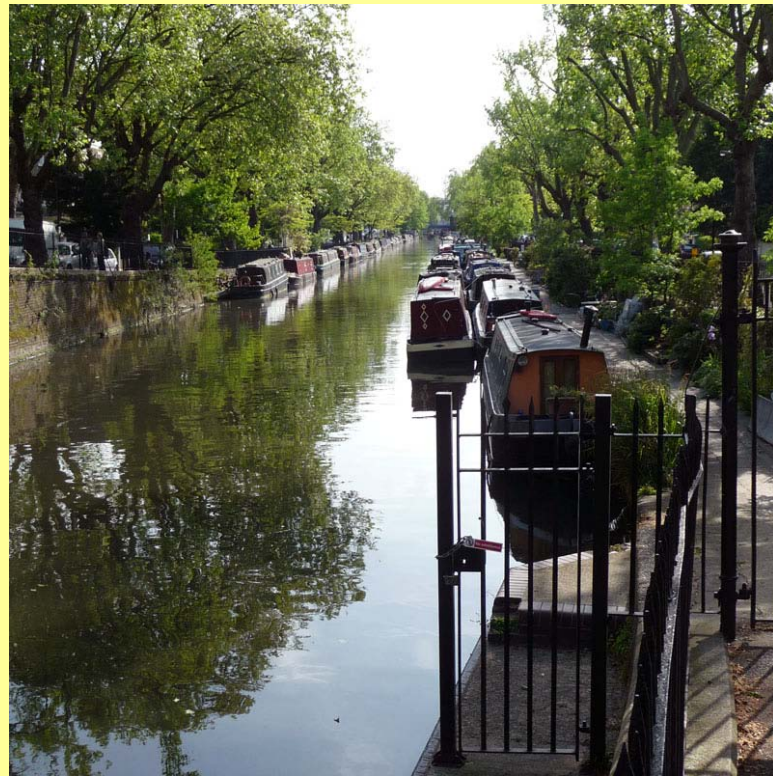




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# What is the value of urban comparisons?





# Canal Miles

Amsterdam  
47



Venice  
125



Phoenix Metro  
181



# Phoenix-based set of comparative city studies

