

pedal-powered placemaking

Florian Lorenz - Smarter Than Car

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III. Future of Places conference, Stockholm, Sweden. 2015-06-29



„Pedal-powered Placemaking“ | Florian Lorenz, Smarter Than Car at III. Future of Places conference, Stockholm. 2015-06-29



Beijing: Mobile craft and pop-up service - Hairdresser | Shannon Bufton/STC | 2011
Shannon Bufton

**Placemaking can be
supported and catalyzed by
fine-grain economic and
cultural activities based on
pedal-powered vehicles.**

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BEIJING DONG CHENG DISTRICT SAMPLE
BICYCLE LIVELIHOODS COMPONENT MAP



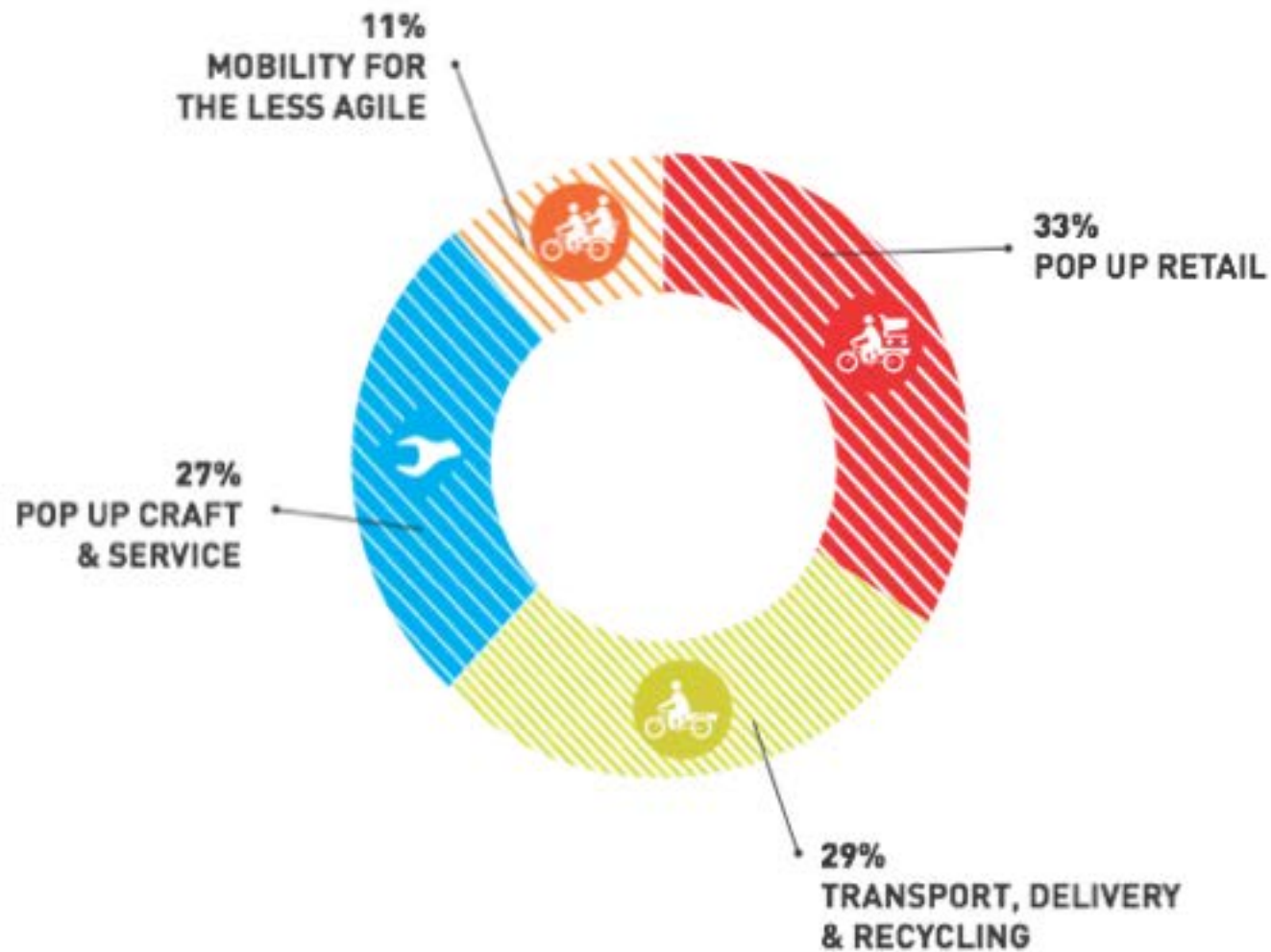
Bicycle Livelihoods

-  Mobile Business
-  Transport + Delivery
-  Mobile Craft Services
-  Rickshaw for Elderly
-  Mobile Craft with Retail
-  Street Cleaning

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Bicycle Livelihoods at DongCheng Superblock | Smarter Than Car | 2011
STC



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We define a **„pedal-based livelihood“** as the realm where bicycles (or tricycles) are used to sustain a person's everyday life by providing identity, economic opportunity and functional utility.

[Lorenz & Bufton. Beijing's pedal-based livelihoods as a muse for bicycle urbanism. Zoll+ 01/2012]

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POP-UP RETAIL



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POP-UP CRAFT & SERVICE



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Why do Pedal-powered Livelihoods work for placemaking?

- **Densify public space**
- **Efficient use of public space**
- **Creating fluid urban activity zones**
- **Democratic way of placemaking**
- **Provide social infrastructure**

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Responding to Demand

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Mobile business and pop-up retail - Fruit seller in Beijing CBD | Beijing | 2011
Florian Lorenz / STC



On Location

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Temporary food market in Dong Cheng district | Beijing | 2012
Florian Lorenz / STC

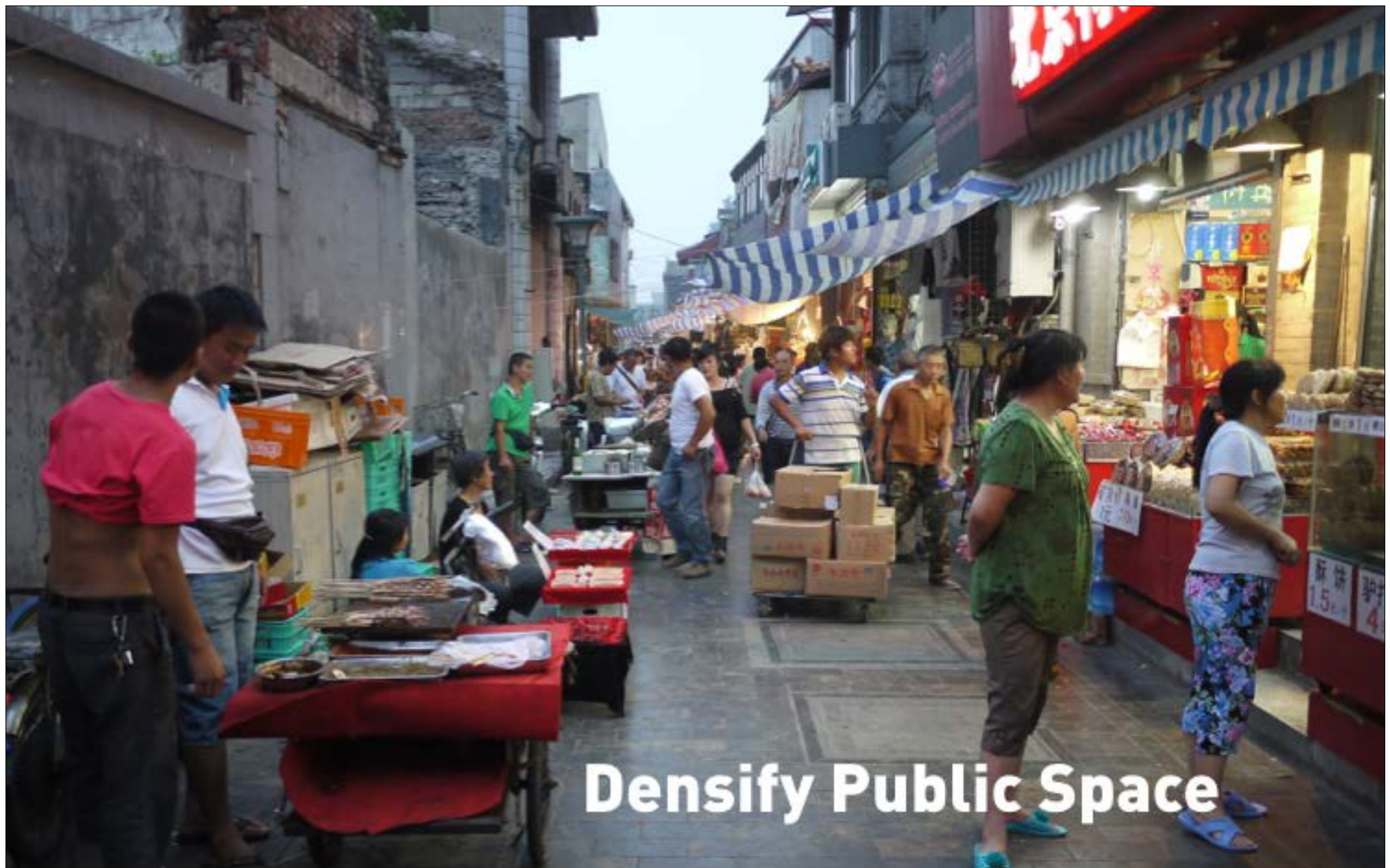


Docking to Infrastructure

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Bicycle livelihoods as urban survival strategies | Beijing | 2012
Florian Lorenz/STC



Densify Public Space

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Bicycle livelihoods as urban strategies | Beijing | 2012
Florian Lorenz/STC



Efficient Use of Public Space

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Fluid Activity Zones



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Temporary Attractions



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Bicycle livelihoods as urban survival strategies | Beijing | 2012
Florian Lorenz/STC

Vehicles as Street Furniture



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Bicycle livelihoods - Spare time in Dong Cheng district | Beijing | 2013
Florian Lorenz/STC



Social Infrastructure

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Social life at Bicycle Repair Station | Beijing | 2012
Florian Lorenz/STC

Clustering of Services



„Pedal-powered Placemaking“ | Florian Lorenz, Smarter Than Car at III. Future of Places conference, Stockholm. 2015-06-29



Beijing: Clustering of pop-up food vendors and bicycle repair station | Florian Lorenz/STC | 2012
author himself

Fluid Activity Zones



„Pedal-powered Placemaking“ | Florian Lorenz, Smarter Than Car at III. Future of Places conference, Stockholm. 2015-06-29



Clustering of pop-up kitchens and retail at Tiantong Yuan | Beijing | 2012
Florian Lorenz/STC



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Clustering of pop-up kitchens and retail at Tian Tong Yuan | Beijing | 2012
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Densify Public Space

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Pop-up retail | Bogotá | 2014
Florian Lorenz/STC

Spontaneous Encounters



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Pop-up retail during Ciclovía Bogotá | Bogotá | 2014
Florian Lorenz/STC

Temporary Attractions



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Pop-up bicycle kitchen | Bogotá | 2014
Florian Lorenz/STC

Docking to Existing Infrastructure



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Pop-up retail docking to bus stop during Ciclovía Bogotá | Bogotá | 2014
Florian Lorenz/STC

Clustering & Docking



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Pop-up retail in front of cemetery | Apartadó, Colombia | 2015
Florian Lorenz/STC



Clustering of Services

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Clustering of pop-up retail during Ciclovía Bogotá | Bogotá | 2014
Florian Lorenz/STC

Social Infrastructure



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Social exchange at the pop-up juice-maker | Medellín | 2014
Florian Lorenz/STC

Tailored Infrastructure



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A New Generation



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Pop-up food joint, contemporary design | Bogotá | 2015
Florian Lorenz/STC

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Tricycle collective at Beijing's Bell Tower | Chrystal Ruth Bell | 2011
Chrystal Ruth Bell



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The DJ Trike | Jonathan Ingharas | Vancouver | 2012
Florian Lorenz

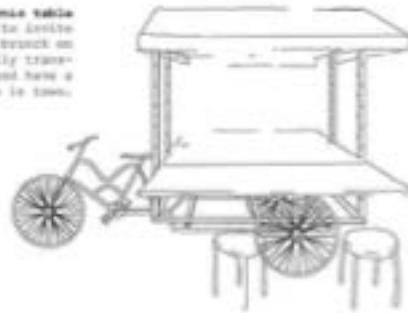


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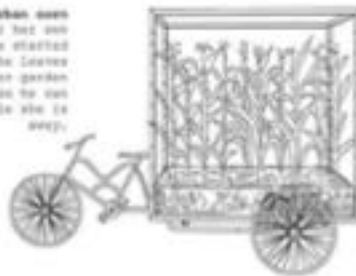


The DJ Trike | Jonathan Ingharas | Vancouver | 2012
Florian Lorenz

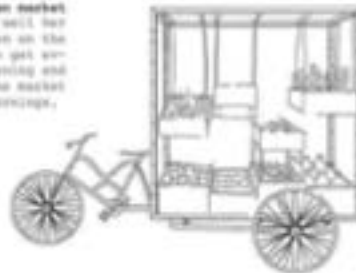
travelling urban picnic table
 tom and lisa always love to invite
 her friends for a brunch on
 sunday-mow they can easily trans-
 port their things and have a
 picnic anywhere in town.



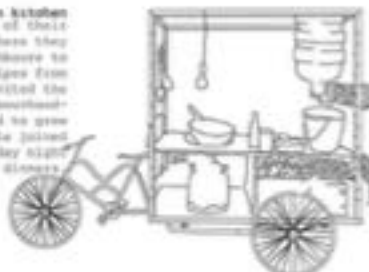
travelling urban sun
 lisa was longing for her own
 little garden in town..she started
 growing some sun..when she leaves
 on holiday she drives her garden
 to her friend's place so he can
 take care of it, while she is
 away.



travelling urban market
 lisa always wanted to sell her
 vegetables from the garden at the
 local market. now she can get ev-
 erything ready in the evening and
 drive her products to the market
 on saturday mornings.



travelling urban kitchen
 lisa and mrs dreamed of their
 little mobile kitchen, where they
 could invite their neighbours to
 cook all kinds of recipes from
 their countries. They invited the
 people from the neighbour-
 hood-when the community started to grow
 and more and more people joined
 for the regular thursday night
 dinner.

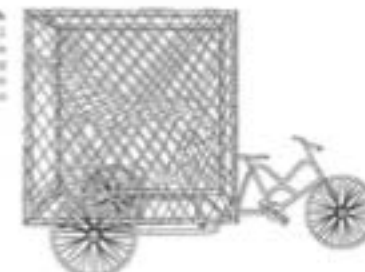


shanghai-vienna
KONG WEN
 an investigation into urban voids

travelling urban study
 tom always wanted a place outside
 her house to work-
 during the diploma project she
 sets up a little studio and works
 in the fresh air, handles product
 her from rain and sun-when she
 feels alone she can easily trans-
 form her working space into a
 "bed" and take a power nap



travelling urban couch
 tom wants to ride his bike all
 over town, when he feels tired he
 wants to relax- with the folding
 out and the button press he can
 easily create a relaxed place to
 take a rest..



The title **KONG WEN** resulted from
 a playful linguistic approach. By
 creating a middle stroke of the
 second character of "Kong" we end up
 with a new meaning "wen", describ-
 ing to inquire. The term for space in
 chinese then is transformed into a
 new word that can be interpreted as
 to "inquire the emptiness". In the
 urban context space is mainly
 described through the presence of
 absence. Kong wen on the triangle is
 inspired by human interaction
 within the street space of Shanghai.
 It offers citizens a platform for their
 phenomena and wants to highlight
 the social potential of our everyday
 life paths and streets.

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Kong Wen | Nora Amelie Sahr | Vienna | 2014-
 Nora Amelie Sahr



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Dong Dong Fan @ Kong Wen | Nora Amelie Sahr | Vienna | 2014
Nora Amelie Sahr



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How Pedal-powered Livelihoods work for placemaking

- Adding up > Densify Public Space
- Responding to Demand > Efficient Use of Public Space
- Flexible in Space & Time > Spontaneous Encounters & Temporary Attractions
- Clustering of Services > Fluid Urban Activity Zones
- Appropriation of Public Space > Democratic Way of Placemaking
- Vehicles as Street Furniture > Social Sculptures in Public Space
- Meaning, Reference & Encounter > Social infrastructure

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How can Public Space work for Pedal-powered Livelihoods?

- Density & Frequency
 - Use-open urban spaces
 - Docking opportunities
 - Open and democratic space >
- Legal framework!

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