Replace, Retake, Remake
Perspectives on Urban Mobility after the Car

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100 Years of Counter-Productivity!

**Regulatory**

- **Hong Kong** cut down on its traffic and emissions by taxing personal vehicles and investing in mass transit.

- **Mexico City** drastically reduced its pollution with tighter fuel regulations, a Metrobus system, and car travel restrictions (vehicle demand management strategy) steadily; today, over 20 million of its residents’ 32 million trips a day are on public transit.

- **Guangzhou**’s greenway, bus rapid transport system, vehicle quota system (VQS), and some 5,000 bike-share bikes are expected to cut 86,000 tons of CO2 per year over their first 10 years and reduce particulate matter, a cause of respiratory illnesses, by 4 tons.

**Cultural**

- **Falling car mileage** as persistent trend in high-motorized countries.

- Demographics working against car ownership as less young people are licensed drivers.

- Empirical evidence that we reached **Peak Car** in most of the developed countries.

**Business**

- The meteoric rise of **carsharing as a business case** – after its invention more than 25 years before.

- **Ridesharing** as an alternative (original) form of carsharing, both commercial as well as social/community oriented.

- Managing **intermodality** as a business case (and task for city planners).

- **E-mobility** as the next big... at least it could play a role in local renewable energy management.
**Business as usual**
Focus on production, sales and car ownership

- **Virtually no carsharing**
- **Gross value added automotive industry**: 100%
- **Ecological Overshoot**: 2.16

**Technology as (un)usual**
Doubling efficiency throughout entire lifecycle

- **Virtually no carsharing**
- **Gross value added automotive industry**: 100%
- **Ecological Overshoot**: 1.17

**Smart Business Mix**
Privat car + Carsharing as hybrid business model

- **12% of fleet is carsharing**
- **Gross value added automotive industry**: 98%
- **Ecological Overshoot**: 1.00
100 Years of Mobility in our future Urban Lifeworlds
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