



Bike Sharing

Railvolution - Boston

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Bike Sharing Definition

- **“Short term bike rental available at unattended urban locations.”**

-Paul DeMaio, Bike Sharing Blog & Metro Bike LLC



courtesy of www.macleans.ca

How it works

- Buy day or long-term membership
- SmartCard/credit card or cell-phone activated



Benefits

- Adds flexible, sustainable transportation mode
- Reduce auto trips
- Increases transit-capacity: esp. at peak
- Mainstreams cycling



Benefits, continued

- Attracts new riders: gateway to bicycling
- Increase number of cyclists



Implementation Challenges

- Safety (helmets, new riders)
- Liability
- Theft/vandalism
- Financing (public cost, lost parking revenue)

Where is bike sharing operating?

- **Europe:** over 100 cities
- **North America:** (Washington, D.C., Montreal)
- **Slated for 2010:** Arlington, Boston, Denver, Minneapolis & Toronto)



Heavy Use Bike Sharing Cities

- Paris: 54 million trips as of June 2008, 74,000 trips/day (20,000 bikes in fleet)
- Lyon – 22,000 trips/day (3,000 bikes)
- Barcelona – 100% increase in bike mode share in three months

