Public Bicycle Systems

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Public Bicycle Systems

1. Background
2. Implementation Issues
3. Next Steps
1. Background > Local Context
1. Background > Mainstream PBS

- Paris (20,600)
- Barcelona (6,000)
- Lyon (4,000)
- Berlin (1,700)
- Munich (1,350)
- Oslo (1,200)
- Stockholm (1,000)
1. Background > North America

- Washington DC (120)
- Montreal (2,400)
- Chicago (550-1,500?)
- Portland (500?)
- Seattle (300?)
- San Francisco (?)
- Boston (?)
- Philadelphia (?)
- New York (?)
- Vancouver BC (1,000-3,800?)
1. Success Stories > Critical Factors

- Density and scale
- Low barriers to entry
- High quality system in good repair
- Effective re-distribution
- Short trips
- Bicycle-friendly

Map of Paris city limits with every bikeshare location designated with a purple dot.
2. Implementation Issues

- Lead Agency
- Partnerships
- Delivery Model
- Helmets
- Financing
- System Size & Phasing
- System Design
- Supporting Infrastructure
2. Implementation > Lead Agency
2. Implementation > Partnerships
2. Implementation > Delivery Model

- **Own & operate in-house**
  - Montreal
  - DB

- **Own & contract out operations**
  - bicing

- **Invite third party to own & operate**
  - Velib'
2. Implementation > *Helmets*

![Safety in numbers chart](image)

Pascal van den Noort 2008
2. Implementation > Financing
2. Implementation > Size & Phasing
2. Implementation > System Design
2. Implementation > Cycling Facilities
3. Next Steps