

Bikeshare Transit Systems

APHA 2014 conference

New Orleans, LA

What is bikeshare?

Public bike sharing systems offer a convenient and reasonably-priced transportation option in urban environments, university campuses and tourist communities. Compared to free bike programs and bicycle libraries, current generation bikeshare systems may use automated docking stations with a quantity of bicycles, a fleet of smart bicycles with on-board locking and reservation systems, or hybrid variations that include elements of both.

Why is bikeshare popular now?

As rates of car ownership and use decline, more people desire a range of transportation options, from walking to transit to bikeshare to carshare. Cities responding to this trend claim higher retention rates of desirable workers and taxpayers. Policy makers, conference goers and tourists who visit cities with bikeshare systems return to their own communities with a new vision for modern-day transit systems.

What about equity issues?

Bikeshare systems are piloting methods to achieve transportation equity, notably Capital Bikeshare (Washington, DC region) and Hubway in Boston.

Where can I learn more about bikeshare?

View Streetfilms® videos

- ☀ <http://www.streetfilms.org/riding-the-bike-share-boom/> features a dozen bikeshare systems.
- ☀ <http://www.streetfilms.org/the-phenomenal-success-of-capital-bikeshare/> is an earlier film that profiles the success of Capital Bikeshare (“cabi”) in Washington, DC.

Studies, Articles, Blogs

The Bike Share Planning Guide, by the Institute for Transportation & Development Policy (ITDP), is a planning guide intended to shape the next wave of bike-share systems, December 5, 2013.

<https://www.itdp.org/?s=bikeshare+planning+guide>

Bike Sharing in the United States: State of the Practice and Guide to Implementation, September 2012, prepared by Toole Design Group and the Pedestrian and Bicycle Information Center for the USDOT Federal Highway Administration can be found, along with a wealth of other information at

http://www.pedbikeinfo.org/programs/promote_bikeshare.cfm?/bikeshare

[Bike Share Finds Success in Small Cities](#), Matt Christensen, Sept 23, 2013, Momentum Magazine.

Public Bikesharing in North America: Early Operator and User Understanding, June 2012 (157-page report from the Mineta Transportation Institute, Report 11-26, authors: Susan A. Shaheen, Ph.D., Elliot W. Martin, Ph.D., Adam P. Cohen, Rachel S. Finson) found at <http://transweb.sjsu.edu/PDFs/research/1029-public-bikesharing-understanding-early-operators-users.pdf>.

For a glimpse of several systems in Europe through the eyes of a bicycle pedestrian professional, visit <http://mobilitylab.org/2013/07/23/lyon-off-the-beaten-path-with-frances-oldest-bikeshare-system/>

Webinars

- ☀ APBP Bikeshare webinar series (four webinars in the series)
http://www.apbp.org/events/event_details.asp?id=374774
 - #1, Introduction to Bikeshare Transit Systems
 - #2, Funding Bikeshare Transit Systems
 - #3, Institutionalizing Bikeshare Transit Systems
 - #4, The Future of Bikeshare Transit Systems

Plan for success using a transit development plan

In 2012 Arlington County completed a Transit Development Plan (TDP) for its portion of [Capital Bikeshare](#). The Arlington County Capital Bikeshare TDP is the first of its kind and includes a comprehensive review of the existing Capital Bikeshare system and plans for Capital Bikeshare service expansion through 2018 and beyond. Learn more at <http://www.bikearlington.com/pages/bikesharing/arlington-bikeshare-transit-development-plan/>

Plan for success using a business plan

The Philadelphia Bike Share Strategic Business Plan was completed in August 2013. This plan was conducted by [Toole Design Group](#) and [Foursquare Integrated Transportation Planning](#) during the months of February & March 2013 in response to the [Request For Proposal](#). Read the plan here: <http://bikesharephiladelphia.org/PhilaStudy/CompleteBusinessPlan.pdf>

Other useful resources relevant to active transportation initiatives

- ☀ Millennials & Mobility: Understanding the Millennial Mindset (2013)
 - <http://www.apta.com/resources/reportsandpublications/Documents/APTA-Millennials-and-Mobility.pdf>
 - http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_w61.pdf
- ☀ Bicycle Parking
 - APBP Bicycle Parking Guidelines, 2nd Edition <http://www.apbp.org/?page=Publications>
 - APBP Bicycle Parking webinar series http://www.apbp.org/?page=Bike_Parking

- ☀ Bikestation concept <http://home.bikestation.com/bikestation-washington-dc>
- ☀ Green Lane Project <http://www.peopleforbikes.org/green-lane-project> (protected bike lanes)
- ☀ WalkScore <http://www.walkscore.com/>
 - <http://www.walkscore.com/professional/research.php> (offers data products such as Walk Score, Transit Score, Bike Score, Car and Bike Share locations, Public Transit Data, Pedestrian Friendliness, Points of Interest and Travel Time Analysis)
- ☀ 2009 International Scan on Pedestrian and Bicyclist Safety and Mobility in Europe
 - <http://www.international.fhwa.dot.gov/pubs/pl10010/pl10010.pdf>
 - Implementation Plan Recommends U.S. integrate walking, bicycling and transit and also undertake a comprehensive, unified safety education initiative.

You're invited to join APBP at www.apbp.org!

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As a member, you'll gain access to monthly learning sessions that offer team building opportunities to help you rapidly advance active transportation initiatives.