

China scrambles to tame bike chaos

May 23 2017



A booming rental bike business has flooded China's streets with packs of cyclists, but their habit of going the wrong way and abandoning their rides anywhere is causing havoc.

A booming rental bike business has flooded China's streets with packs of cyclists, but their habit of going the wrong way and abandoning their rides anywhere is causing havoc.

The authorities, scrambling to catch up, are considering new regulations to curb the chaos—from capping the number of bikes to even barring



people they consider too big or too small for bicycles.

Unlike the docking station systems in cities like London, Paris or New York, the bikes in China can essentially be found and left anywhere.

From Beijing to Tibet, riders can grab a yellow, blue, green or orange bike by opening a smartphone app and pointing their camera at a QR code that releases a lock for as low as 1 yuan (15 US cents).

Once the ride's over, they simply park the bike and apply the lock.

But many simply leave the bikes in the middle of sidewalks or abandon them haphazardly on freeways. The rules that do exist, are often ignored. This has culminated in fatal accidents in recent months, including the death of a child, spurring officials into action.

In recent weeks, police around the country have impounded thousands of bikes that were discarded in piles. But companies plan to put thousands more on the streets.





From Beijing to Tibet, riders can grab a yellow, blue, green or orange bike by opening a smartphone app and pointing their camera at a QR code that releases a lock for as low as 1 yuan (15 US cents).

Cycling boom backfires

"I like the convenience of cycling instead of taking the subway, but the system backfires when the sheer amount of bikes causes traffic jams in some areas," 21-year-old Beijing student Zhang Wei told AFP.

"Many people also don't know how to bike very well and it is annoying when they swerve around or cycle in the wrong direction," said Zhang.

Some 30 different providers wrestling for market share have placed more than three million bikes on streets around the country, according to state media.



There were 18.9 million users of shared bicycles nationwide in 2016 and that number is expected to rise to 50 million by the end of this year, according to the China E-Commerce Research Center.



Authorities in China are considering new regulations to curb the cycling chaos—from capping the number of bikes to even barring people they consider too big or too small for bicycles.

With the patience of police and pedestrians wearing thin, some firms have appointed staff to patrol streets.

Wearing armbands or neon vests, they stack bikes onto motorised trolleys to move them to places they are more likely to be used.

But the startups, including leading rivals Mobike and Ofo, may soon



need to comply with stricter regulations.

Beijing plans to limit the total number of shared bikes that can be on the streets. The lively Dongcheng district is aiming to create hundreds of dedicated parking spots that bike rental firms would help manage, according to the state-owned Legal Daily.

The city of Shanghai is considering a more drastic approach to limit their use: Barring people authorities consider either too tall, too short or too overweight to hop on a bike due to fears they may be unstable on vehicles made for the average frame.



Some 30 different providers wrestling for market share in China have placed more than three million bikes on streets around the country, according to state media.



China's Ministry of Transport on Monday released a draft proposal on rules requiring local governments to better manage the booming bikeshare industry.

It calls for the development of dedicated parking zones near major transportation hubs, shopping areas and office blocks, and advises local authorities to make some areas off-limits for bike parking.

It would also forbid children under 12 from riding shared bikes.

Jeffrey Towson, a professor of investing at Peking University, said good rules would "shift responsibility for handling bad behaviour from the police to the bike-sharing companies themselves."

"I doubt the police will continue gathering thousands of bikes and putting them in lots," Towson told AFP.





The city of Shanghai is considering a more drastic approach to limit the chaos caused by bikes: Barring people authorities consider either too tall, too short or overweight for the average bike frame.

Not suitable for children

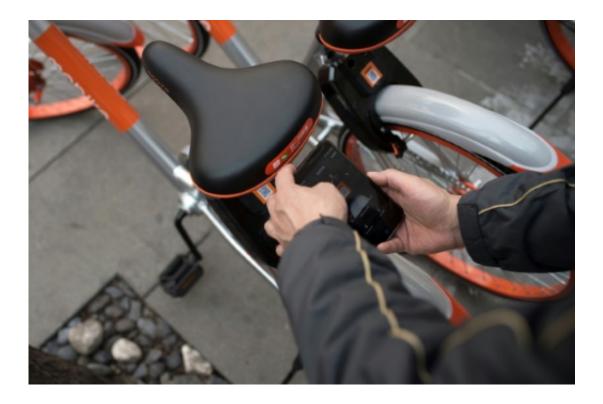
The growing scrutiny partly stems from recent accidents, including the first fatal collision involving a rental bike in March, when an 11-year-old boy died after a bus struck his Ofo bike at a busy Shanghai intersection.

A month later in southern Fuzhou, a car killed a woman with such force that her bike shattered into pieces.

Road laws in China already ban children under age 12 from riding on public roads, but state media reports say children are frequently seen riding the colourful bikes to school.

An Ofo spokeswoman told AFP the company runs campaigns to encourage parents and teachers to keep children off the bikes.





In China's cities the public can simply use their smartphone to unlock and use a shared bicycle on the street and ride it to their desired destination.

Mobike says it requires users to register with an identification document before they can unlock the bikes.

"We were the first in the industry to work with local businesses and regulators to develop specially designated parking spaces for our bikes... We have over 10,000 of these in China now, and will roll out thousands more in the coming months," a Mobike spokeswoman told AFP.

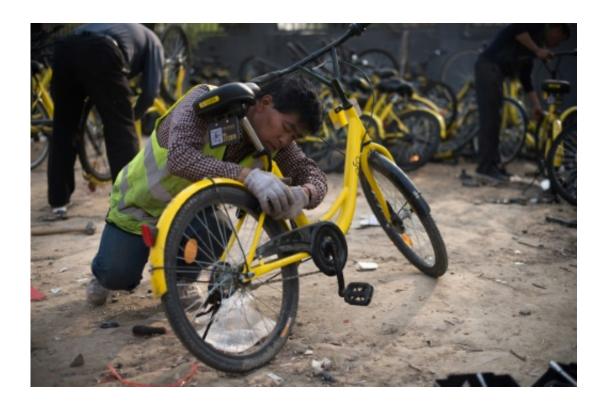
But Zhang Wenzhong, an urban studies expert at the Chinese Academy of Sciences, said companies are not using available technology well enough.

"The government should require all companies to install GPS functions



on bikes in order to meet consumer demands and control random parking, vandalism and theft," Zhang told AFP.

Regulators in Beijing, Chengdu and Hangzhou want GPS to be mandatory.



There were 18.9 million users of shared bicycles nationwide in 2016 and that number is expected to rise to 50 million by the end of this year, according to the China E-Commerce Research Center.

Mobike's GPS-enabled system shows locations of idle bikes. The company has a reward system encouraging users to ride bikes from low-traffic to higher-traffic locations.

This month, Ofo rolled out a similar system.





Soaring numbers of cyclists are causing problems in China's cities because many simply leave the bikes in the middle of sidewalks or abandon them haphazardly on freeways.





Road laws in China already ban children under age 12 from riding on public roads, but state media reports say children are frequently seen riding the colourful bikes to school.

© 2017 AFP

Citation: China scrambles to tame bike chaos (2017, May 23) retrieved 10 April 2024 from https://phys.org/news/2017-05-china-scrambles-bike-chaos.html

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.