rear the great tech armoury of China

The West is falling behind as Beijing champions and invests in innovation at a dizzying pace



with minimum staff hours of 9am to maker Xiaomi, signifies a business learnt at the Beijing smartphone 9pm, six days a week. company, "Nine-nine-six", I not working for a mine-nine-six commuting to the office this f you're reading this while dank Monday, be grateful you're

that makes Facebook Messenger pragmatism in favour of bold the lifestyle startups of Shoreditch or El trillion in payments last year? appointments and reserve flights billion people shop, book hospital locals on WeChat, an app letting a of innovation eastwards. Just watch creative thinking, it's shifting the axis entrepreneurs to abandon copycat rising tendency among Chinese tech Silicon Valley, Combined with a win is not simply a wake-up call to cards when WeChat processed look antiquated. Who needs cash or That palpable determination to

co-founder of bike-sharing company June made me understand how nearest bike) but is working with the just use GPS to find then unlock the the docking-station business model Ofo, which has not only disrupted I spotted Dai Wei, the 26-year-old being paired with creative leadership quickly the relentless work ethic is 'summer Davos" in Dalian, China, in Dutch designer Daan Roosegaarde The World Economic Forum's

met Bill Liu, an electrical engineer millions of bicycles. Moments later to engineer "smog-eating" tech into screens and whose 700 patents cover whose Royole Corporation makes and phones that roll into bracelets. 0.01mm shatterproof folding screens the world's thinnest flexible colour

of Shenzhen and Shanghai. Why? could support local esports stars? play. He set up an esports division to think big from the start. Take why not build stadiums where tans and the company soared to a billion they wanted to watch other people that fans didn't just want to play; Sheng Wu, of the gaming company First, the market size leads founders Beijing and Shanghai," he explained dollar valuation. Then he innovated Hero Entertainment, who realised and when we have ten, we'll create We're building the first two in To see the future, visit the startups

alone ought to worry Western policymakers hinas ambitions in A

market conditions shift. Take competitions between cities." building a £22 billion "smart city" in these days of commodification, it is manufacturer. Unwilling to relax in Hangzhou, using technology to track Wanxiang, the dominant car parts Second, the companies iterate as

> making the traffic flow faster. authority and police. But it's also China's customs and immigration 1.8 billion faces and is working with cameras track individual cars to from 14.2mph to 15.7mph. to green. In Hangzhou, traffic went determine when to switch red lights

superpower". Last week Premier congress last October, he placed national strategy, calling for China to intelligence, quantum computing and advantage in this era of artificial bring vast strategic and military state financing guarantees, and more Li Keqiang promised ambitious become a "science and technology innovation at the heart of his biotechnology. During the 19th party ax-friendly private investment technology innovation programmes, national research labs, science and President Xi knows innovation will

R&D spending grew last year by 14 per cent, to 1.76 trillion yuan backing I7 "mega-projects" seen as access to talent uncertain, Beijing is council set out a vision for China to policymakers. Last summer the state and hypersonic gliders. China's central to economic and military innovation centre" by 2030. become "the world's primary AI AI alone ought to worry Western has said. The country's ambitions in (£200 billion), its science minister growth, including quantum satellites While Brexit makes universities

startups over the West's. Because subsidies, fast-rising government and weak privacy rights favour local R&D funding, flexible regulations indeed deliver moonshots: state Because a centralised strategy can Why should we believe the hype:

entrepreneurs are building dominant drone maker DJI. Because companies businesses, such as the consumer

to Supercell. And because Beijing author of a book on Alibaba. "China businesses over seven years. The espionage against 141 foreign firm Mandiant claimed that a team can play dirty: the US cybersecurity Western tech companies, from Snap Alibaba and Tencent, are investing in linked to the government, such as of the most important technological today is a living laboratory for some Beijing-based adviser-investor and short-sighted," says Duncan Clark new breed of entrepreneurs is Army conducted economic linked to the People's Liberation ninese government rejected this To deny the emergence of a

training, regulatory flexibility, and security and economic costs. The U developments of our time. is already stepping in to block co-ordinated policies that will attrac must prioritise research, education Chinese state-owned asset manager acquirer of which has links to a microchip company, the prospective that of Lattice Semiconductor, a Chinese-backed takeovers such as Otherwise there will be military, international talent and investment If the West is to have a hope, it

cover line declaring: "It's time to copy China." Today I'd upgrade that it's time to fear China. magazine I wrote a mischievous Two years ago when editing Wire

Wired UK David Rowan was founding editor of

Clare Foges is away

algorithms determine access to its offices. It has built a database of

own role. In Shanghai I visited Yitu

Technology, where face-recognition data. Third, the government plays its autonomous cars and learn from the