

10X دبي

WEEKLY SPEED READ

**Vision: Be 10 years
ahead of all other
cities**

May 22, 2017; Volume 9

10X WISDOM



"We have one planet in our solar system that's habitable, and that's the Earth, and space travel can transform things back here for the better. First of all, by just having people go to space and look back on this fragile planet we live on. People have come back transformed and have done fantastic things."

-- Sir Richard Branson

GOVERNMENT HACKS



China

Spending \$500 billion to reshape the world



Toronto

Google to build a smart city downtown. from scratch.



Australia

Harvests power from ocean waves



Singapore

Gets \$150 million boost for AI push



California

To tax rockets by the mile – exactly what companies want



Japan

Takes lead in legitimizing digital currencies

DISRUPTIVE COMPANIES #TAGGED



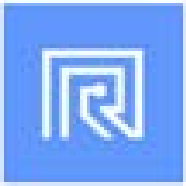
#Amazon

New Seattle offices to include a homeless shelter



#Improbable

Raised \$502 million to create massive virtual worlds



#Root

Lets customers code their own bank account



#SolarGaps

Solar window blinds, ideal for apartment renters



#Galeries Lafayette

Paris shopping/welcome center designed for Asian groups



#Saint Motel

Rock band released first full VR album



#NASA

Air traffic control drones - with an eventual autonomous system

25 Examples of A.I. That Will Seem Normal in 2027

#Sports #Healthcare #Finance #Transportation #Customs



From cooking to dating to art, over the next 10 years, AI will make more progress than in the 50 before it. Countless quickly oncoming applications to business, government, and personal life will soon touch absolutely every aspect of our lives. Here are 25 surprising ways life and society will change.

[>> Read More](#)

Pain point addressed

Making innovations available early throughout the city.

Key insights

AI application highlights: 1) Medical diagnosis 2) Legal advice, especially for public defense 3) Fin-tech solutions 4) International cyber defense and automation of cyber defense 5) Sports training offering corrections to your swing and giving coaches sports strategies 6) Doing your homework 7) Active scheduling 8) Making traffic fun during autonomous road trips 9) Running a business 10) Paying with your face.

Anticipatory Regulation in the Face of Fast-Changing Industries

#Policy #Strategy



How should law cope with fast changing tech and industries? How should they balance the risks that come with new ideas and the risks of crushing them? And how should they help to ensure that the benefits of new tech widely spreads? Geoff Mulgan from Nesta makes suggestions for a new field of 'anticipatory regulation.'

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Pain point addressed

New and more relevant approaches to regulation.

Key insights

Lessons from experiments from various countries: 1) Regulation should be iterative, not definitive. 2) Testing out new ideas in safe environments minimizes risks. 3) Regulators need both tech and business model knowledge. 4) Many challenges come from changing sectoral boundaries. 5) Interact with stakeholders at scale, not just a few big firms. 6) Simplicity is no longer the holy grail. 7) Anticipatory regulation cannot avoid politics.

How to Bring More Artists into City Planning

#City Planning #Art #Innovation #Process



Mary Miss, the first artist-in-residence at NYC's Department of Design and Construction, speaks about how artists are a resource city agencies aren't tapping effectively, especially in areas of sustainability and equity.

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Pain point addressed

Getting creative people onto city planning projects.

Key insights

Artists can call attention to often invisible infrastructure, educating communities and get them to care. The key is to integrate artists early - and get cities to value them. Some pathways include: 1) Artists could be hired as liaisons between a construction project and local residents 2) they could be brought as a member of the design team 3) they could work work with local cultural community organizations.

Explosive Chinese Tourism – and Now their International WeChat Pay

#Tourism #Finance #Retail



Chinese tourists are notorious for explosive buying - from cosmetics to luxury handbags. For Chinese mobile payment companies, this serves as an entry point into overseas markets. This article takes a look at the opportunity for both Chinese tech companies as well as international tourism cities.

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Pain point addressed

Catering to the largest tourist market.

Key insights

China leads the world in outbound tourism for the 5th year (US\$261 billion spent). Now, they can pay with their digital wallet when shopping abroad or check into a hotel with a QR code. E.g., Last week, Alipay opened up its users to 4 million merchants in the US, and seeking similar deals in Europe; and WeChat Pay is partnering with mobile payment platforms, banks, and data providers all over the world.

Bill Gates' Surprising Predictions from Now Until 2035

#Public Safety #Economic Development #Energy #Jobs



Bill Gates has made a career out of predicting what will happen. He correctly predicted the rise of smartphones and social media. A wealth of evidence suggests his latest predictions outlined in this article could be on the right track, too. Here's what he envisions for the future.

>> Read More

Pain point addressed

Staying abreast of future innovative trends and opportunities.

Key insights

Highlights: 1) Bioterrorism (via an airborne pathogen) wipes out 33 million in less than a year. 2) By 2030, the world will discover a clean-energy breakthrough to power our world. 3) By 2035, there could be almost no poor countries. "Countries will learn from their most productive neighbors and benefit from innovations like new vaccines, better seeds, and the digital revolution." 4) Countless jobs will be lost to automation (he proposes a robot tax).

MORE DISRUPTIVE TRIGGERS...



7 Startups That Will Help Shape Tomorrow's Transportation



Want to Raise Healthy Kids? Eat Like Japanese Families Do



Meet the 100 Arab Start-Ups Shaping the Fourth Industrial Revolution



Students Playing More Translates Into Meaningful Knowledge



3 Ways AI Will Advance Media Businesses

Let Artists Help You With Solution Design

You have your idea but you are concerned it may disrupt residents' routines, and therefore may not be adopted to the fullest. Bring on an artist early onto your prototyping/testing team to design project which will address community concerns. Artists bring value through:

- Helping design solutions with effective communication and engagement
- Example of artist-integrated approach to a city water system
- Example of artist led communication of visualized historic flooding patterns



Reference: [NextCity.org](https://www.nextcity.org)



University Research Linked Worlds

Largest AI Incubator Program in Dubai:

Focused on the emerging areas of AI, develop a focused incubator to fast-track ideas into industry application and adoption of AI driven solutions and efficiencies.

Subsidize and link with local University AI research programs.



Become top destination for Chinese

tourists: Some areas to innovate: no visa

required, make WeChat Pay and Alipay acceptable at most merchant stores,

custom welcome centers, tourist packages,

direct flights from more source cities, and

AR-enabled Dubai experiences.



Autonomous air control traffic system:

Adopt a standardized autonomous air control system for drones and flying cars

that doesn't rely on a human system,

enabling startups to provide more services.



Become leader in micro solar solution

adoption: Drive micro solar solution

adoption such as SolarGap blinds for

apartments, office buildings, schools,

homes to become the world leading city in

adoption of micro-solar solutions and

reduce carbon footprint.



"HONEY, I FORGOT MY BAG. DO YOU MIND GOING BACK? IT'S ONLY 22,000 MILES."

ABOUT this *WEEKLY SPEED READ*

- This Weekly Speed Read is to inspire and inform Dubai's 10X teams on latest disruptive developments and enablers from around the world

How satisfied are you with this newsletter?



Extremely Unsatisfied



Unsatisfied



Neutral



Satisfied



Extremely Satisfied

- **Contact:** For any questions or feedback on this newsletter please email: [Dr. Sayd Farook](#)