

10X دبي

**WEEKLY SPEED
READ**

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

April 9, 2017; Volume 3

10X WISDOM



"A lot of times the question is harder than the answer. If you can properly phrase the question, then the answer is the easy part." -- Elon Musk

Why are the rockets so expensive?
(SpaceX)

Why is transferring money so frustration?
(PayPal)

GOVERNMENT HACKS



USA

Brain zapping helps US Navy Seals learn faster



Canada

Giving everyone internet access as a human right



Portugal

"Voodoo Economics" 13 quarters of growth in GDP; budget deficit cut in half



Singapore

Blocks visa for Indian IT talent; focus on hiring local talent instead



USA

Harvard Medical School addresses shortage of doctors and nurses through an online certification program

DISRUPTIVE COMPANIES #TAGGED



#SpaceX

Historic launch of recycled rocket; new goal: 24-hour reflight



#Kaneko

Broke world record for solar panel efficiency - cheaper energy



#Verizon

Launches nationwide IoT network; data plans now low as \$2/month



#Mastercard

Acquires NuData for better IoT cyber security



#Stem

Building the large-scale energy storage of the future

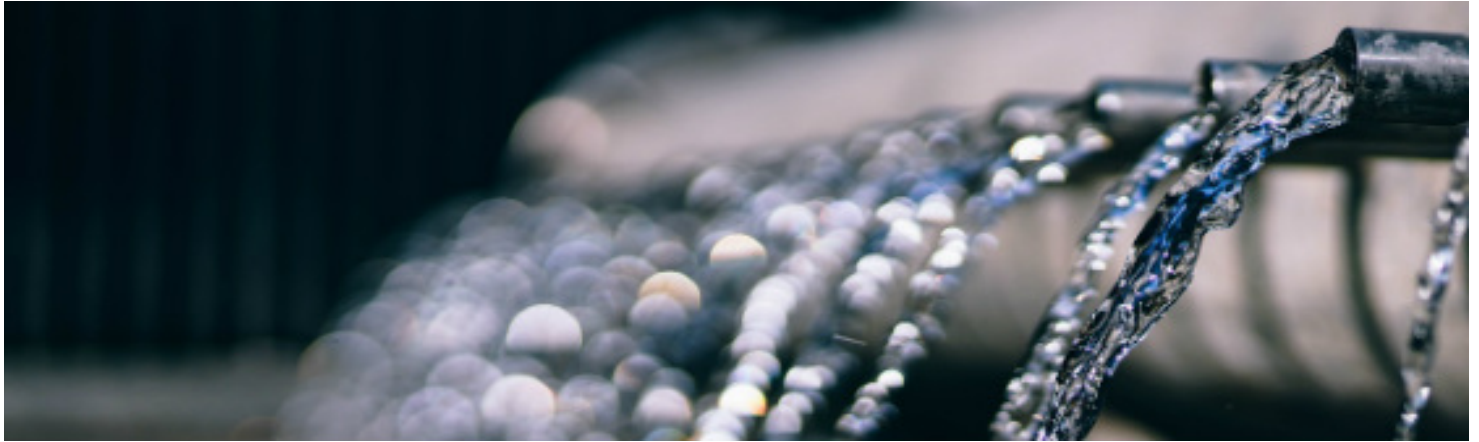


#Qantas

Launches disruptive accelerator to streamline the travel experience

Eliminate Water Waste - How Georgia, USA Is Doing It

[#Water](#) [#SmartCity](#)



Qualcomm Intelligent Solutions, AT&T, CH2M and Gwinnett County Department of Water Resources in Georgia, USA, are collaborating to reduce the amount of drinking water lost on its way to customers. Their smart infrastructure solution is very easy to deploy, providing quick results, serving their citizens better.

[>> Read More](#)

Pain point addressed

Smart ways to lower water bills and predict water leaks

Key insights

In the UAE, water usage is 550 litres/person per day, as compared to a global national average of 250 litres. This US smart initiative is to use IoT solutions to offer customers a look at their water consumption - helping them manage usage and identify leaks in real time. This helps customers save money and conserve water. Eventually it will be used to predict where and when system leaks will occur, significantly reducing water loss.

Chatbots Can Save Billions in Labor Costs for Financial Services

#Financial Services #Workforce #Technology



A report by Business Insider Intelligence suggests that chatbots have the potential to help businesses significantly cut labor costs. While complete automation is not feasible — and in many cases, ineffective — automating customer management and sales positions could considerably benefit.

>> Read More

Pain point addressed

Dramatically cutting costs for financial institutions

Key insights

Financial institutions recognize cost-saving benefits of AI applications in both front-end and back-end applications; chatbots arguably enjoying the most spotlight. The report estimates chatbots could decrease the total salary expenditure on securities, commodities, and financial services representatives in the US by \$15 billion (46% cut). The value in bots can be used in customer service management and in sales representatives.

Civic Crowdfunding Can Change and Sustain Cities

#CitizenEngagement #Crowdfunding #Happiness



The Founder of Spacehive – the world's first city's crowdfunding platform and one of the 2016 Global Urban Innovators – shares his thoughts on how to empower crowds to help develop their cities. Already 10% of municipalities in the UK have embraced civic crowdfunding and more are joining each month.

[>> Read More](#)

Pain point addressed

A new civic engagement model for municipal developments

Key insights

We rely on municipalities or property developers to provide the streets, sports facilities, greenery, and buildings. But now, Spacehive provides an easy platform where ordinary people post an idea, it's verified as viable by experts, it attracts pledges from residents, big brands, and government funds, and then the delivery manager is responsible for making it happen. Communities feel more proud of their areas with this top-down model.

How Can We Regulate the Digital Revolution?

[#Digital](#) [#DataSecurity](#) [#Regulatory](#)



Who is liable for harm caused by the digital platforms that enable new technologies? With so many regulatory questions surfacing as these new business models are launched, Gary Coleman, Senior Client Advisor, Deloitte, shares his insight, highlighting three gray areas: drones, AI, and 3D printing.

>> Read More

Pain point
addressed

Ensuring regulation doesn't slow
down new business models

Key insights

Coleman advises companies to consider working with the public sector and stakeholders to develop flexible, transparent, and participatory regulations. Some business owners are taking a proactive role. E.g. The drone industry is successful in moving EU rules to a risk-based system – allowing for case-by-case basis vs. waiting for a new set of regulations to be written for each scenario.

Economic Resilience: Trade-Offs Between Growth and Economic Fragility

#Economic Development #Resilience



Severe recessions have been frequent among OECD countries over the past four decades. Four OECD economists try to answer the question of which policies enhance economic resilience. They find that most of these policies imply a trade-off between growth and resilience.

>> Read More

Pain point addressed

Policies that are good for both growth and economic resilience

Key insights

Product and labour market policies improve growth but are essentially neutral with regards to economic risks, while policies aimed at better quality institutions increase both growth and economic stability, e.g. having in place a sound legal and judicial infrastructure (i.e. one that guarantees the enforcement of private contracts), provides adequate protection of property rights, and promotes arm's-length transactions.

MORE DISRUPTIVE TRIGGERS...



Are Ports the Next Industry Startups Can Shake Up?



Why More Tech Companies are Hiring People Without Degrees



Heavy Construction Safety & Efficiency Through VR



Meet the Social Entrepreneurs of the Year (Many Partnering with Government)



Scale-Ups - Not Startups - Are the Real Engines of Growth



Lower water bills, while reducing waste:

Allow customers to view their water consumption in real-time, using smart IoT solutions.



Build machines for the robot revolution:

Today, China's winning the robot revolution, but we can complement it with factories that produce the software, sensors, and design for the machines that build the machines.



Crowdfunding platform for municipal

development: Partner with Spacehive to create an easy platform for residents to post, crowdfund, and implement an idea to provide streets, sports facilities, greenery, and buildings in their area.



Digital payments via Whatsapp:

Partner with Whatsapp to allow digital payments service, collaborating with banks for the new offering, like the recent Whatsapp initiative with India.

Teams Solve Problems Faster When They're More Cognitively Diverse



It is said that the more diverse a team is in age, ethnicity, and gender, the more creative and productive they will be. But Harvard Business Review's study found that successful teams have higher cognitive diversity instead.

Cognitive diversity: different modes of thinking and ways to process knowledge when problem solving.

- Check:**
- Prefer to deploy existing knowledge, or generate new knowledge?
 - Prefer your own expertise, or to orchestrate ideas of others?
 - See yourself as a dreamer, a doer, a manager, or something else?

- Tips:**
- X Don't recruit 'like minded' people who think and express themselves in a similar way
 - Encourage people to reveal and deploy their different modes of thinking

Reference: [Harvard Business Review](#)

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

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