

10X دبي

**WEEKLY SPEED
READ**

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

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10X WISDOM



"The day before something is truly a breakthrough, it's a crazy idea. Trying out crazy ideas means bucking expert opinion and taking big risks. It means not being afraid to fail. Because you will fail. The road to bold is paved with failure, and this means having a strategy in place to handle risk and learn from mistakes is critical."

*-- Peter H. Diamandis, **Bold: How to Go Big, Create Wealth and Impact the World***

GOVERNMENT HACKS



China

World's largest floating solar power plant



Singapore

Airport getting its own jungle paradise



Sweden

'Museum of Failure' to celebrate innovation



France

Offering US scientists 4-year grants to move



Singapore

Wants 2600 cybersecurity experts within 10 years



China

Unveils train that runs on virtual tracks

DISRUPTIVE COMPANIES #TAGGED



#ProtectWise

Hollywood designer creates coolest cybersecurity software



#Cluster

VR event hosting platform for 1000 participants



#Axiom Space

First private space station equipped to manufacture



#Tesla

Drivers to be off electric grid over time (solar)



#Nerdalize

Uses heat from data servers to warm household water



#Woebot

A chatbot that can be a therapist (healthcare)



#Intel

Using VR for fully immersive live sports



#University of Nevada

Robot inspects bridges for faults



#2deHands

Emoji-style advertisements, easier product placement with instant messaging

The 25 Most Disruptive Companies of the Year

#Transportation #Space #Education #Farming #Housing



Inc.com produced a list of 25 of the most disruptive companies. To get on the list, founders needed groundbreaking ideas, and ambitious plans for bringing them to market. Finalists included ingenious ways to grow food, develop diamonds in a lab, and much more.

[>> Read More](#)

Pain point addressed

Finding disruptive companies to partner with.

Key insights

Highlights: 1) **AeroFarms**, growing food more sustainably with zero soil and very little water. 2) **Vionx Energy**, figuring out how to store wind and solar energy for 20 years. 3) **Aspiration**, the next big idea in financial services: naming your own price. 4) **Saildrone**, drones in the ocean. 5) **Lemonade**, the insurance company that you may not actually hate. 6) **Twist Bioscience**, selling DNA strands cheaper than ever before.

How Fintech is a Goldmine for Investors

#Investment #Economic Development #Technology



This week at Singularity University's Exponential Finance Summit, Mike Sigal, partner at 500 Startups, gave the audience a snapshot of the current abundance in fintech and a look into how investors and entrepreneurs are viewing the market.

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Pain point addressed

Opportunities for new government investments.

Key insights

As DFSA introduces a new kind of licence to promote fintech innovation and DIFC's fintech accelerator is launched, what type of investments can the city target? VC-backed fintech companies raised \$2.7 billion in the first quarter of 2017 alone. Much can be done in digital products and new smartphone users but the technologies receiving the most seed investments are the ones with the most practical market applications, demonstrating irrational persistence towards solving a problem.

Tech Will Erase Jobs - But Also Make Everything Cheap/Free

#Communication #Entertainment #Energy #Education



At Singularity University's Exponential Finance Summit in New York this week, Peter Diamandis talked about the demonetization of living—in other words, pretty much everything we need and do in our day-to-day lives is becoming radically cheaper, if not free, and technology's making it happen.

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Pain point addressed

How will social classes shift as living becomes cheap/free?

Key insights

Similar to how the smartphone demonetized many industries, here are some examples: 1) Companies want your data so bad that they could give away phones/computers. 2) Ultra cheap electricity. 3) Self-driving cars save you fuel, insurance, parking costs, and with longer commutes, will change the housing market. 4) Little cost for high quality, custom education. 5) Genome sequencing keeping people from getting sick in the first place.

Vertical Ocean Farming Generating Local Foods and Biofuel

#Food #Farming #Energy #Sustainability



GreenWave's vertical ocean farming systems assist ocean farmers in producing healthy and local foods, while capturing carbon and providing biomass to generate biofuel. There is an opportunity to grow food the right way, provide good middle-class jobs, while restoring ecosystems.

>> Read More

Pain point addressed

New ways to produce local food, increasing economic development.

Key insights

Fishery innovations could be part of Dubai's upcoming World Green Economy Summit as well as inspire entrepreneurship. Greenwave created this system for vertical ocean farming, where seaweed, scallops, and mussels grown on floating ropes that are stacked above oyster and clam cages. These vertical gardens are able to grow 10-30 tons of sea vegetables and 250, 000 shellfish on each acre per year.

Imagining the Airport of the Future as a Self-Contained City

#Airport #Retail #Events #Entertainment



As the number of people flying is projected to reach 7.3 billion by 2034, airports/airlines will need to find ways to expand while competing globally. CEO Lionel Ohayon, of studio Icrave that designs airports, shares his vision, believing one of the best ways to do that is to turn them into self-contained cities.

>> Read More

Pain point addressed

Disruptive ideas for new airport/airline revenue.

Key insights

As security becomes seamless due to the rise of biometrics (e.g. at Dubai International Airport by 2020), people would wait for their flight in a fundamentally different way. Some ideas include: Picking up groceries after a red-eye, getting married there, dropping off your pet before traveling, skating, watching a movie, or going in a VR arcade, attending a concert or conference, using a coworking space, shopping while your bags are delivered to your home.

MORE DISRUPTIVE TRIGGERS...



AT Kearney Report: These are Set to be the Cities of the Future



20 Out-Of-This-World Companies Working On Space Travel Technologies



Building a Sustainable Highway of the Future



How Seattle Became a World Leader in Global Health



Terrorists Are Using Social Media for Recruitment. Here's How To Stop Them

Learning from Companies on How to Test Out New Ideas



1. **Count the clicks** for ads of new ideas and see the most popular bubble to the top.
2. **Create a beta version website** early on and count how many people are willing to sign up.
3. **Share a one-page plan.** Keep it short so you get feedback.
4. **Good data is priceless.** A small sample size early often is better than an exhaustive report.
5. **Study others** who are doing the same, and let them do the hard parts.

Reference: [Inc Arabia](#)



Economic development through ocean farming: Producing more local food and creating new middle-class jobs through ocean farming (vertical farming in the ocean producing seafood and sea vegetables).



Demonetizing and shifting business models: As highlighted at Singularity University's Summit, evaluate ways in which current services are offered for free or very cheap while shifting the business model to other value sources to enable wider service reach across social classes.

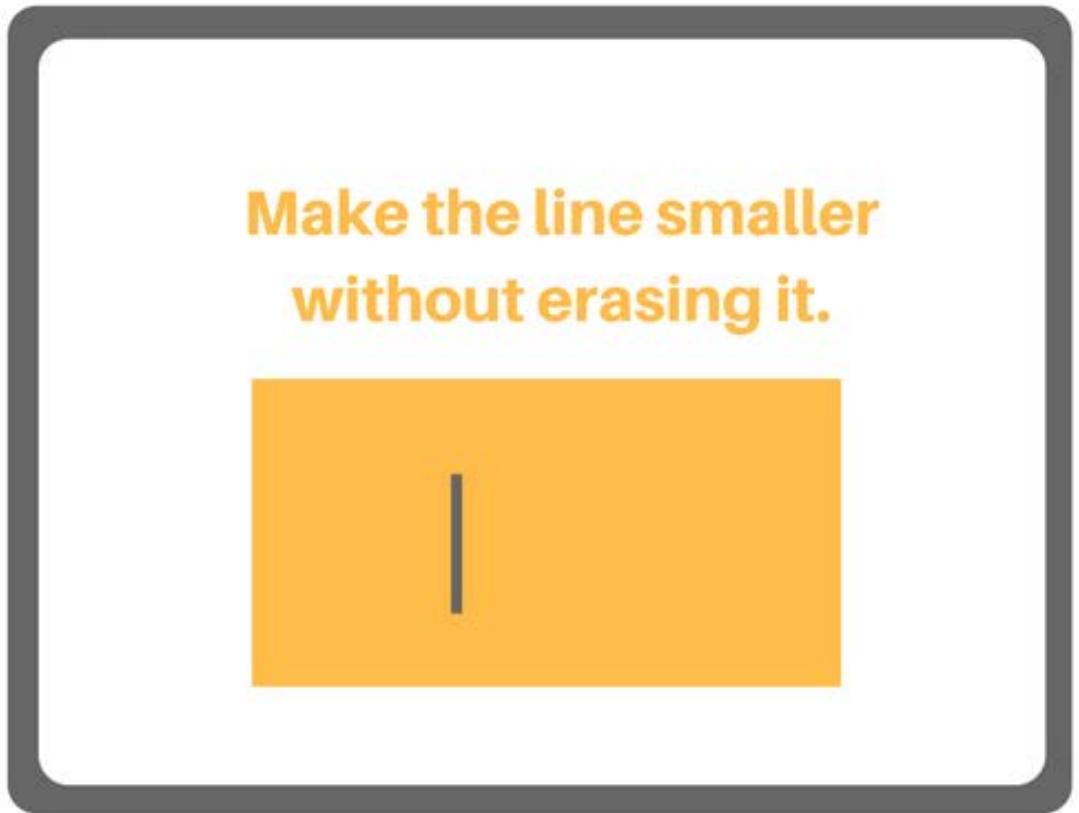


Disrupt global conference formats: Develop VR experience based high profile Summits/ conferences for an immersive learning and networking experience to disrupt the conference/ MICE industry.



Airports as channel for innovative services: As people wait for their flight in a fundamentally different way (due to fast security), offer new avenues of growth, e.g. picking up your groceries, dropping off your pet, getting married, attending a concert, skating or, visiting a VR arcade.

LATERAL THINKIN'
helps build the innovative mindset



Source

Solution

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