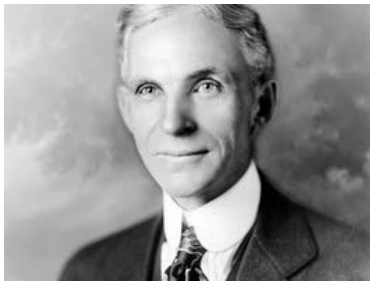


10X دبي

**WEEKLY SPEED
READ**

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

May 29, 2017; Volume 10



“Thinking always ahead, thinking always of trying to do more, brings a state of mind in which nothing is impossible. The moment one gets into the 'expert' state of mind a great number of things become impossible.”

-- Henry Ford, automobile pioneer

GOVERNMENT HACKS



Singapore

To lower utility bills with blockchain



Tel Aviv

Testing wireless charging roads for electric vehicles



India

Property tech is disrupting India's property market



EU

Police forces trialing AI detectives



China

Claims energy breakthrough with 'flammable ice'



New Zealand

Opens Innovation Institute in China as strategy

DISRUPTIVE COMPANIES #TAGGED



#Suleiman Bakhit

Fighting ISIS with comic books



#Norwegian billionaire

World's largest yacht to scoop up 5 tons of plastic/day

Invertex

#Invertex

3D foot scanner for shoe shopping by fashion tech company



#Baidu

Uses AI to help abducted child find family



#zSpace

Future of education in a AR tablet



#SoFi

Relationship-banking: 'banking model' of the future



#Google

Set Google as your default financial institution



#Ford

Health checkup, for heart and glucose, while driving



#Volvo

Autonomous dump trucks coming to your street soon

Why Disruptive Innovation Requires Looking Beyond the Experts

#Process #Human Resources #Innovation Mindset



In a rather perverse twist, experts are generally disincentivized from promoting disruptive ideas, as it will make them a 'has been' in their field. Peter Diamandis of Singularity University and Joshua Krook at the WEF speak on how innovative ideas tend to come, not from specialized experts, but from generalists.

>> Read More

Pain point addressed

The right team members for disruptive innovation.

Key insights

In today's economy, education is focused almost entirely on producing a specialized workforce. Therefore, the less we see how our industry relates to others, the less we invent to fit the gap. New research suggests the usefulness of having generalists on innovation teams, because breakthroughs happen when combining ideas together. The author suggests our system should move toward rewarding inventiveness over certifications.

We Need to Design Cities like Animal Experts Design Zoos

#Health #Transport #Art #Real Estate #City Planning



A key challenge is how our cities should be shaped to support healthier behaviors. New research led by Lancaster University, "Design for Health", suggests that buildings, cities, urban spaces, and transport is closely linked to the lifestyles we adopt. This article looks at the zoo model design as inspiration.

>> Read More

Pain point addressed

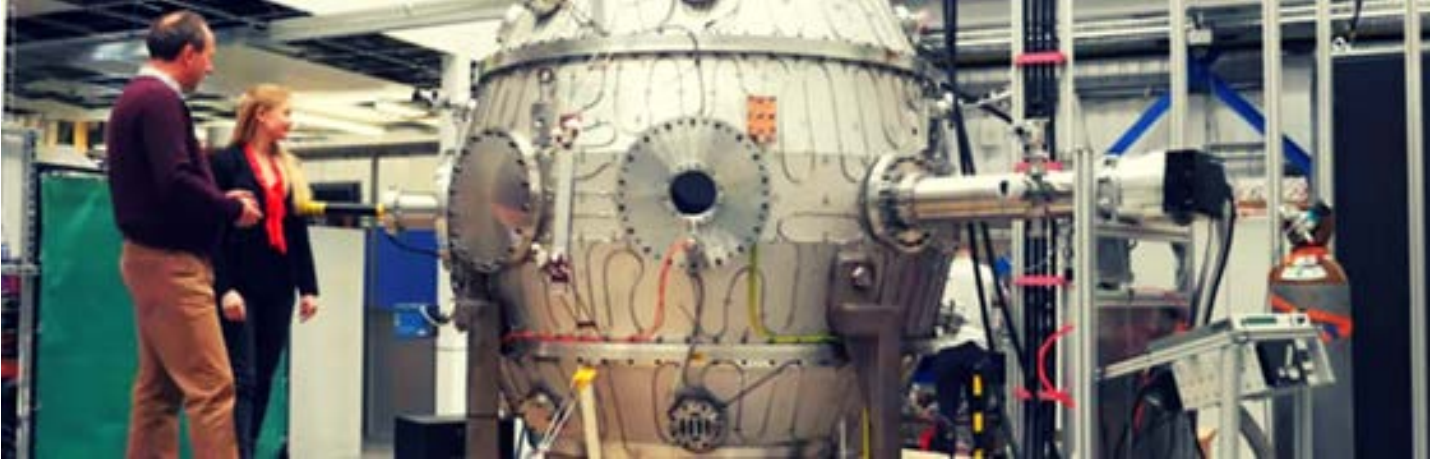
Shaping cities to support healthier behaviors.

Key insights

In the zoo model, zoologists, biologists, animal psychologists, nutritionists, and architects work closely together to design an environment that fully supports the animals' physical, psychological and social well-being. Ironically, we don't make the same demands for city planning. We can also embrace playfulness to enjoy the place we live in (e.g., Sweden's piano stairs at the metro; Netherland's street furniture).

Two Potential Energy Sources Powering the World for Tomorrow

#Energy



In this article, we look at two promising energy breakthroughs: nuclear fusion by UK's Tokamak Energy, and hydrogen-splitting by US' physicists at the University of Houston - a cheap, efficient, and easily available form to become the world's cleanest energy source.

[>> Read More](#)

Pain point addressed

Discovering the energy source of tomorrow.

Key insights

With Tokamak's recent fusion reactor achieving its first plasma, they believe they are on track to expect commercially available nuclear fusion energy in years (2030), not decades - a potentially limitless supply of clean energy without producing dirty waste or significant carbon emissions. On the other hand, hydrogen energy, is cheap, stored easily, eliminates carbon footprint - a potentially green energy source for tomorrow.

How to Stay Innovative Amid the Fastest Pace of Change

#Business Model #Human Resources



Everything is changing again, but this time, faster. Traditional business models aren't yielding the same results. Geoff Tuff, Deloitte's Digital Transformation Leader, gives advice at the Exponential Manufacturing Summit in Boston on how companies can adapt to new models for innovation and growth.

>> Read More

Pain point addressed

Organizations can't keep up with rapid speed of change.

Key insights

Tuff recommends: 1) Divide the organization into knowable opportunities (which can be planned for) and unknown opportunities (to discover by a new team, metrics, and mechanisms). Counter-intuitively, the new team should focus putting human behavior first - and technology second- by changing outcomes in their own operations, to downstreaming customers, or even to the customer's customers (examples in the article).

What We Can Learn from Japans Innovation Legacy

#Public-Private Relationship #Innovation Hubs



Paris Norriss, an entrepreneur and partner in Coba Education, shares his thoughts on lessons the Middle East can take from Japan's innovative landscape - a culture of innovation that was bursting with new inventions from robot pets to high-speed bullet trains since 1999.

>> Read More

Pain point addressed

Learning from past innovative hub leaders.

Key insights

Japan adopted many incredible components. 1) A culture of critical thinking, rewarding of questioning and creative reasoning, even if it challenges the status quo. 2) Almost anything could make it to the marketplace, with low barriers to entry. From these, Norriss believes in radical thinking in the following, to foster private sector innovation: business license fees, support for local supplier needs, risk failure, R&D projects, and intellectual property.

MORE DISRUPTIVE TRIGGERS...



Microsoft Pushes a 'Geneva Convention' to Thwart Cyber Attacks



Want to Go to Mars? First, We Need a Petrol Station on the Moon



Robot-Human Workers Have Arrived, Good for Dangerous Jobs



EU Launches a Digital Social Innovation Toolkit



A Glimpse Into the Future: Quantum Computing, Energy and Health

Lessons from an Accelerator to Foster Disruption Culture

6 Practical Lessons from Hong Kong based icstudio.io (startup incubator) and betatron.co (startup accelerator)



1. Invest in lead mentors to provide hands-on help, guidance, constructive criticism.
2. Deciding on your accelerator's niche is crucial (e.g. startups with certain attributes).
3. A strong community of successful entrepreneurs, industry-specific experts.
4. Focus on the long-term - beyond the 4-month program.
5. To build accountability, ensure startups meet with their lead mentors once/week.
6. Once a week social nights for team-spirit and inspiration.

LATERAL THINKIN'

helps build the innovative mindset



Three of the glasses are filled with cool drink; the other three are empty. By moving only one glass, can you arrange them so the full and empty glasses alternate?



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