



Published by Emergent Futures Pty Ltd

## November 2011

### Welcome to the end of November edition of What's Emerging

We are happy to report that Paul's injuries are progressing well and that he has been cleared to start weight bearing exercises and can make a partial return to work. He will not be fully back at work until towards the end of January although he is facilitating a workshop in Sydney in the second week of December and presenting on the future of Parliament in the middle of January.

We will only have one more edition of the newsletter which will come out the week commencing the 12th of December. Then we will resume sending the newsletter out in the middle of January with our special edition which will concentrate on forecasts.

We hope that you continue to find the newsletter both interesting and useful.

Cheers

Paul Higgins, Sandy Teagle, Kim Stewart, Smitha, Syed Muqthar, and Samantha Kyle-Little

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### ■ What we are writing about

Due to Paul being off due to his injuries the presentation and articles have reduced down so we have nothing of our own writing to contribute this month. We will have a couple of book reviews for the last edition of the year in a couple of weeks time.

Meanwhile we came across this very interesting webinar from Harvard Business Review on Mastering the Five Skills of Disruptive Innovators. This is headlined by Clayton Christensen who is famous for writing the Innovators Dilemma.

The webinar lasts for about an hour but if you are concerned about disruptive innovation affecting you or your organisation it is well worth listening to.

You can access the webinar at <http://stream.krm.com/Mediasite5/Viewer/?peid=f98c583cf2bb4e51a50fc51f0776110d>

### ■ Business Tips

10 Best practice tips for FaceBook page content publishing

Today by giving your fans or opponents access to a FaceBook page, blog comment box or a Twitter account, you can be praised or heckled in a matter of seconds. [Read More...](#)

Wired.com goes creative commons: 50 Great images that are now yours

All Wired.com staff-produced photos are being released under a Creative Commons (CC BY-NC) license and making them available in high-res format on a newly launched public Flickr stream. [Read More...](#)

## Cube laser virtual keyboard for iPad & iPhone

An amazing glimpse of this promised future has just arrived at ThinkGeek in the form of the Cube Laser Virtual Keyboard. This tiny device laser-projects a keyboard on any flat surface... you can then type away accompanied by simulated key click sounds. [Read More...](#)

## Must-have mobile apps for smart workers

We live in an increasingly mobile world in which work is no longer limited to one's office and employees work on-the-go more often than not. As such, ZDNet Asia has compiled a selection of useful mobile apps handy to boost one's productivity and efficiency. [Read More...](#)



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# What's Emerging

This is a military perspective on adaptation and sustainability. Fantastic, fast-paced talk.

Naval Captain Wayne Porter and Col. Mark Mykleby of the Marines, military strategists working at the highest level of government, present highlights from their paper, "A National Strategic Narrative." Their ideas—less military force, more social capital and more sustainable practices in energy and agriculture—have caused a recent stir in policy communities. [Read More...](#)

## \$1,000 Genome in two hours by 2012, says CEO of Ion Torrent

The first human genome cost \$3 billion to complete; now we can sequence the entire population of Chicago for the same price. [Read More...](#)

## IEA Outlook: Time running out on climate change

The power plants, buildings, and factories being built worldwide today are based largely on burning fossil fuels such as coal. Here, laborers in China look for usable coal at a cinder dump site. [Read More...](#)

## The coming age of water scarcity?

First the economy comes for your coffee, then it takes your water: Due to rising population, coupled with increasing demands by the agriculture and energy industries (often referred to as the water-food-energy nexus), global demand for clean water will outstrip supply by an average of 40 percent by 2030. [Read More...](#)

## Rolling out the instant office

Why maintain empty cubicles? Companies are gaining flexibility with on-demand office space. Working anywhere but work is causing a vast emptying out in corporate-land. About 60% of the office space that companies pay so dearly for is now a dead zone of darkened doorways and wasting cubes. [Read More...](#)

## Adidas' smart new iOS-connected Football boot with a brain'

Adidas finally launched a project that had been years in development; SPEED\_CELL. Tailored specifically to football (the soccer variety), and with backing from players Lionel Messi, Dani Alves and Gareth Bale, Adidas looks to bring professional-grade fitness analytics to the general football-playing consumer, helping them adapt and improve their game by better understanding how their fitness impacts it. [Read More...](#)

## The future of digital money.

By 2016, it's thought that UK mobile retail sales will hit £2.5bn. PayPal currently has over 14m active UK accounts, over a million of which have been used to send a mobile payment." [Read More...](#)

## More smartphones now sold in China than in U.S. — Mobile technology news

Smartphone adoption may be high in the U.S. but overall smartphone sales are highest in China. A new research note published by Strategy Analytics on Wednesday estimates that 23.9 million smartphones shipped in China during the third quarter of 2011. That figure is slightly above the 23.3 million smartphones shipped in the U.S. [Read More...](#)

## Engineers take first step towards augmented-reality contact lenses

A team of micro-engineers has made the first stride towards projecting augmented-reality vision in front of the human eye. They've created a computerized contact lens that can display a

single pixel. [Read More...](#)

10 billion bits of data per second

A new nanoscale light-based device is able to transmit data at an ultrafast rate while using thousands of times less energy than current technologies. [Read More...](#)

Samsung's tablet computer

The multi-touch technology that Apple pioneered with its iPhone is now everywhere in the modern world - but Microsoft is about to pump up the technology to a new level. The next generation of its 'Surface' table is a 40-inch touch screen that can feel 50 'touches' at once - and can also 'feel' pens, pointers or anything else placed on the table. Screens on gizmos such as iPhone can only feel fingers. [Read More...](#)

Face recognition makes the leap from sci-fi

FACIAL recognition technology is a staple of sci-fi thrillers like "Minority Report." SceneTap, a new app for smart phones, uses cameras with facial detection software to scout bar scenes. [Read More...](#)

55 Jobs of the future

As a rule of thumb, 60% of the jobs 10 years from now haven't been invented yet. [Read More...](#)

Making cement the way coral does it: Out of thin air

The creation of cement is an incredibly polluting process, but Stanford scientist Bret Constanz has found a way to mimic the way coral works, by creating cement from CO2 and water. [Read More...](#)

Moverio: Epson announces world's first see-through 3D head-mounted display

Epson Japan announced [JP] the so-called Moverio today, a see-through 3D head-mounted display (HMD), which is the first of its kind, according to the company. Think of it as mix between of NEC's transparent HMD Tele Scouter and Sony's cool 3D OLED head mounted display HMZ-T1, powered by Android OS. [Read More...](#)



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