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## End-June 2017

### Welcome to the End of June 2017 Edition of What's Emerging

Welcome to our end of June edition of our newsletter.

Paul has combined with Chris Rice of the University of Texas Austin to recommence writing a book on the rise of autonomous vehicles. The book is entitled "Rise of the Autobots – How driverless vehicles will transform our societies and our economies. Paul has committed to "writing at least 2 crappy pages a day" with the aim of getting a draft on to a collaborative writing and publishing platform by September. We will tell you when that is available but meanwhile there will be excerpts and extra pieces published at Paul's Blog . Follow that blog if you are interested in being notified of updates.

We hope that you continue to find the newsletter interesting.

Cheers,

Paul Higgins, Sandy Teagle, Ranjitha and Samantha Kyle-Little

### What are we writing about?

Paul's latest blog post is the first in a series relating the driverless vehicles as Chris Rice and Paul write their book [Re-Purposed Electric Car Batteries and Its Effects on Electric Car Adoption/Driverless Car Adoption](#). While driverless cars may be a way out yet using ex electric car batteries for energy storage solutions is here now.

### Business Tips

Do more with Evernote

Long-time followers will know we are big fans of Evernote. This is a guide from IFTTT (If this then that) on how to automate some processes using applets [Read More...](#)

Make two lists

Great short post by Seth Godin about how to create momentum for yourself by reminding yourself of a few short things every day [Read More...](#)

400 Awesome Free Resources You Can Use To Grow Your Business

The title says it all. [Read More...](#)

[↑ Top of the page](#)

#### SECTIONS

[What we are writing about](#)

[Business Tips](#)

[What's Emerging](#)

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## ■ In case you missed it: Most popular links from the Last Edition

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## ■ What's Emerging

### Labour Party Membership Soars By 35,000 In Just Four Days - After 'Corbyn Surge' In 2017 General Election

Labour's party membership has soared by more than 35,000 in just four days since Jeremy Corbyn's "surge" in the general election, HuffPost UK can reveal. There is something going on here that connects to what has happened in the USA for example. Are people finally reconnecting to politics when it is presented in a way that makes sense to their lives?

[Read More...](#)

### Drone Journey To The Center Of The Earth

Over the weekend of May 20th to 21st Flyability took part in an expedition that marks a new milestone in cave exploration. [Read More...](#)

### American Health Care Tragedies Are Taking Over Crowdfunding

Sites such as GoFundMe and YouCaring are poised for a wave of medical appeals if Trumpcare leaves millions uninsured, and even if it doesn't. From Australia this makes little or no sense. The fact that the USA cannot see its way clear to universal health care when all the evidence around the world points to better outcomes for less cost. [Read More...](#)

### The Grocery Store Of The Future Is Mobile, Self-Driving, And Run By AI

Can the Moby store bring locally controlled convenience stores to places that lack a simple place to buy essentials? Lots happening in the retail space right now , including the Amazon purchase of Whole Foods. If you are in any way in the retail business or supply chain to retail we suggest you also go and read: [AMAZON'S NEW CUSTOMER](#) [Read More...](#)

### Data-Mining 100 Million Instagram Photos Reveals Global Clothing Patterns

The millions of photos uploaded to social media are a massive untapped resource for studying humanity. But machine learning is beginning to tap this mother lode. [Read More...](#)

### Chinese scientists use satellite to smash quantum entanglement distance record

Scientists have used satellite technology for the first time to generate and transmit entangled photons — particles of light — across a record distance of 1,200 kilometres on Earth. It is a weird and wonderful world we live in. [Read More...](#)

### New Company Will Use Drones, Crawling Robots, AI And Predictive Analytics To Inspect Hard-To-Reach Places

Routine inspections at oil and gas facilities can be slow and costly. They're also dangerous — flare stacks at petroleum refineries can be heated in the hundreds of degrees, and have to cool before inspectors can begin the treacherous climb to check them out. A major use case for robots and drones. [Read More...](#)

### Wind and solar in March accounted for 10% of U.S. electricity generation for first time

For the first time, monthly electricity generation from wind and solar (including utility-scale plants and small-scale systems) exceeded 10% of total electricity generation in the United States, based on March data in EIA's Electric Power Monthly. [Read More...](#)

### This robot-powered restaurant is one step closer to putting fast-food workers out of a job

A secretive robotics startup has raised a new round of venture funding as part of its quest to replace humans with robots in the kitchens of fast-food restaurants. One of our followers on Twitter criticised this when we posted it for understandable reasons – that gfood needs to get back to its social roots, not further way from them. Reality is: [McDonalds Is Replacing 2,500 Human Cashiers With Digital Kiosks: Here Is Its Math](#) [Read More...](#)

## NASA's Kepler discovers 10 new Earth-sized, potentially habitable planets

NASA's planet-hunting telescope has found 10 new planets outside our solar system that are likely the right size and temperature to potentially have life on them. [Read More...](#)

## The world's biggest coal company just shut down 37 mines because they are not economically viable anymore

Plummeting price of renewable energy puts pressure on fossil fuel firms. Yet here in Australia we are debating allowing an Indian company to build a new coal mine as as reader and follower John Cleary put it: And Turnbull Govt using the Australian taxpayers as a 'lender of last resort' for a \$1,000,000,000 loan to a private foreign company" (possibly) [Read More...](#)

## MIT team shows off a new approach to flying cars—drones that drive

When it comes to drones, they are usually built for one mode of transportation: flying or driving. This mono-modality means drones aren't as efficient as can be at navigating areas like cities where certain areas may be no-fly zones and other areas may have natural or artificial land barriers preventing a drone from driving through it, reports MIT News. Flying is much heavier on the batteries, so if they can drive part of the way they get much better range.

[Read More...](#)

## Ikea to be Apple launch partner for AR, showing virtual furniture in your own home

Tim Cook said in a recent interview that he was so excited about augmented reality that he wanted 'to yell out and scream.' He named furniture-buying as an example of something that can be completely changed by the use of AR, and gave a specific shout-out to Ikea – a company also briefly referenced in the iOS 11 keynote. AR is likely to have more and more adoption in retail, training, and gaming. [Read More...](#)

## Climate change in drones' sights with ambitious plan to remotely plant nearly 100,000 trees a day

An Australian engineer is hoping to use drones to plant 1 billion trees every year to fight an unfolding global catastrophe. An ambitious plan. [Read More...](#)

## Finland is testing universal basic income - and found it has had an unexpected side effect

Finland has been giving 2,000 of its citizens an unconditional income for the last five months and some are already seeing the benefits, reporting decreased stress, greater incentives to find work and more time to pursue business ideas. This may seem counterintuitive but that is the reason we test ideas, to look for evidence not dismiss them on an ideological basis. [Read More...](#)

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