

## Sunday News No. 76

January 5th, 2020

[What Happened In The 2010s](#) and [What Will Happen In The 2020s](#) by Fred Wilson are worth reading. I agree, in general, but I am adding three “personal” points to the 2020’s forecast:

- Spatial Computing (AR/VR/AI) and low cost and energy consuming sensors will enable a new Internet of Everything (IoE). IoE will bridge (finally) the Real and Data Worlds. AR glasses launches, by Apple and others, will be decisive inflection points;
- 5G will enable new forms of work and play by significantly reducing latency. “Virtual teleporting” will create new productivity and entertainment platforms;
- Broader mobility platforms combining mass transit, regular and micro-vehicles, and virtual teleporting will be a transformative contribution in the climate change arena.

Sunday News is a selection of about 20% of the links posted daily by the [Explora community](#). I can add you if you want (need to have a Facebook account). Newcomers can check previous Sunday News editions at [Explora live](#). They can also access Sunday News First Year Highlights [here](#) (published on July 28<sup>th</sup>, 2019).

Have a Great Sunday and a Fantastic 2020!

Antonio Camara

### Education



[Building with Bio in “How to grow \(almost\) anything”](#). See also [“The engineering of living organisms could soon start changing everything”](#)

[Don’t learn to code-learn to automate](#)

[Play this bingo game with your kids \(9-14\) to teach them about AI](#)

[An Agenda for the 2020s: inventing the Knowledge Age](#). Climate crisis, democracy, Universal Basic Income, foster decentralization, develop mindfulness, resume learning

### Food

[Health biomarkers in adults are more closely linked to diet quality attributes than to plant-based diet categorization](#)

[These are 10 food trends Whole Foods says you'll eat up in 2020](#)

## **Mobility**

[Elon Musk dismisses induced demand, a phenomenon first witnessed in 1866](#)

[How local and regional transit authorities are embracing MaaS: a global review](#)

[Evolution of personal transport 1920-2020 and 15 innovative personal mobility vehicles and urban transports 2019-2020](#), via César Barbosa

[Ninebot debuts its new self-driving KickScooter T60](#)

[Uniti One electric car available to order online from £15,100](#). It is set to land in UK and Sweden by mid-2020

[Electric cars threaten the heart of Germany's economy](#)

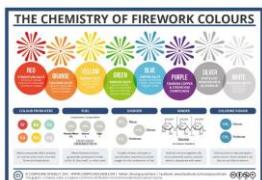
## **Cities, Nature and Clean Tech**

[How Vienna produced ideas that shaped the West](#). The city of the XX century

[A decade of urban transformation, seen from above](#). From [Descartes Labs](#) to NYT. Descartes Labs is an example of a new breed of companies of what is called [Geospatial 2.0](#)

[Timelapse maps: an overview of our changing planet](#)

[Humans just 0.01% of all life but have destroyed 83% of wild mammals – study](#)  
(1 year old but relevant)



[Firework pollution](#)

[This map shows how climate change will change your city](#)

## **Developing new companies**

I'm pretty sure it's a law of physics that all issues can be explained in three bullet points.

@benedictevans

-what; how; why

Or:

- clickbait; rational sounding statistic; disclaimer

@sd\_so replying to @benedictevans

[What investors look for in a prototype?](#)

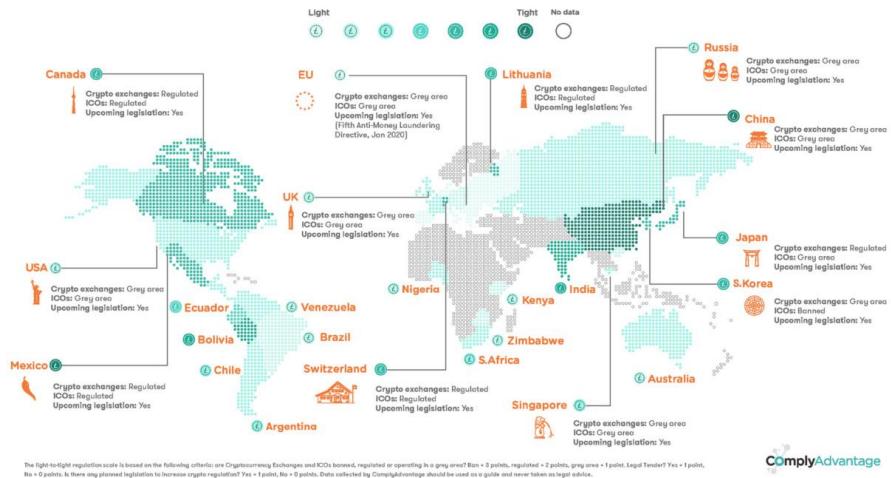
[On product management](#). Interesting thread by Jason Evanish, CEO at GetLighthouse

## [Our top 10 podcasts of 2019](#) by a16z

## [How crypto and decentralization will affect the Big Four](#) (Google, Amazon, Facebook, Apple)

### Crypto Regulations by Country

How do different countries around the world approach crypto-regulations?



<https://www.visualcapitalist.com/mapped-cryptocurrency-regulations-around-the-world/>

Portugal's startup scene: ["Unicórnios, rondas e exits: as startups portuguesas que vão marcar 2020"](#); and ["Why startups are relocating to Lisbon and what they're finding behind the hype"](#).

### AR/VR/AI/Quantum Computing (DARQ)/IoT

["Ynvisible](#) kicks off 2020 with a bang! Catch us at these amazing events in January: #CES2020 in Las Vegas, Emerging Technologies 2020 in Shanghai, New York Retail Innovation Week #NYRIW Demo Day in NYC, and Prinse'20 in Oulu. More information here <http://ow.ly/PvZY50xMMAI>"

[Reality check: looking back at AR in 2019. What's next for consumer AR in 2020.](#) NReal glasses, 5G...

[AR will spark the next Big Tech platform—call it Mirrorworld](#)

[Facebook's Chief Scientist: mass adoption of AR is years away.](#) This is an excellent interview presenting the hardware challenges and the promise of AR glasses

[From Apple to OSRAM; From Displays to Devices: a Pre-CES Year-End Review of Smart Glasses.](#) An even deeper dive into smart glasses focusing on the forthcoming (2023) Apple glasses.

Beginner guides: [The beginner's guide to VR](#); and [The beginner's guide to ML](#)



Figure 7: Underwater target detection results before and after enhancement. (A) Real-world underwater images and (B) output of the model for the real-world images. Red boxes represent scallops, blue boxes represent sea cucumbers, and green boxes represent sea urchins.

[Researchers detail AI that de-hazes and colorizes underwater photos](#)

Mind control for the masses, no implants needed

20 predictions about software development trends in 2020. “Cloud, Container, Programming, Database, Deep Learning, Software Architecture, Web, App, Batch, Streaming, Data Lake, Byte Code, No Code”

**Far out**

Best of 2019: The best movies, books, music and video games of the year

Imagining our future through tech



Italian artist creates glass tables that look like jellyfish tentacles



This wearable vest grows a self-sustaining garden watered by your own urine. Another sign that the apocalypse is upon us

Researchers produce first laser ultrasound images of humans. “Technique may help remotely image and assess health of infants, burn victims, and accident survivors in hard-to-reach places”

Laser-shooting planes uncover the horror and humanity of World War I

The Netherlands doesn't want you to call it Holland anymore

Who are the biggest bullshitters? “North Americans seem most prone to shameless bluffing”



Blade Runner artist Syd Mead 1933-2019: a legend departs