

## 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:

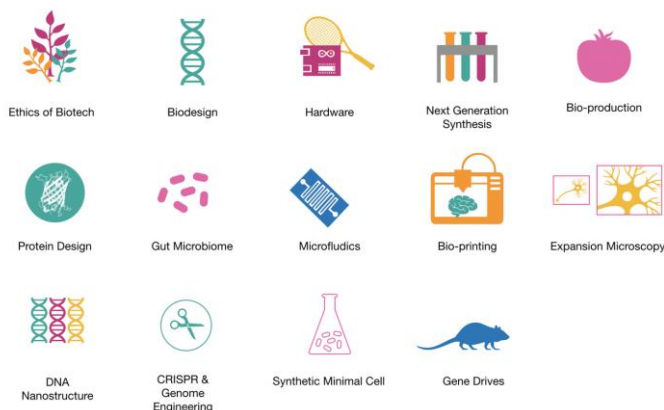
- Spatial Computing (AR/VR/AI) and low cost and energy consuming sensors will enable a new Internet of Everything (IoE). IoE will bridge (finally) the Real and Data Worlds. AR glasses launches, by Apple and others, will be decisive inflection points;
- 5G will enable new forms of work and play by significantly 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](#)

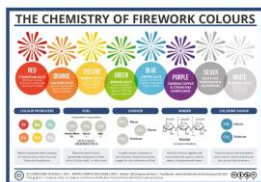
## **Cities, Nature and Clean Tech**

[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?](#)

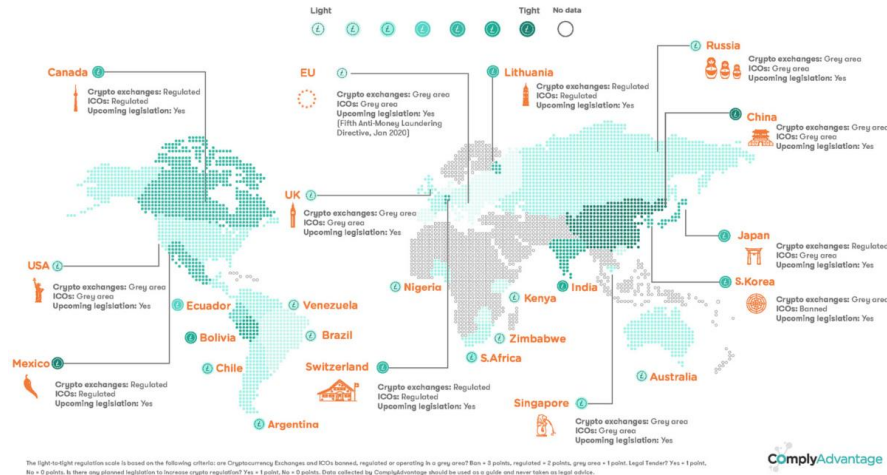
[On product management](#). Interesting thread by Jason Evanish, CEO at GetLighthouse

[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 our model for the real-world image. 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”

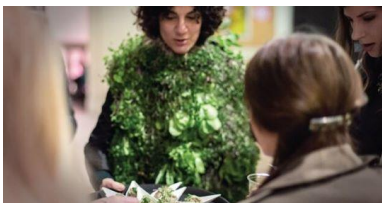
**Far out**

[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