

## Sunday News No. 102

July 5th, 2020

Systems thinking is suddenly heralded as a key to revolutionize [biology](#), [our food systems](#), [design](#), [business model mapping](#), [product development](#), and, appropriately, almost any other system.

There are many fathers and mothers of system thinking, but Donella (Dana) Meadows is widely acknowledged as the godmother. Her book [Thinking in Systems](#) (the result of a great editing job by Diana Wright) is regarded as a “bible”.

Systems thinking and Dana, in particular, suffered from the mostly ideological backlash of [Limits to Growth](#) (1972). It is rewarding to see that great thinking and kindness (there was no better person than Dana) triumph at last.

Dana had a profound influence in my life. She also helped many students of mine that later became internationally known researchers in environmental sciences and engineering.

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](#).

Antonio Camara

### Education and Science

Richard Feynman

“You cannot get educated by this self-propagating system in which people study to pass exams, and teach others to pass exams, but nobody knows anything. You learn something by doing it yourself, by asking questions, by thinking, and by experimenting”.

[Four tools that help researchers working in collaborations to see the big picture](#)

[ERC panel structure 2020-21](#): a taxonomy of science

[Organizing a virtual conference changed the way we think about academic exchange](#)

[Second Chance Studios](#)

### Food



[These plant-based steaks come out of a 3D printer](#)

[Our ghost kitchen future](#)

### Health

[COVID-19 research brief December 2019-June 2020](#)

[How is the vaccine for COVID-19 looking?](#)

[The tricky math of herd immunity for COVID-19](#)

[A guide to R](#)

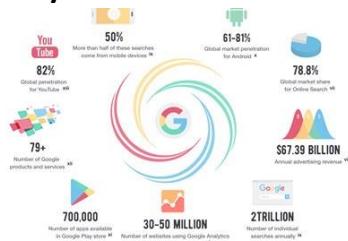
[Coronavirus: testing sewage an easy win](#)

[The new corporate swag: branded masks, sanitizer spray bottles and Zoom vanity light rings](#)

**Sports**

[Do empty stadiums affect outcomes? The data says yes](#)

**Mobility**



[How Google tracks you](#)

[Rethinking maps for self-driving](#)

[The fast and furious art of the car chase](#)

**Cities, Nature and Clean Tech**

[Imagine Boston 2030](#)

[A new approach to design smart cities: recipes, not blueprints](#)

[Design hacks will dominate the Coronavirus recovery landscape](#)

[How the world's beaches are readying for a Summer of social distancing](#)

[How snakes fly?](#)

[Scientists propose a new name for Nature in the time of COVID-19: the 'Anthropause'](#)

[NASA wants to hear your ideas for engineering the best toilet to use on the Moon](#)

**Developing new companies**

"A great economy is not a product of great management. A great economy is a product of invention, innovation, and discoveries" [David O.](#)

[Outcompeting capitalism](#). Great article which mentions the close to home and exceptional Mondragon example

## Elon, Clay and disruption

## The new CxO gang: data, AI and robotics

## Move Alibaba, here comes TikTok's live shopping



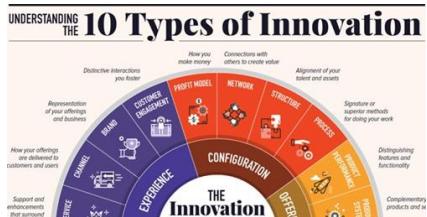
## A study of 597 logos shows which kind is most effective

## A primer on the passion economy

## Why Rakuten's mobile experience is set to challenge Japan and the world

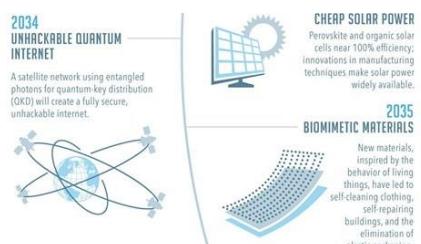


## The cost of 1GB of mobile data in every country



## 10 types of innovation

## Tech and the new normal



## A timeline of future technology

## AR/VR/AI/Quantum Computing/IoT

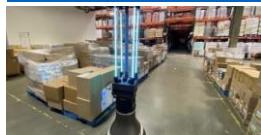
Apple's approach to AR will make life easier, but Snapchat's approach to AR will make life worth living. [Aidan Wolf](#). Both benefit from new devices, but their work is a new version of YDreams work more than a decade ago: Apple AR is partly a new version of [YDreams Award winning work with depth sensing](#); Snapchat excels in a reality-based interface augmented with a number of filters and special effects also pioneered by YDreams that you can see [here](#) and [here](#). AR is going to be so much more...



[Facebook researchers show the most compact VR optics yet](#)

[Measuring augmented reality experiences](#)

[Artificial Intelligence Landscape — 100 great articles and research papers](#)



[CSAIL robot disinfects Boston's Food Bank](#)

**Far out**



[Retro radio stations](#)

[How the digital camera transformed our concept of history](#)

[Mark Zuckerberg is the biggest oligarch in the history of Mankind](#)

[Ten things I have learned](#), by the late Milton Glaser

[The rapidly aging Western World](#)

[Coronavirus has ushered in the Airport of the Future](#). “With new tech like robot janitors, thermal cameras, and health passports at their disposal, the world's flight hubs—and air travel as we know it—will never be the same”.

[Could teleporting ever work?](#)



[Society if Lisp had been an industry standard since 1958](#)