



The Wealth of Notions:

CONVERGENCE

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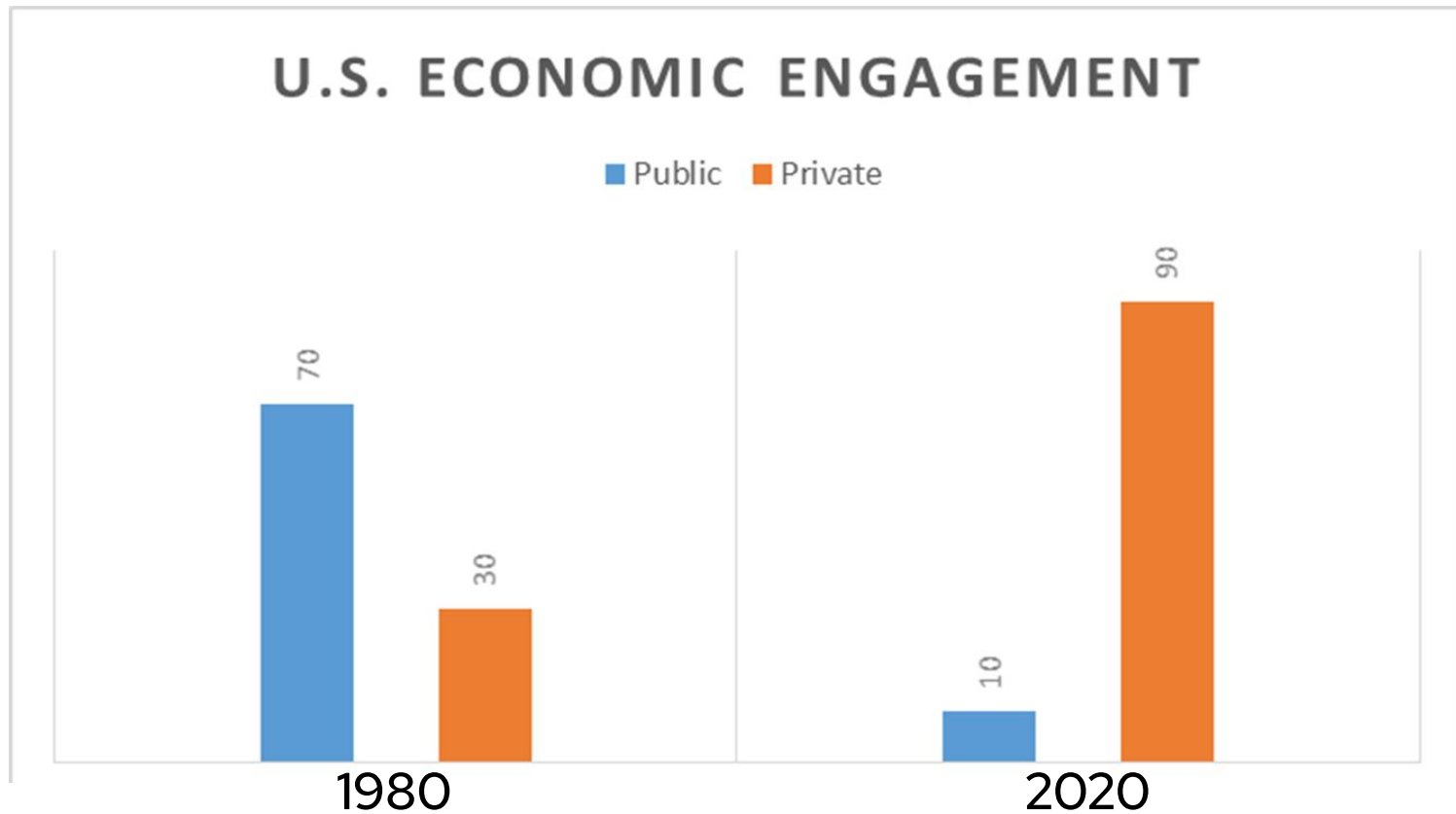
George Washington University School of Business
Virginia Tech Department of Economics

- Excellence
 - Experience
 - Freedom
 - Future
 - Knowledge
- Learning
 - Light
 - Truth
 - Wisdom
 - World

- **Lees-McRae College: "Your Future Elevated"**
- **Middle Georgia Technical College: "Your Future is Our Business"**
- **Louisiana State University, Alexandria: "Your Future is Our Future"**
- **SUNY Westchester Community College: "Building Minds. Building Futures."**
- **Central Connecticut State University: "Start with a dream. Finish with a future."**



1. **Convergence of Global Interests**
2. **Convergence of Technology**
3. **Convergence of Learning methods**



Source: USAID, Hudson Institute

FIGURE 1. TOTAL CROSS-BORDER RESOURCES FROM 47 COUNTRIES BY FLOW, 2020 (in billions of inflation-adjusted 2020 US dollars)

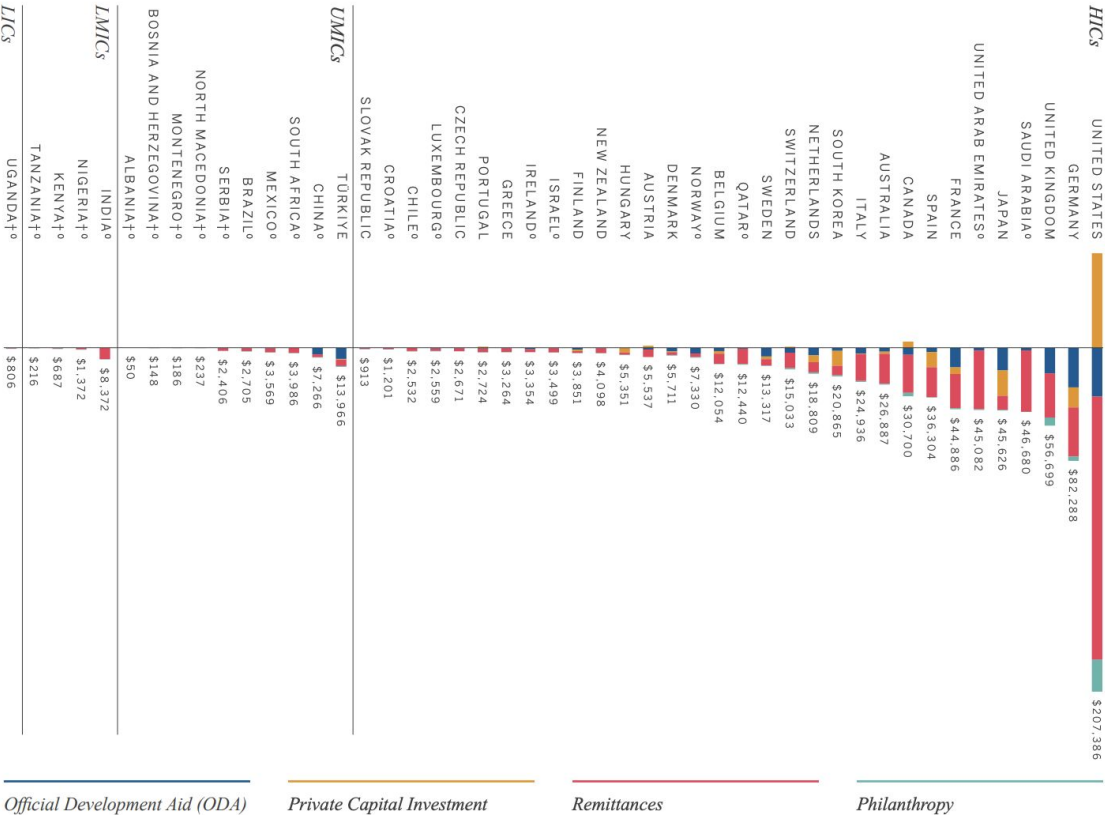
Total Amount: USD 841 Billion



Source: Indiana University Lilly Family School of Philanthropy, 2023 *Global Philanthropy Tracker*

Data: ODA and PCI from OECD; Remittances from the World Bank; Philanthropic outflows from various sources researched by the Indiana University Lilly Family School of Philanthropy and shared by partner organizations for some countries. See [Appendix A](#) for specific data sources for each country included.

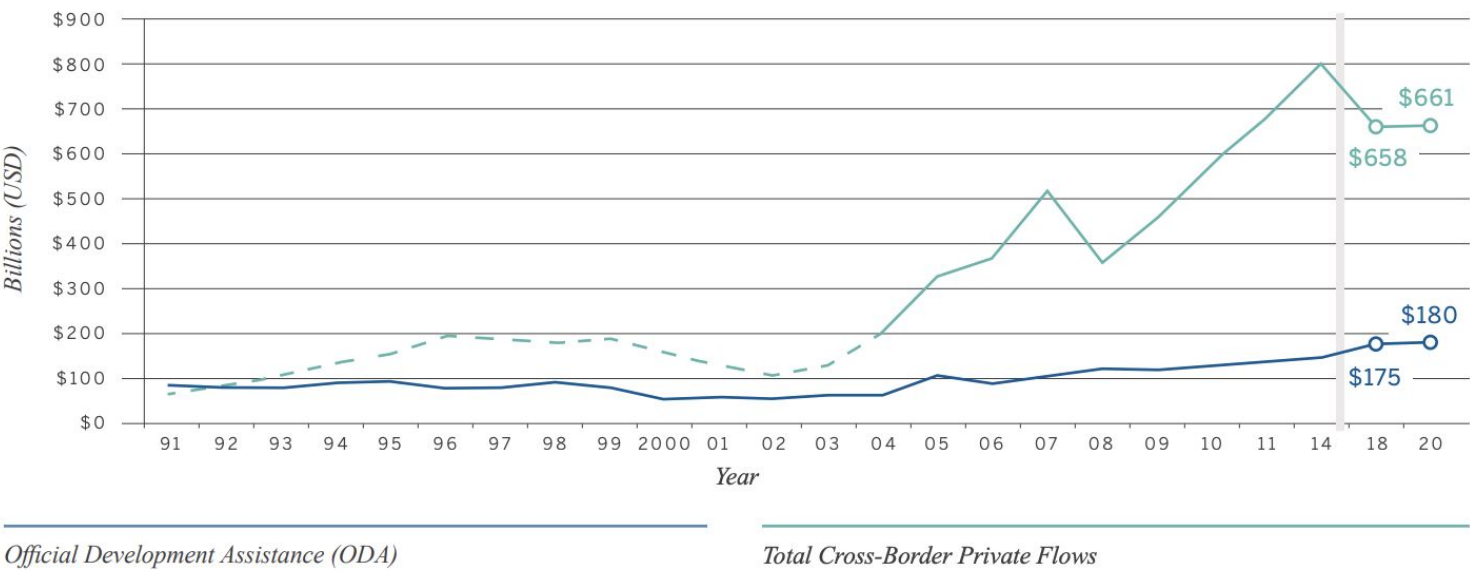
FIGURE 4. TOTAL CROSS-BORDER RESOURCES BY FLOW AND BY COUNTRY, 2020 (in millions of inflation-adjusted 2020 US dollars)



Source: Indiana University Lilly Family School of Philanthropy, 2023 *Global Philanthropy Tracker*

Data: ODA and PCI from OECD; Remittances from the World Bank; Philanthropic outflows from various sources researched by the Indiana University Lilly Family School of Philanthropy and shared by partner organizations for some countries. See [Appendix A](#) for specific data sources for each country included.

FIGURE 2. TOTAL CROSS-BORDER PRIVATE RESOURCE FLOWS (PHILANTHROPIC OUTFLOWS, REMITTANCES, AND PRIVATE CAPITAL INVESTMENT), COMPARED WITH OFFICIAL DEVELOPMENT ASSISTANCE, 1991–2020 (in billions of current US dollars)

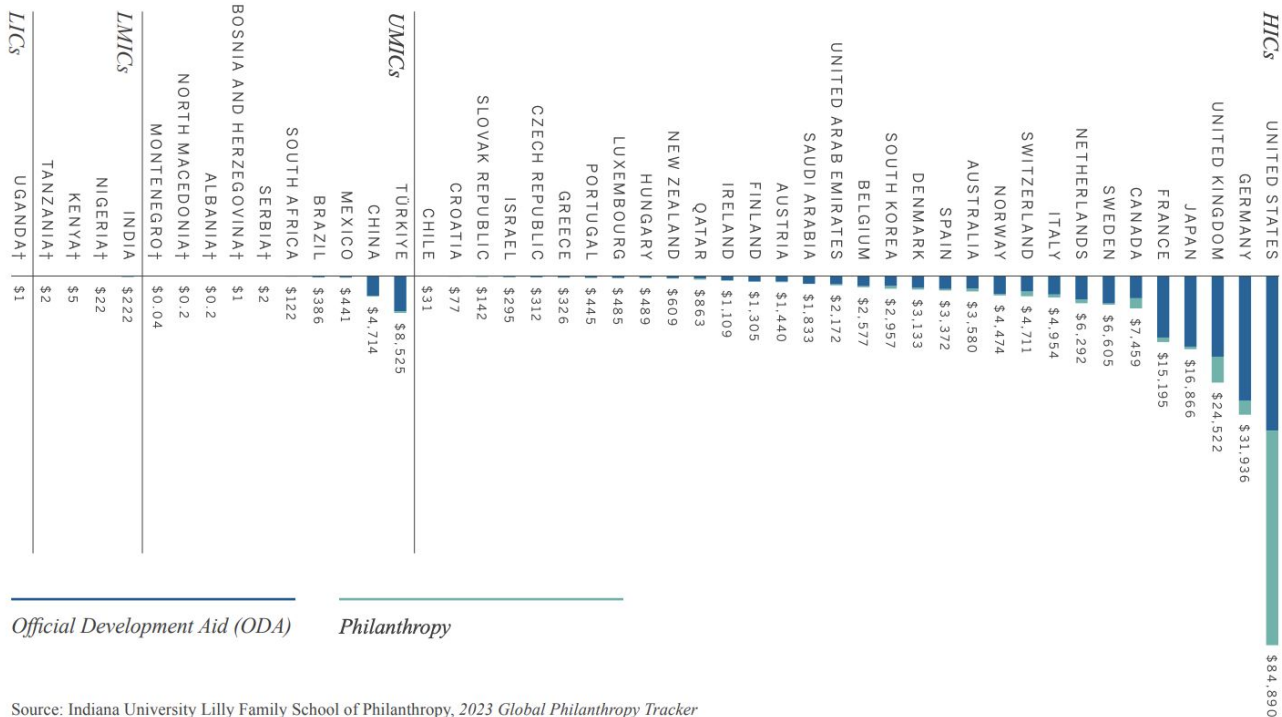


Source: Indiana University Lilly Family School of Philanthropy, 2023 *Global Philanthropy Tracker*

Data: ODA and PCI from OECD; Remittances from the World Bank; Philanthropic outflows in 1991–2014 from Hudson Institute’s *The Index of Global Philanthropy and Remittances* (IGPAR), 2006–2016; Philanthropic outflows in 2018 and 2020 from various sources researched by the Indiana University Lilly Family School of Philanthropy and shared by partner organizations for some countries. See [Appendix A](#) for specific data sources for each country included.

Note: Historical data on the four resource flows for each year reflect a different number of countries that had data available in that year; therefore, the trend in the graph does not necessarily present the trend over time and may underestimate the real scope of some flows in some countries in a given year. The dash line represents less complete data on cross-border private flows before 2004.

FIGURE 6. OFFICIAL AND PRIVATE FOREIGN ASSISTANCE BY COUNTRY, 2020 (in millions of inflation-adjusted 2020 US dollars)



Official Development Aid (ODA)

Philanthropy

Source: Indiana University Lilly Family School of Philanthropy, 2023 *Global Philanthropy Tracker*

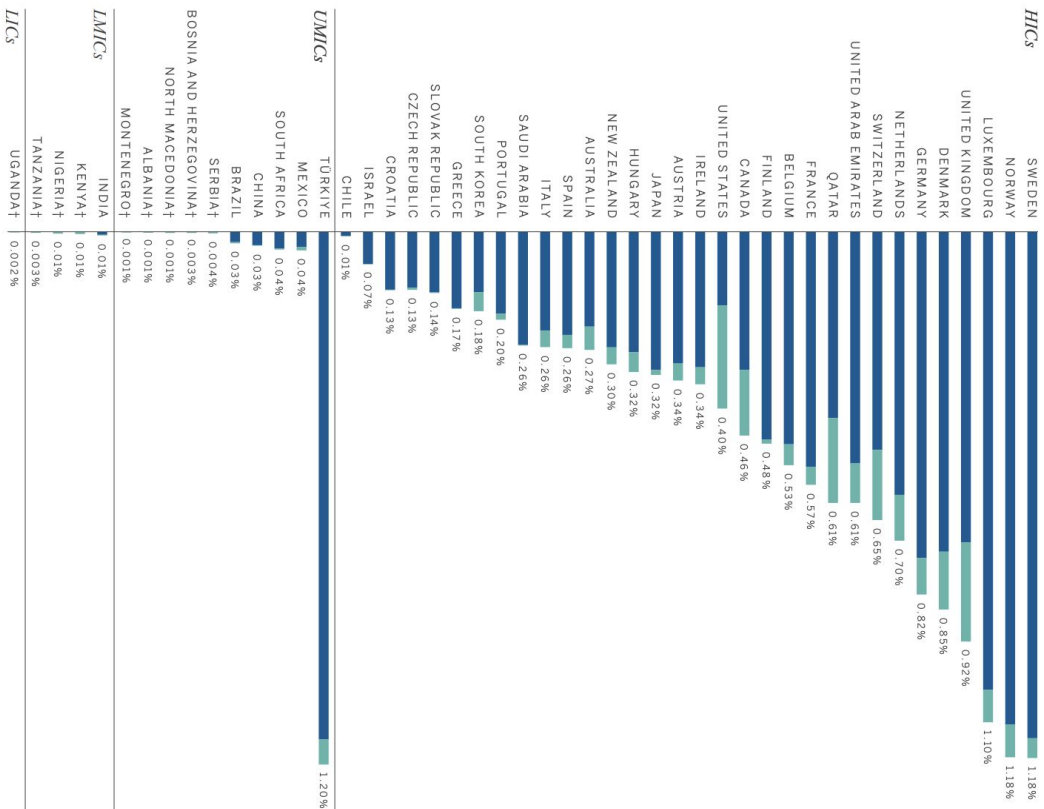
Data: ODA from the OECD; Philanthropic outflows from various sources researched by the Indiana University Lilly Family School of Philanthropy and shared by partner organizations for some countries. See [Appendix A](#) for specific data sources for each country included.

Notes: HICs: High-income countries; UMICs: Upper-middle-income countries; LMICs: Lower-middle-income countries; LICs: Low-income countries

† Countries that did not have ODA estimates

¹¹ In the 2023 GPT, nine countries do not have available data on ODA. For a full list of the 38 countries that have available ODA data, see Part III of the report.

FIGURE 7. OFFICIAL AND PRIVATE FOREIGN ASSISTANCE AS A PERCENTAGE OF GROSS NATIONAL INCOME BY COUNTRY, 2020



Official Development Aid (ODA)

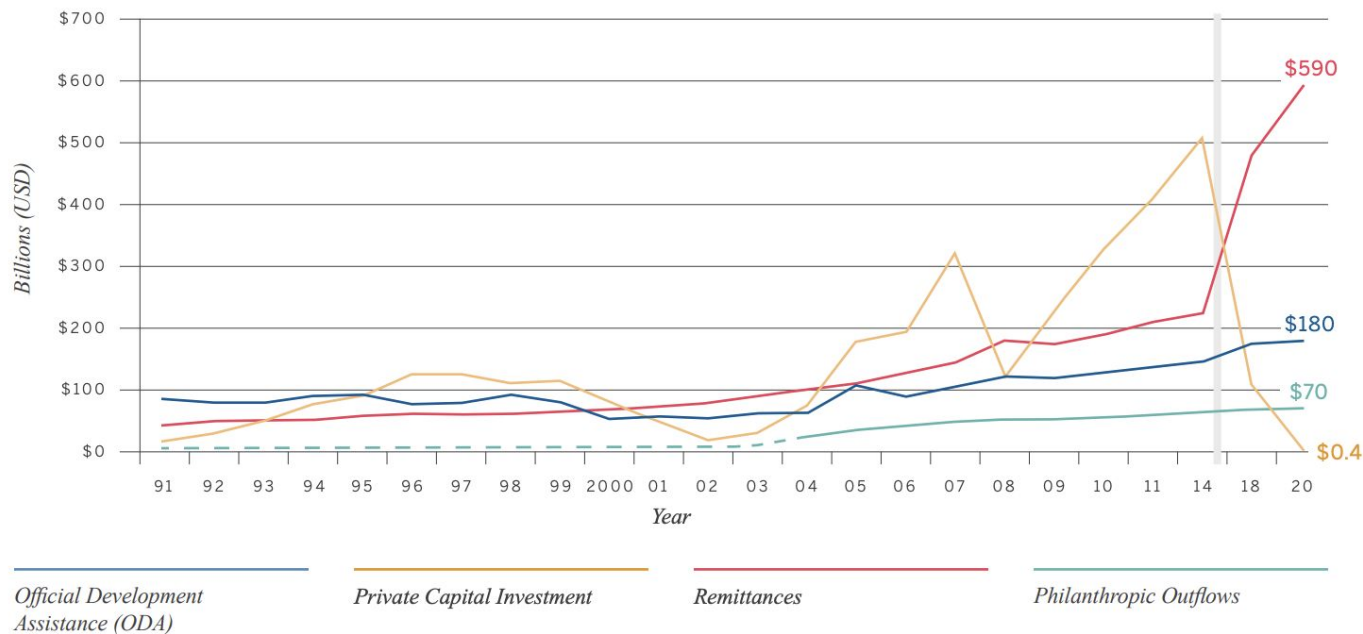
Philanthropy

Source: Indiana University Lilly Family School of Philanthropy, 2023 *Global Philanthropy Tracker*

Data: ODA from the OECD; Philanthropic outflows from various sources researched by the Indiana University Lilly Family School of Philanthropy and shared by partner organizations for some countries. See [Appendix A](#) for specific data sources for each country included.

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FIGURE 3. TOTAL CROSS-BORDER RESOURCES BY FLOW, 1991–2020 (in billions of current US dollars)



Source: Indiana University Lilly Family School of Philanthropy, 2023 *Global Philanthropy Tracker*

Data: ODA and PCI from OECD; Remittances from the World Bank; Philanthropic outflows in 1991–2014 from Hudson Institute’s *The Index of Global Philanthropy and Remittances* (IGPAR), 2006–2016; Philanthropic outflows in 2018 and 2020 from various sources researched by the Indiana University Lilly Family School of Philanthropy and shared by partner organizations for some countries. See [Appendix A](#) for specific data sources for each country included.

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Evolution of Engagement

**1970s-1990s: Public-led
development**

**2000s-2010s: Private-led
development**

**2020s-2030s: Convergence of
public & private interests**



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from Noun Project

“ No nation alone can solve the world’s most pressing issues. Partnering with other nations to confront shared challenges has thus long been an animating force behind United States foreign policy, and it will be under my Administration as well. However, working with other nations is no longer enough. **Technological, social, and geopolitical changes are combining to expand the power and influence of non-state and sub-national actors, making their views on a wide range of national security and foreign policy issues important and cooperation with them essential.** A diverse range of these actors is needed to address the pressing problems on our Nation’s agenda. Cities and States have shown they can lead on issues such as climate change; industry stands on the cutting edge of technological development and is often responsible for securing our critical infrastructure; and social movements advance larger goals by taking coordinated, grassroots action. **The United States must engage with all of these actors to best achieve its national security and foreign policy goals.”**

- White House Memorandum on Revitalizing America’s Foreign Policy and National Security Workforce, Institutions, and Partnerships (February 4, 2021)

The Office of Global Partnerships (GP) strives to advance the Department of State's top foreign policy priorities through private sector engagement and *public private partnerships.*

- Convener, collaborator, catalyzer, and conductor of partnerships
- Advance the **President's foreign policy** agenda
- Institutionalize partnerships and private sector engagement
- Rapid response solutions platform for the Secretary of State

- **Strengthen of legacy (1789)**
- **Strengthen of novelty (2008)**
- **Pursuit of shared value**
- **The last P in PPP isn't procurement**

- Since inception, GP has worked with over 1,800 partners and mobilized over \$3 billion of public and private sector resources to enhance diplomacy and development outcomes.

- **The velocity of change**
- **The poverty of imagination**
- **The rigidity of bureaucracy**
- **The emergence of technology**

What is VUCA (Volatility, Uncertainty, Complexity, Ambiguity)?

Volatility

Volatility refers to the speed, volume, nature, magnitude of a phenomenon that may or may not be in a pattern form. Volatility increases complexity.

Complexity

Complexity describes the amount of different states a system can get into at a certain point in time. The more states a system can get into, the higher its complexity and the harder it gets to manage it.



Uncertainty

Uncertainty occurs when there are no concrete trends or patterns, which makes it difficult to establish what will happen next and base decision on it.

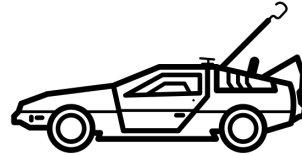
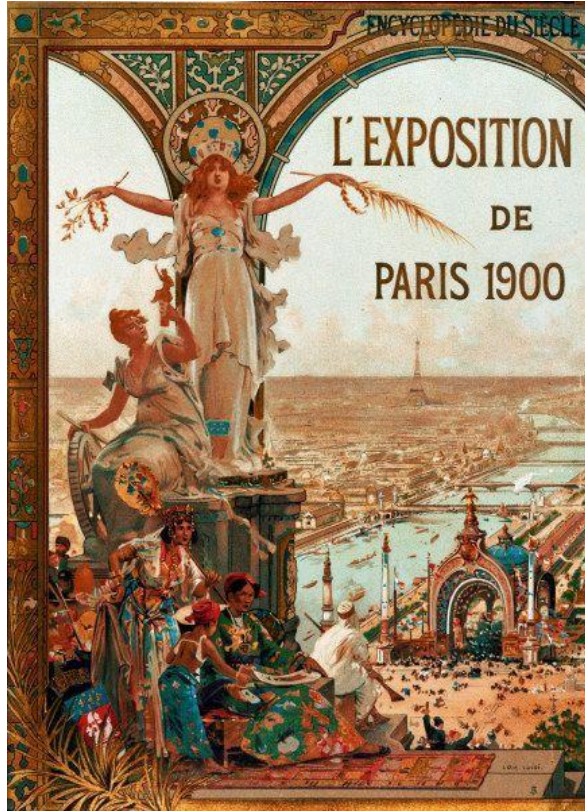
Ambiguity

Ambiguity describes a situation where multiple interpretations are permitted and equally valid. This makes it hard to decide what to do in order to achieve a desired outcome.

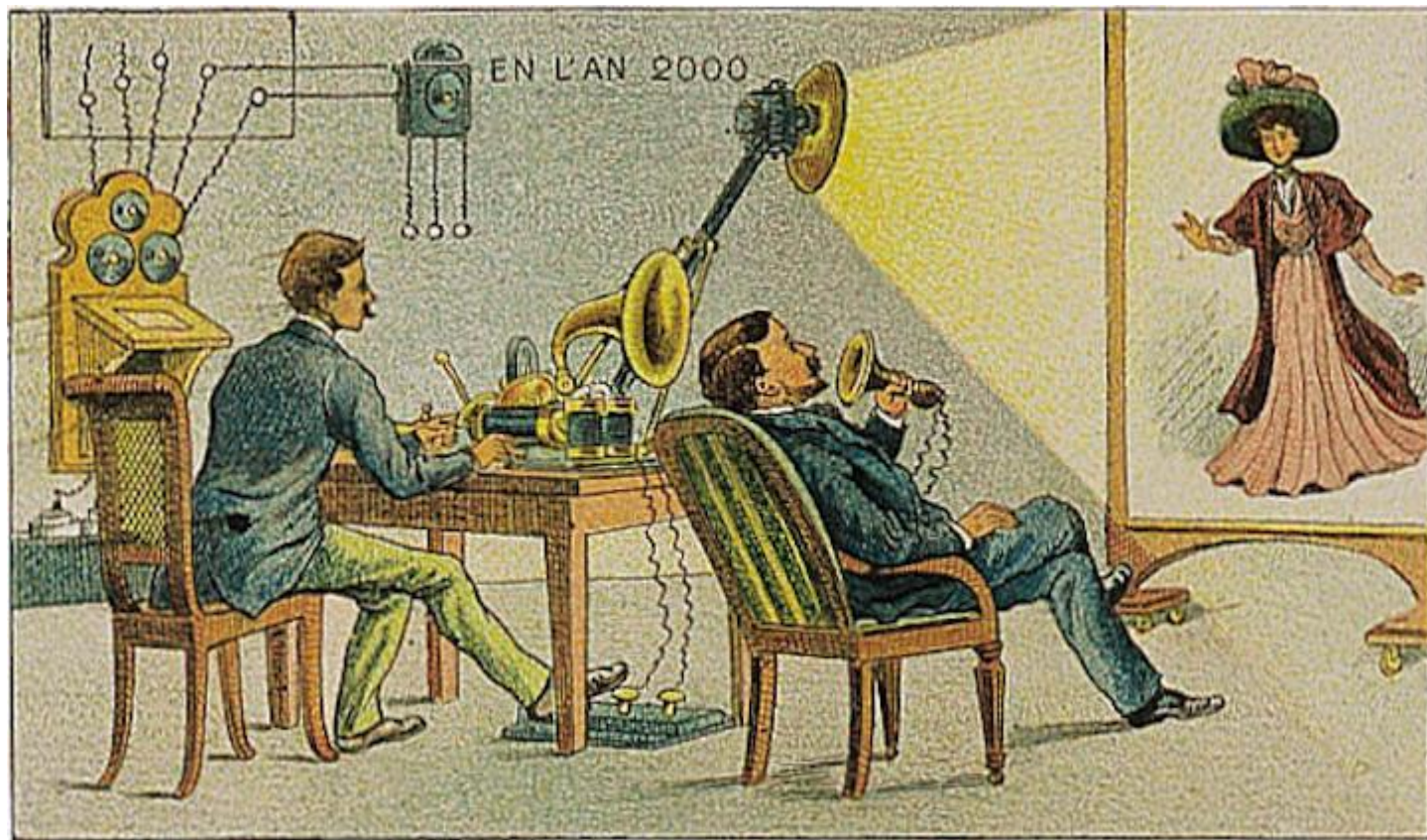
"The *future* started
yesterday, and we
are already late.

-John Legend

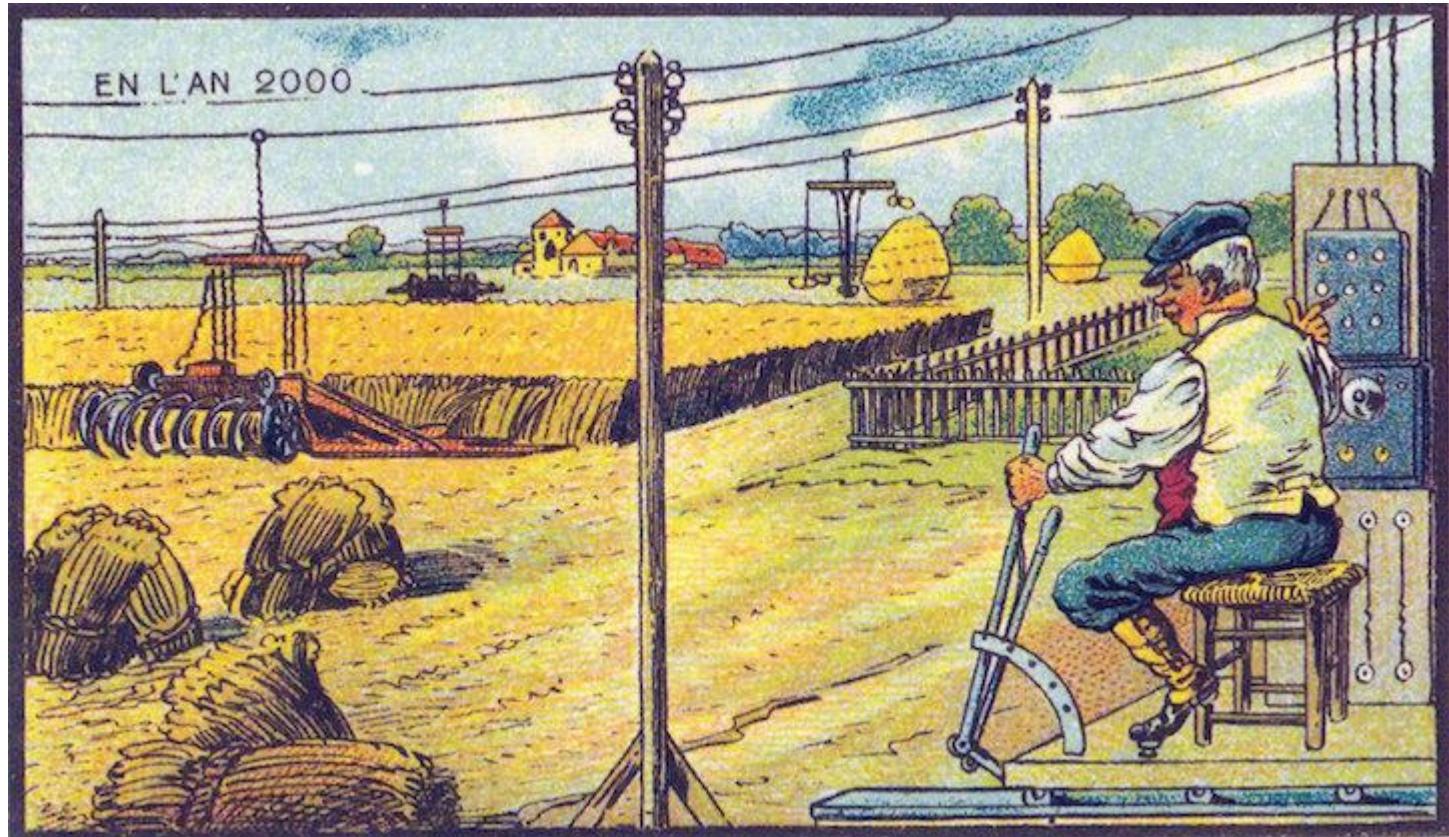




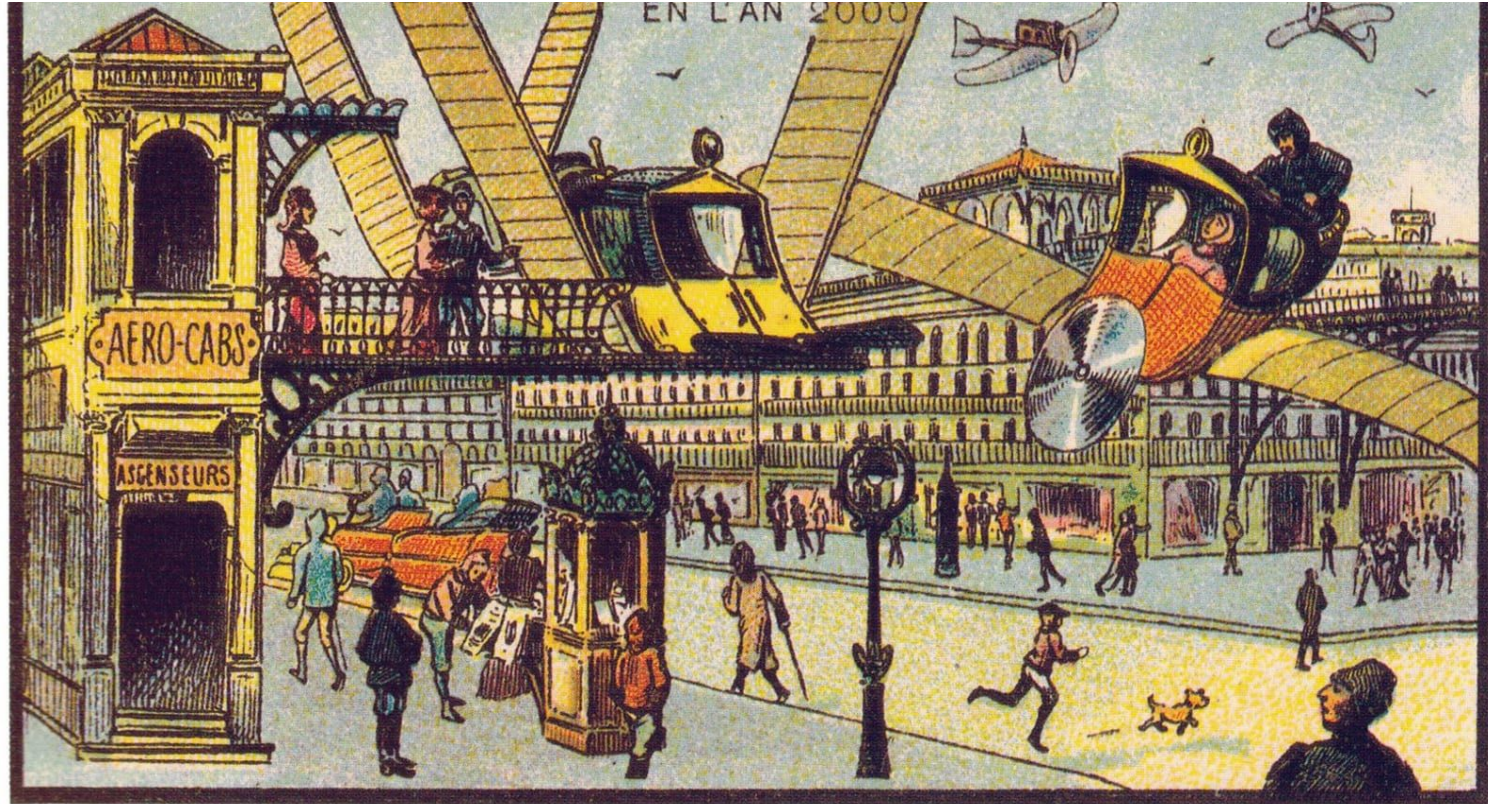
EXPO
2020
DUBAI
UAE



future of media

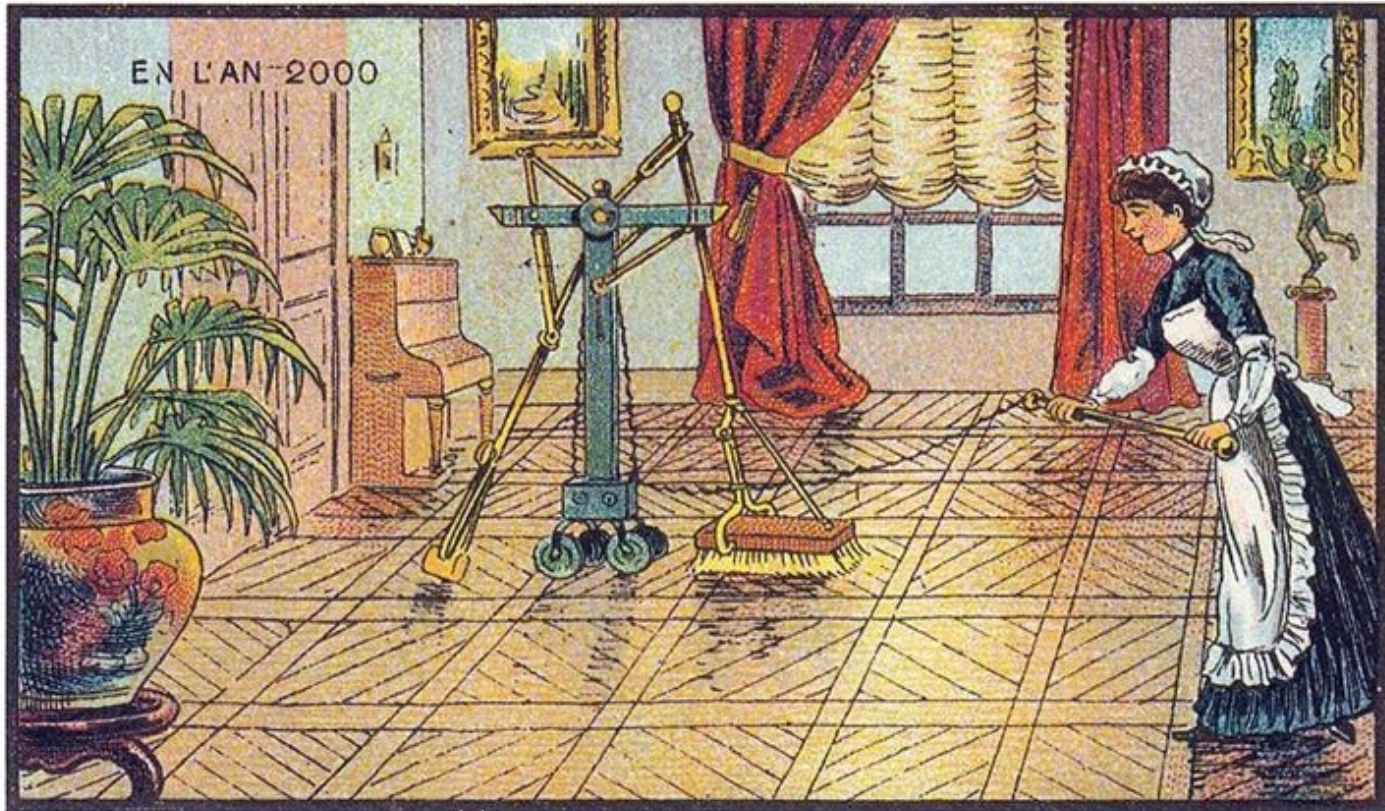


future of agriculture



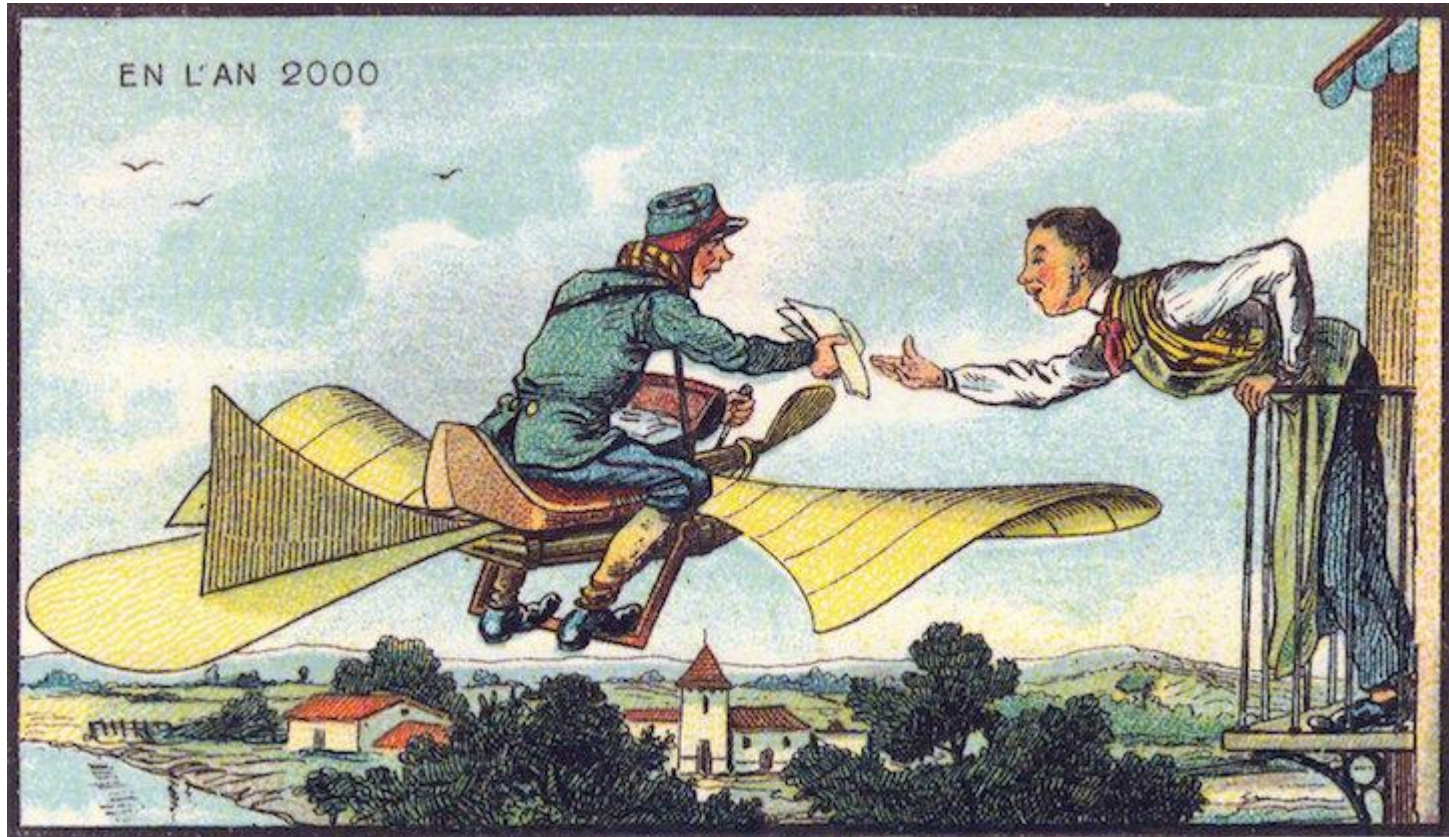
Aero-Cab Station

future of transportation

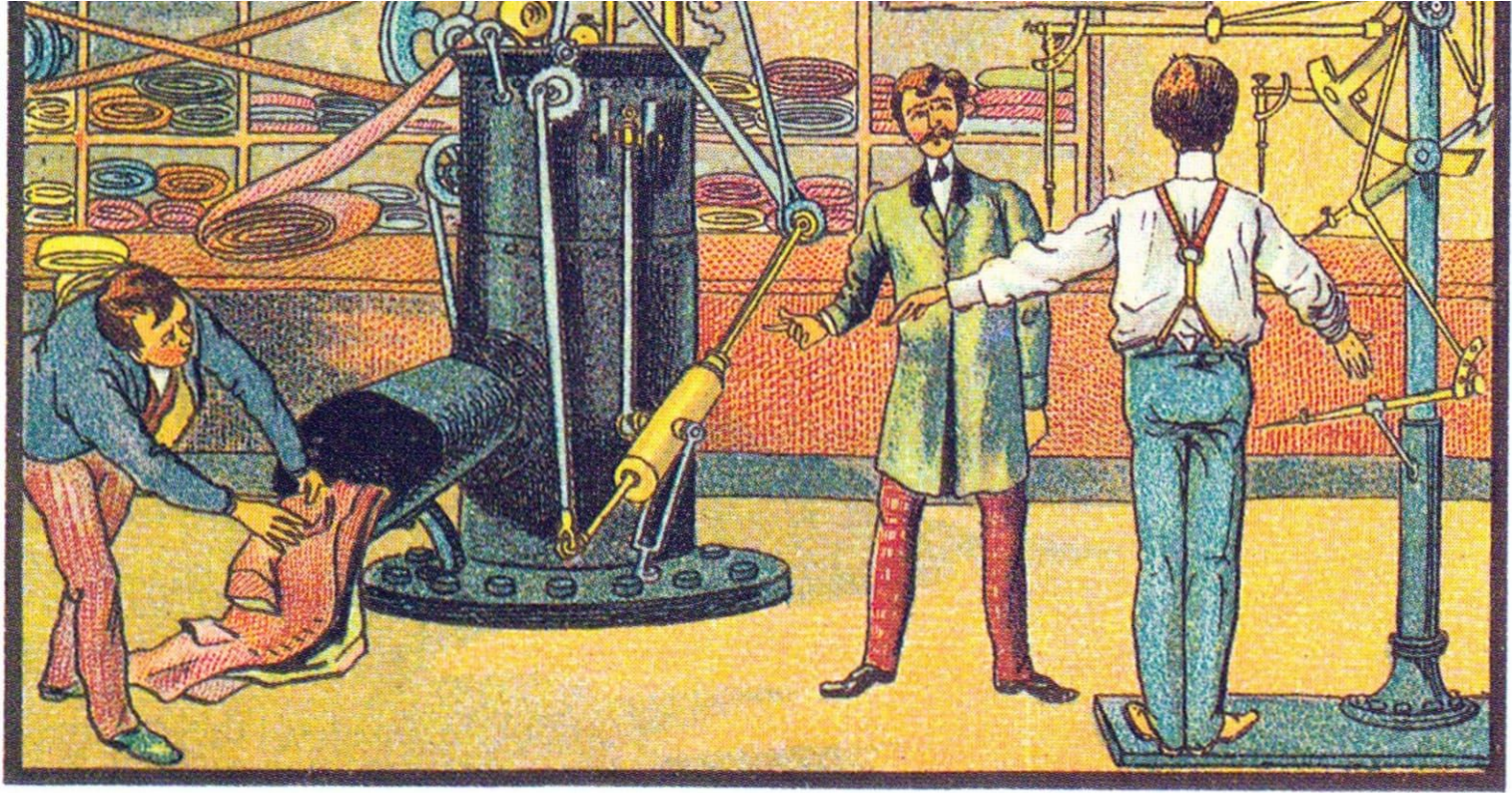


Electric Scrubbing

future of housekeeping



future of logistics and delivery

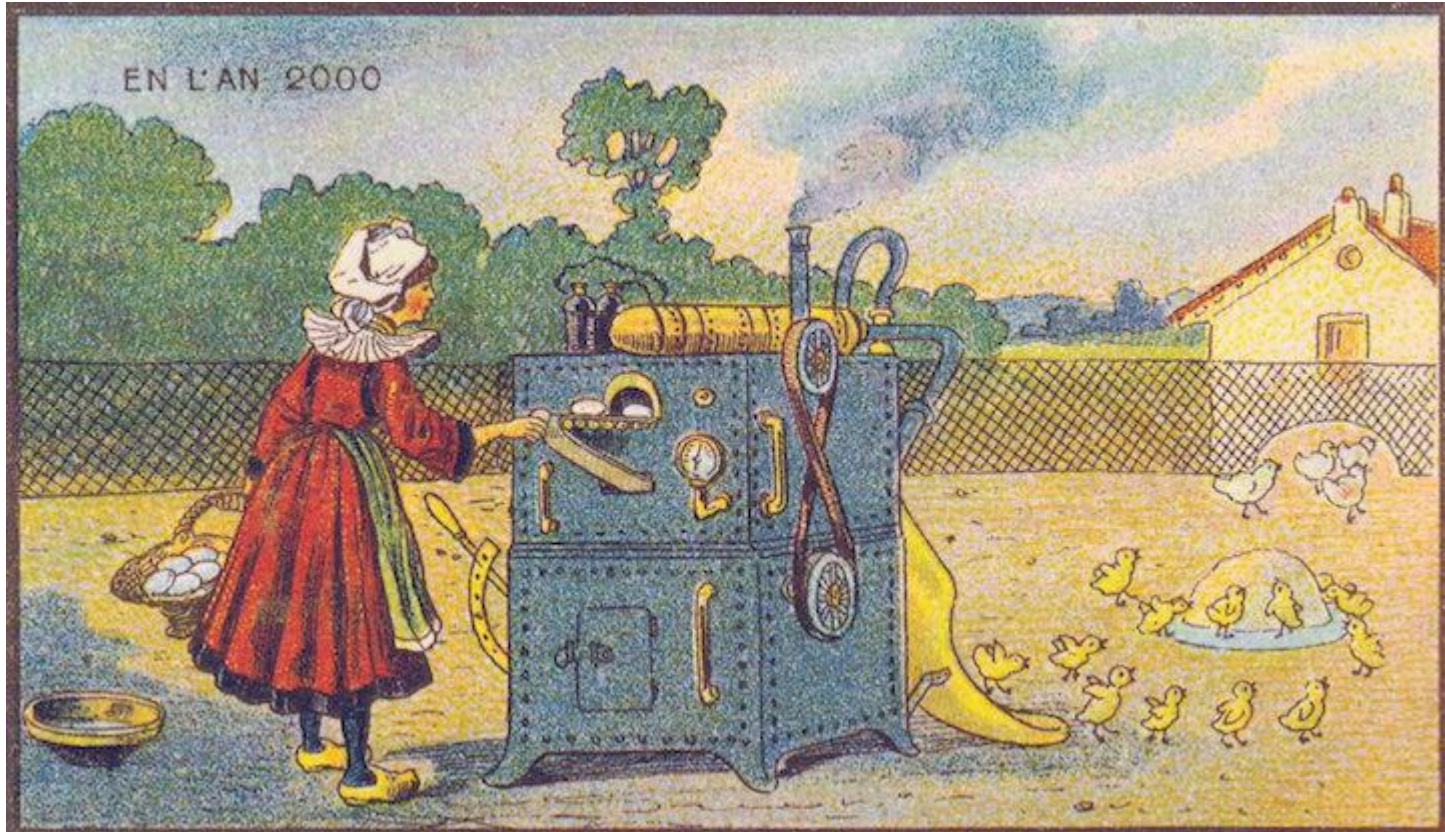


A Tailor of the Latest Fashion

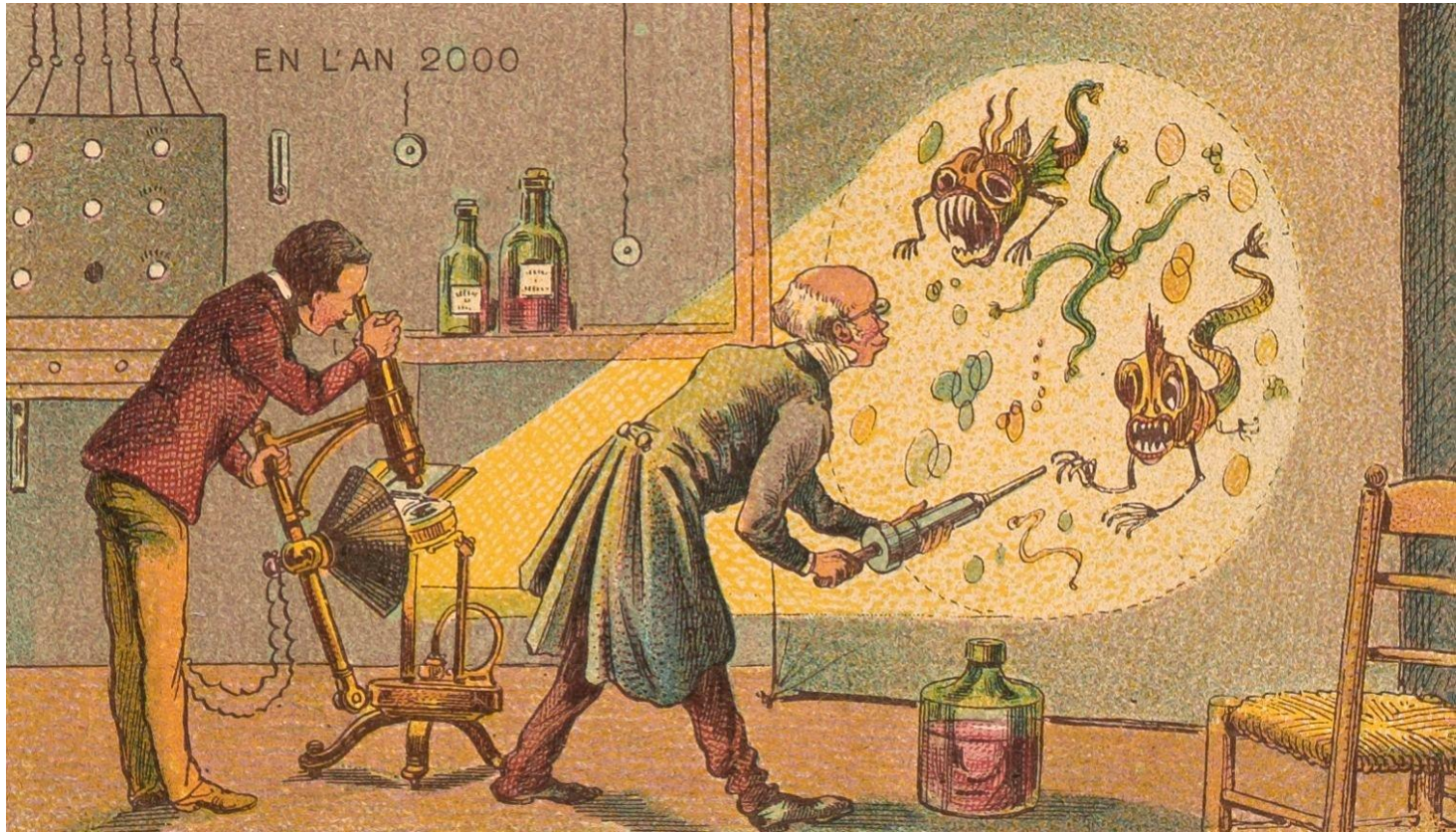
future of manufacturing



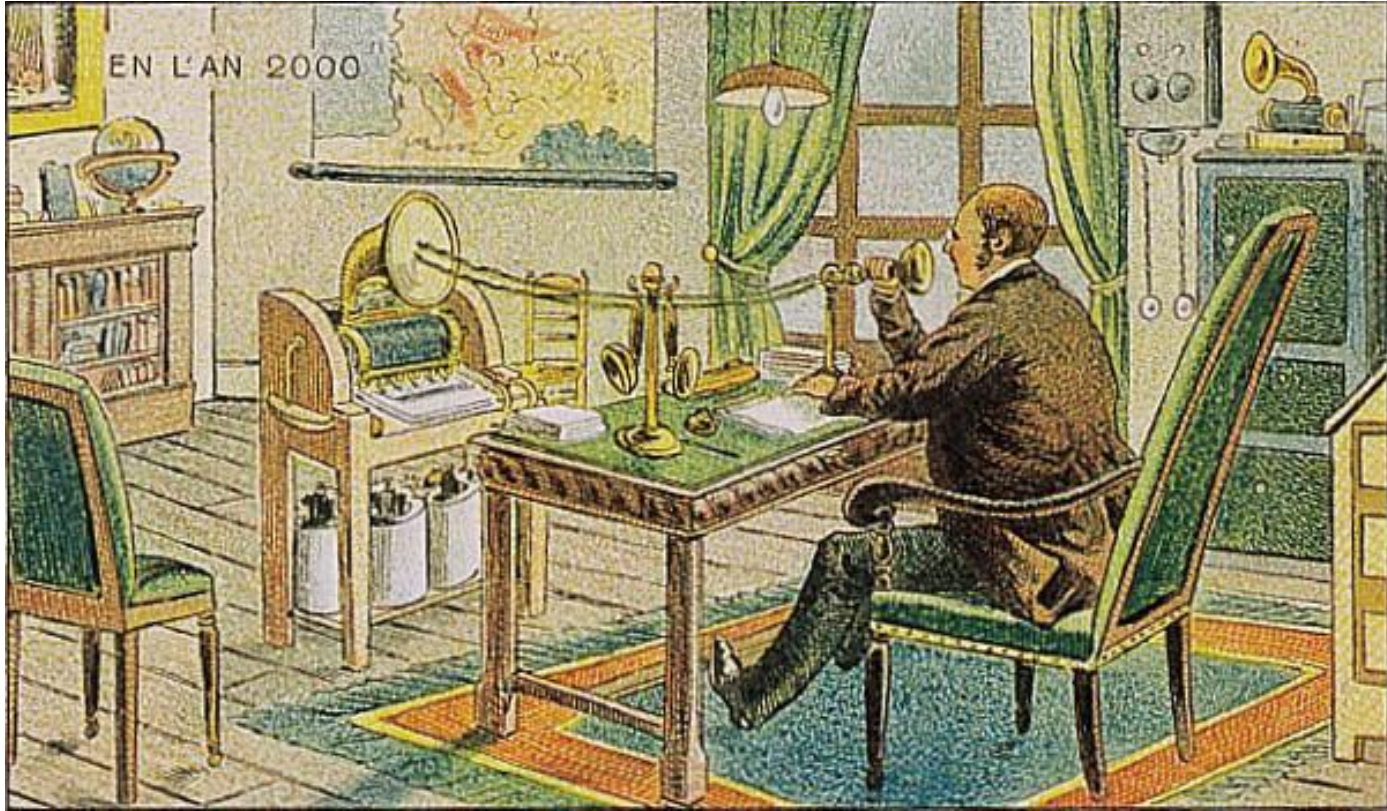
future of micro-mobility



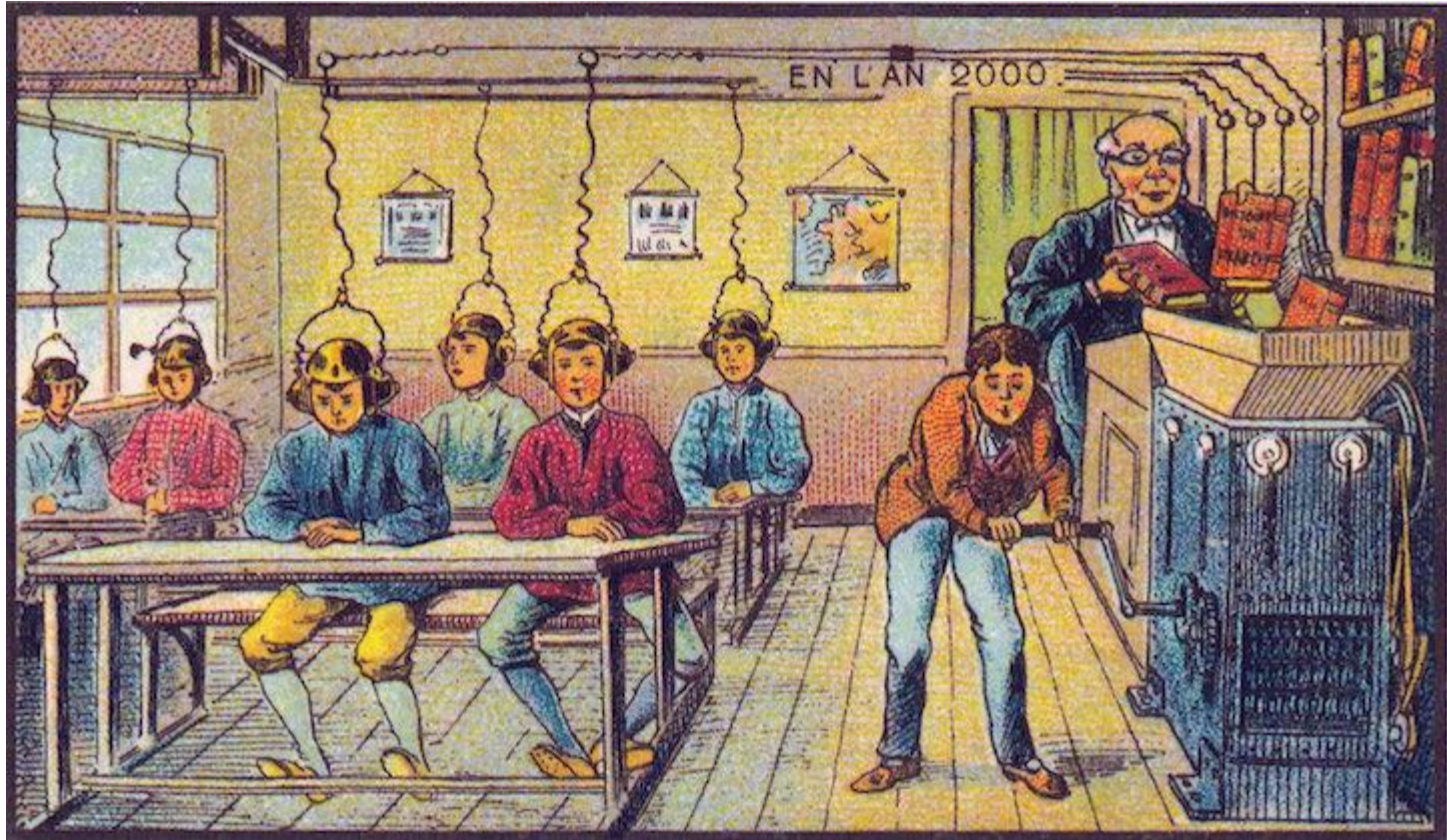
future of biotechnology



future of virology



future of broadcasting



future of learning

Evolution of Technology

1970s: Building computers

1980s: Connecting computers

1990s: Connecting pages

2000s: Connecting people

2010s: Connecting data

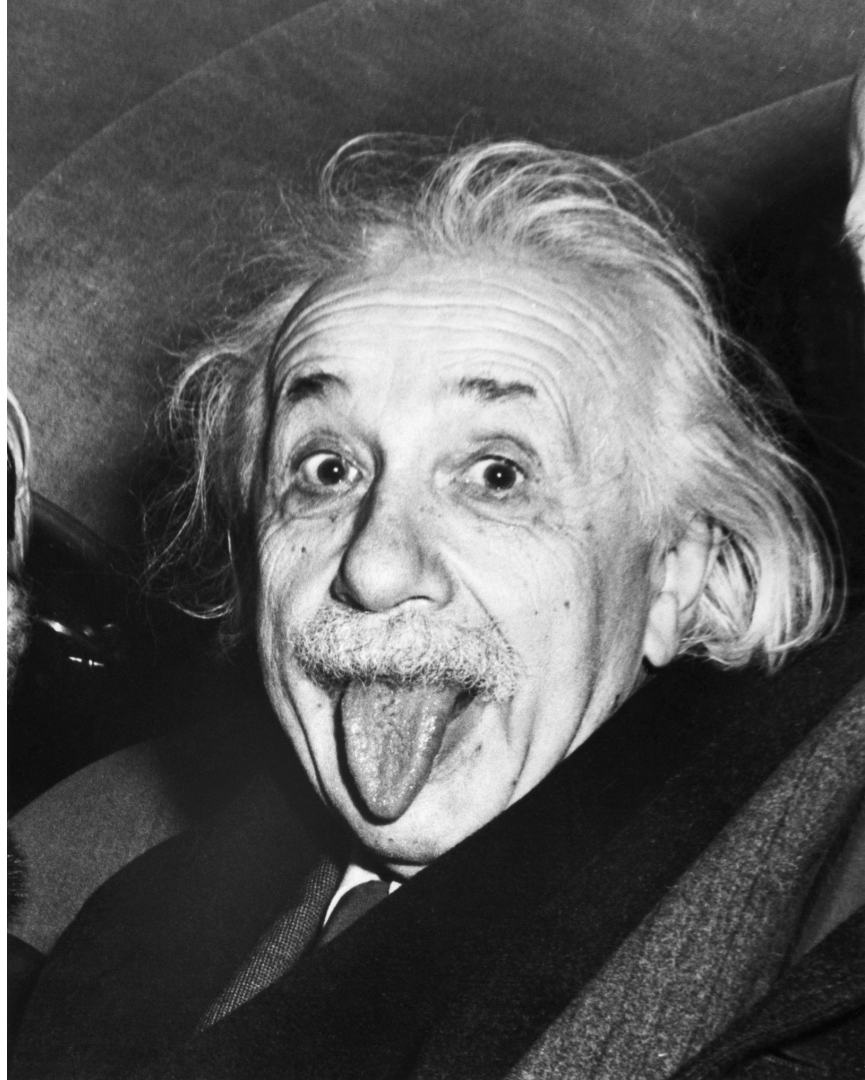
2020s: Convergence of everything (AI)



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from Noun Project

"Any fool can
know. The
point is to
understand."

Albert Einstein

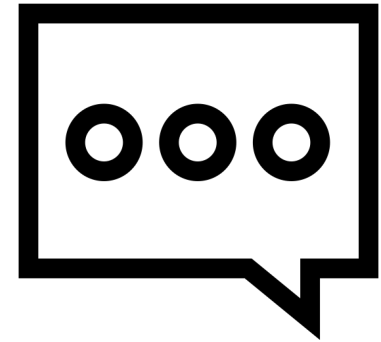


Knowledge is increasingly
becoming a cheap commodity but
comprehension is getting rarer!

**Lived Experience > Learned
Experience**

Economics is the
operating system of
Humanity !

We want students to
become **Economic
Explorers**, not just
Economists: Reframe the
teaching approach.

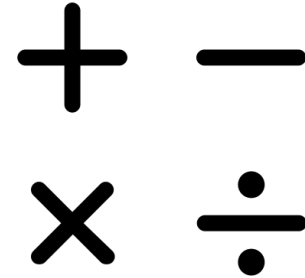


Created by Niels Geschiere
from Noun Project

Conventional
wisdom: **what is?**

Fixed Outcome

$$4+4=?$$

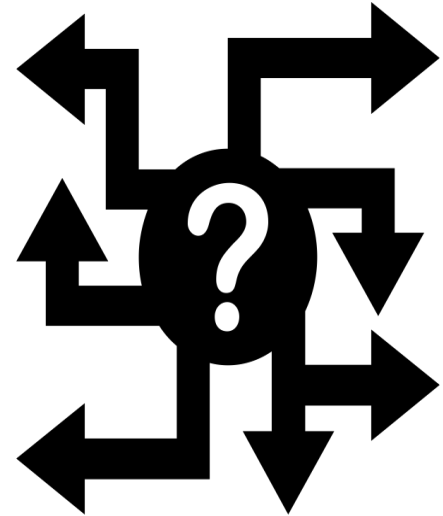


Created by Nara Vieira da Silva
from Noun Project

Collaborative
wisdom: **what if?**

Infinite possibilities

?+?=8



Created by Fabrice VAN NEER
from Noun Project

- GW Strategic Management
- GW Consulting Abroad Program: UAE
- GW/VT Economic Foresight
- GW/VT Startup Economics: Austin/SXSW
- GW/VT Economics of Algorithms



Ilya Strebulaev [in](#)

Professor at Stanford | Startups & Innovation | Venture Capital & Private Equity
8mo

...

Econ-Tourism

What are the most popular majors of unicorn founders in top universities?

Top 18 US universities account for 724 (31%) of all the unicorn founders. We collected undergraduate major subjects for most of them. It turns out there is a great variation among universities.

Only three subjects are in the first place by the number of founders who chose it: Engineering, Economics, and Computer Science (CS).

Engineering is first in 8 universities, including at [Massachusetts Institute of Technology](#), [University of California, Berkeley](#), [Cornell University](#), [University of Michigan](#), and [University of Illinois Urbana-Champaign](#). It is in top 3 in 13 out of 18 universities.

Economics is first in 5 places, including at [Harvard University](#), [Yale University](#), and [UCLA](#). It is in top 3 in 9 universities.

CS is first in 5 places ([Stanford University](#), [Brigham Young University](#), [Carnegie Mellon University](#), [Brown University](#), and [University of Washington](#)). But it is in top 3 also in 13 like Engineering. If you count by the total number of medals, CS will displace Economics.

[Harvard University](#) and [University of Pennsylvania](#) stand out, being the only two universities without featuring either Engineering or CS among top 3.

The other majors in top 3 are Political Science (5 universities), Biology (3), Mathematics (3), Business/Management (3), Physics ([Cornell University](#)), and Visual Arts ([UC San Diego](#))

Do these majors differ from majors for founders at other universities and non-unicorn founders? Follow to learn more.

Thank you to the [Stanford University Graduate School of Business](#) Venture Capital Initiative team for spearheading this research.

[#stanford](#) [#stanfordgsb](#) [#venturecapital](#) [#startups](#) [#innovation](#) [#technology](#)

Startup Economics: SXSW



Virginia Tech Economics

532 followers
3mo · 🌐

Last month, several [Virginia Tech](#) students took their classroom knowledge to the real world with a remarkable field trip to [SXSW](#) Austin, Texas. [Thomas Debass](#) taught a special studies course called The Economics of Start-Ups, which not only covered [#economics](#), [#entrepreneurship](#), and venture capital but also emphasized experiential learning.

Students like [Alexander Ardaiz](#), [Holly Stewart](#), and [Aiden Keese](#) immersed themselves in the vibrant ecosystem of startups. They engaged with entrepreneurs, attended pitch competitions, and networked with industry leaders, gaining insights that are seldom available within the confines of a classroom.

This hands-on experience was particularly valuable as it connected students with real-world applications of their studies. Discover more about how the Department of Economics is redefining the learning experience and preparing students for a successful future: <https://lnkd.in/eJ8UpQ9M>

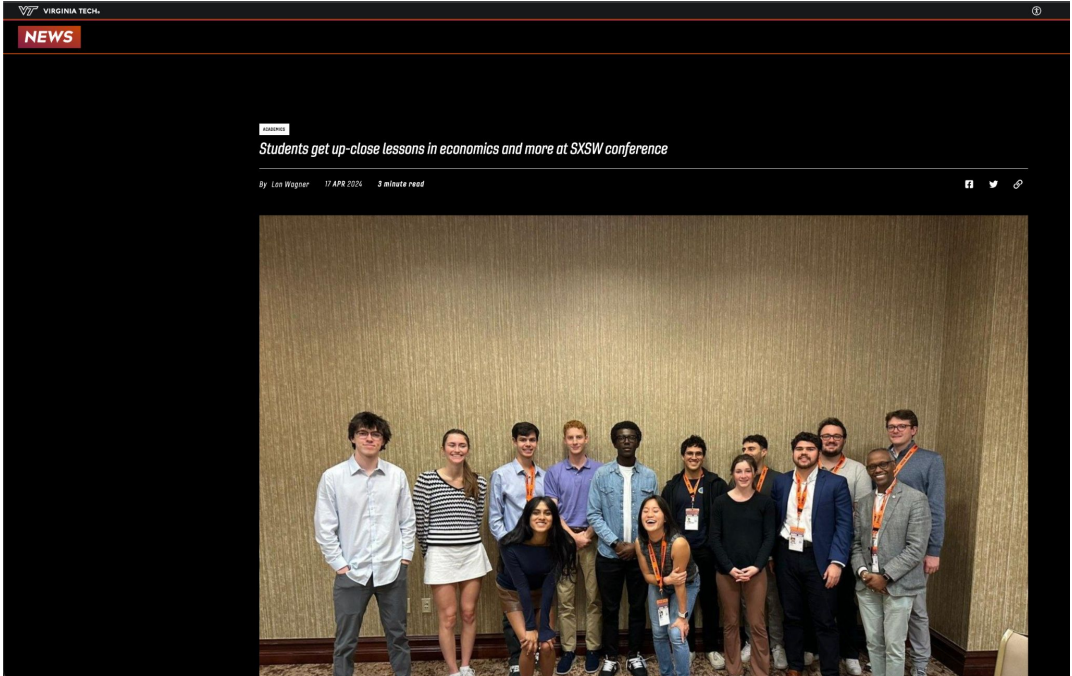


Students get up-close lessons in economics and more at SXSW conference

news.vt.edu

Harris Babin and 21 others

3 reposts



Startup Economics: SXSU





Economics

AI Is Making Economists Rethink the Story of Automation

by Walter Frick

May 27, 2024



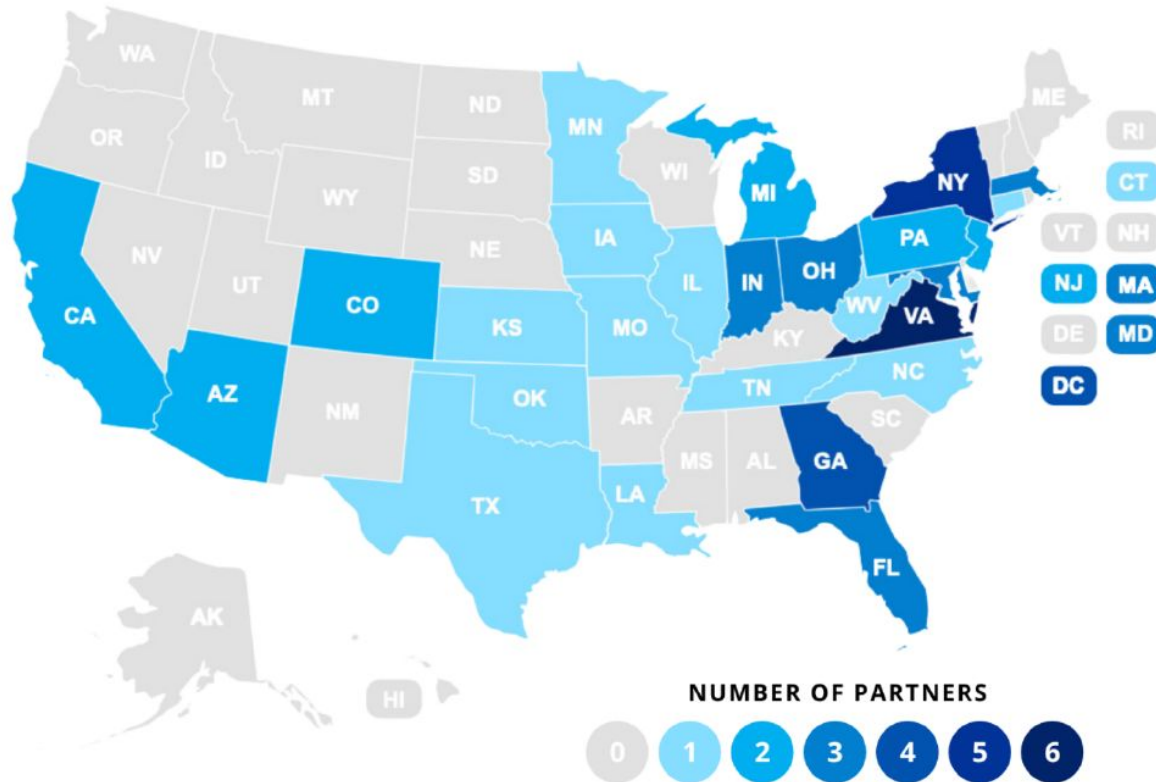
picture alliance /Getty Images

Launched in 2013, **Diplomacy Lab** enables the Department of State to “course-source” research and innovation related to foreign policy by harnessing the efforts of students and faculty at universities across the country.

Diplomacy Lab is designed to address two priorities:

- 1) The Department of State's determination to engage the American people in the work of diplomacy**
- 2) The imperative to broaden the State Department's research base in response to a proliferation of complex global challenges.**

ACADEMIC PARTNERS



- Currently over **60 university partners** from over **30 States and the District of Columbia**
- Project menus include between **80 – 110 proposals** each semester cycle
- Over **450 projects undertaken** between Fall 2016 and Spring 2021 semesters

- Economic Valuation of Wildlife and Wild Spaces – OES/ECW (Fall 2024)
- Migrant Worker Debt in Southeast Asia: The Problem of High Recruitment Fees – Embassy Singapore (Spring 2024)
- Presenting the U.S. Economy to an Overseas Audience – Office of the Chief Economist (Spring 2024)



Diplomacy Lab

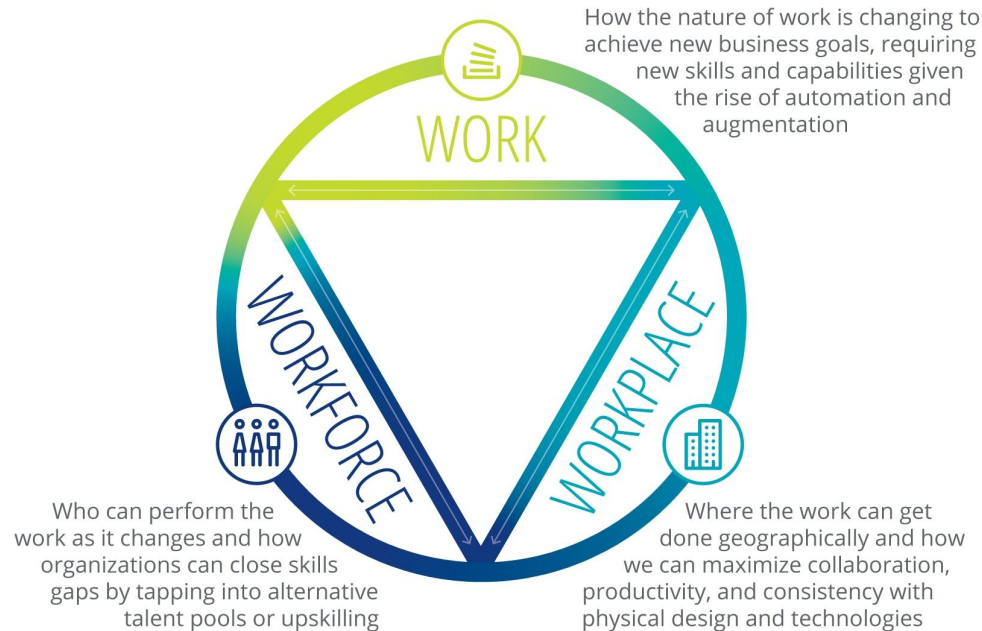
Diplomacy Lab is a public-private partnership between the [U.S. Department of State](#) and a [network of U.S. academic institutions](#).



The Caution: Turbulent times are ahead

FIGURE 1

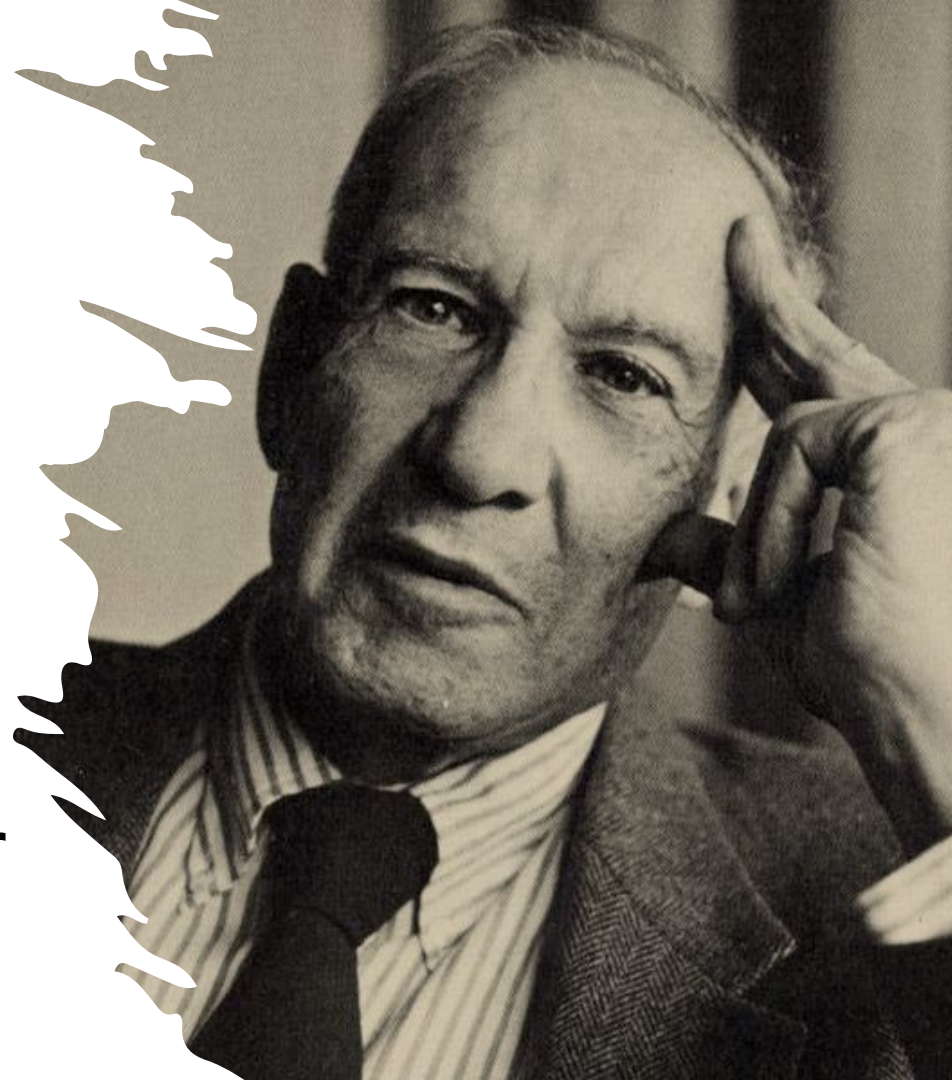
Creating value in government: How more options for work, workforce, and workplace expand opportunity



Source: Deloitte analysis.

// The greatest danger
in times of turbulence
is not the turbulence
itself, but to act with
yesterday's logic.

-Peter Drucker



Thank You!

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<https://debass.com>

