Design, storytelling and Data vis

Three recently launched projects by Accurat

Andrea Giambelli, March 1st 2022

We are Accurat, an independent data-driven research, design, and innovation firm, with offices in Milan and New York.

Where others see complexity,
we see beauty. And value.

Our team

We’re a team of 40 data scientists, analysts, designers, and developers. We come from the worlds of music and mathematics; molecular biology and game design. Our backgrounds are diverse, but an interest and expertise in data visualization has brought us together.

Working cross-departmentally, we’re unique in our ability to both ideate solutions and build them. Our designers and developers work in close collaboration, providing clients with a seamless experience.

Philosophy

At Accurat, we strive to reconnect data to what it represents: knowledge, behaviors, people. Numbers are always placeholders for something else.

In business settings, it's easy to lose sight of this. We inject personality into data viz to engage users, and specificity to remind them of the real-world issues they're solving for.

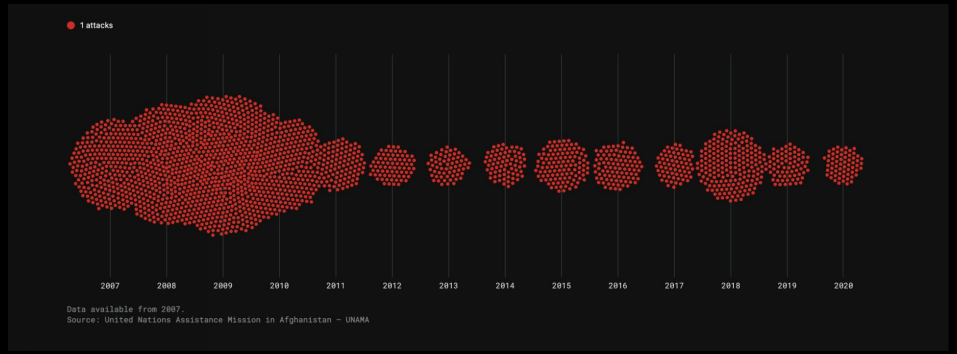
We call this design philosophy Data Humanism.

Afghanistan20

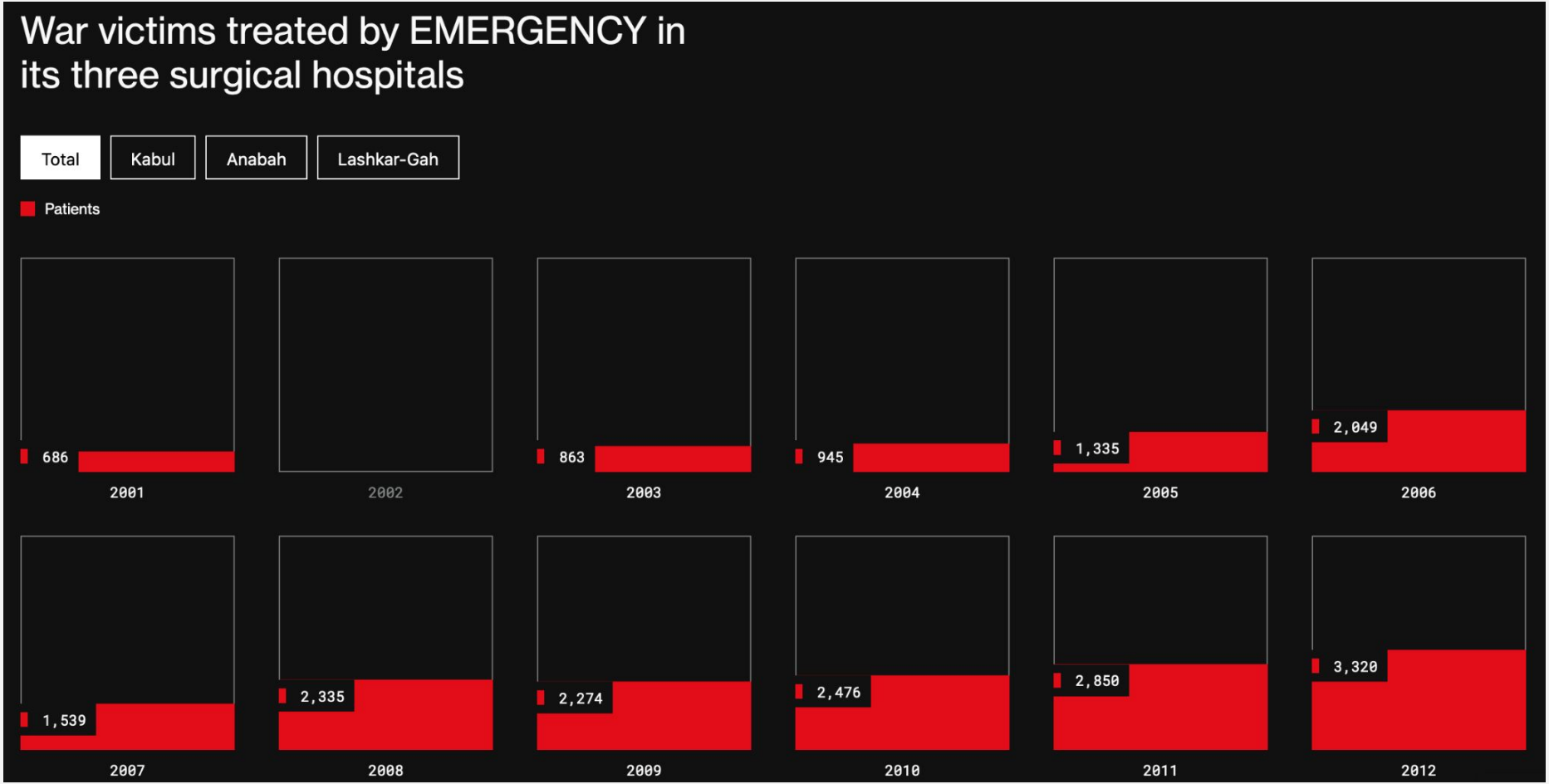
Digital and printed report for Emergency

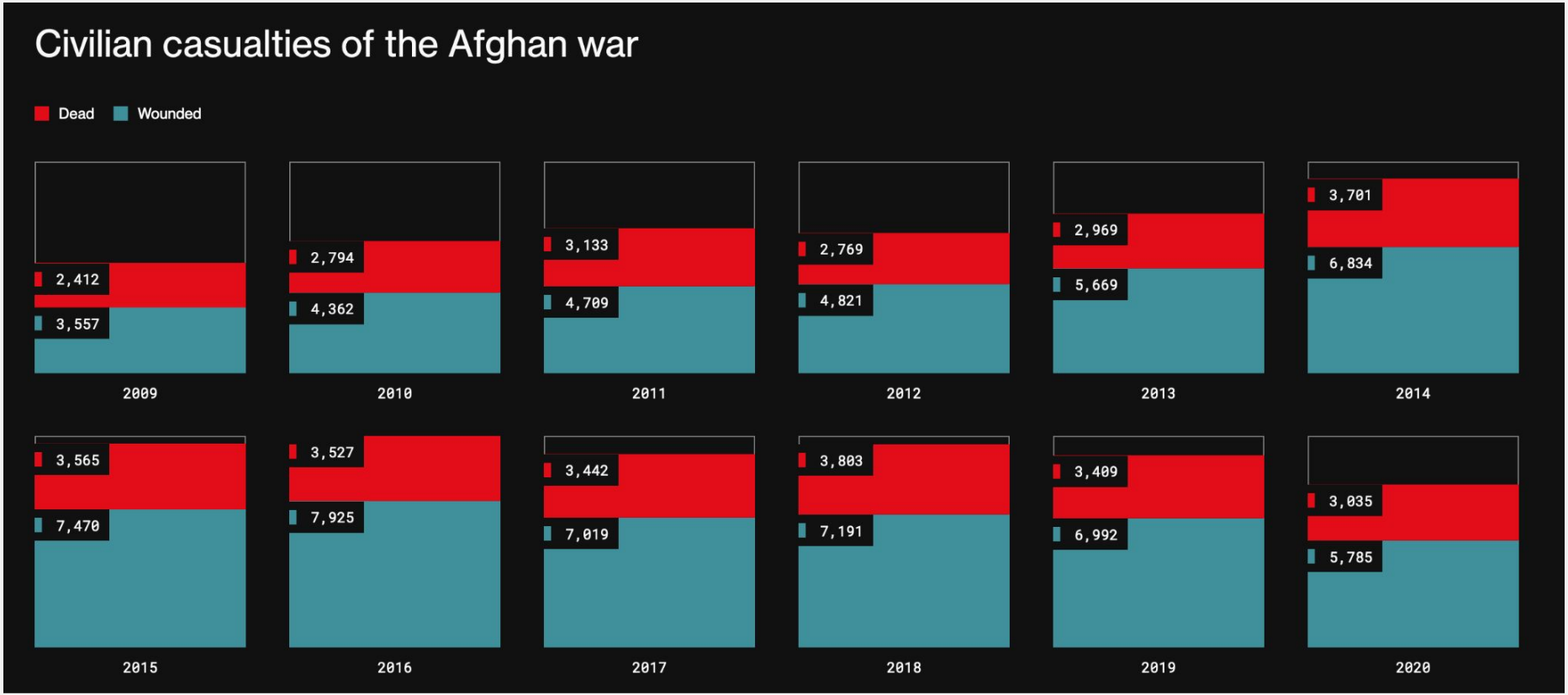
Reporting project focused on non-profit Emergency’s work in the region since the beginning of the war.

Emergency is an Italian NGO that builds and operates clinics in regions impacted by war. For over 22 years, they have had a presence in Afghanistan. We lent our services for this project as part of a new initiative to take on pro bono works where data visualization can make a difference by placing a human face on numbers.

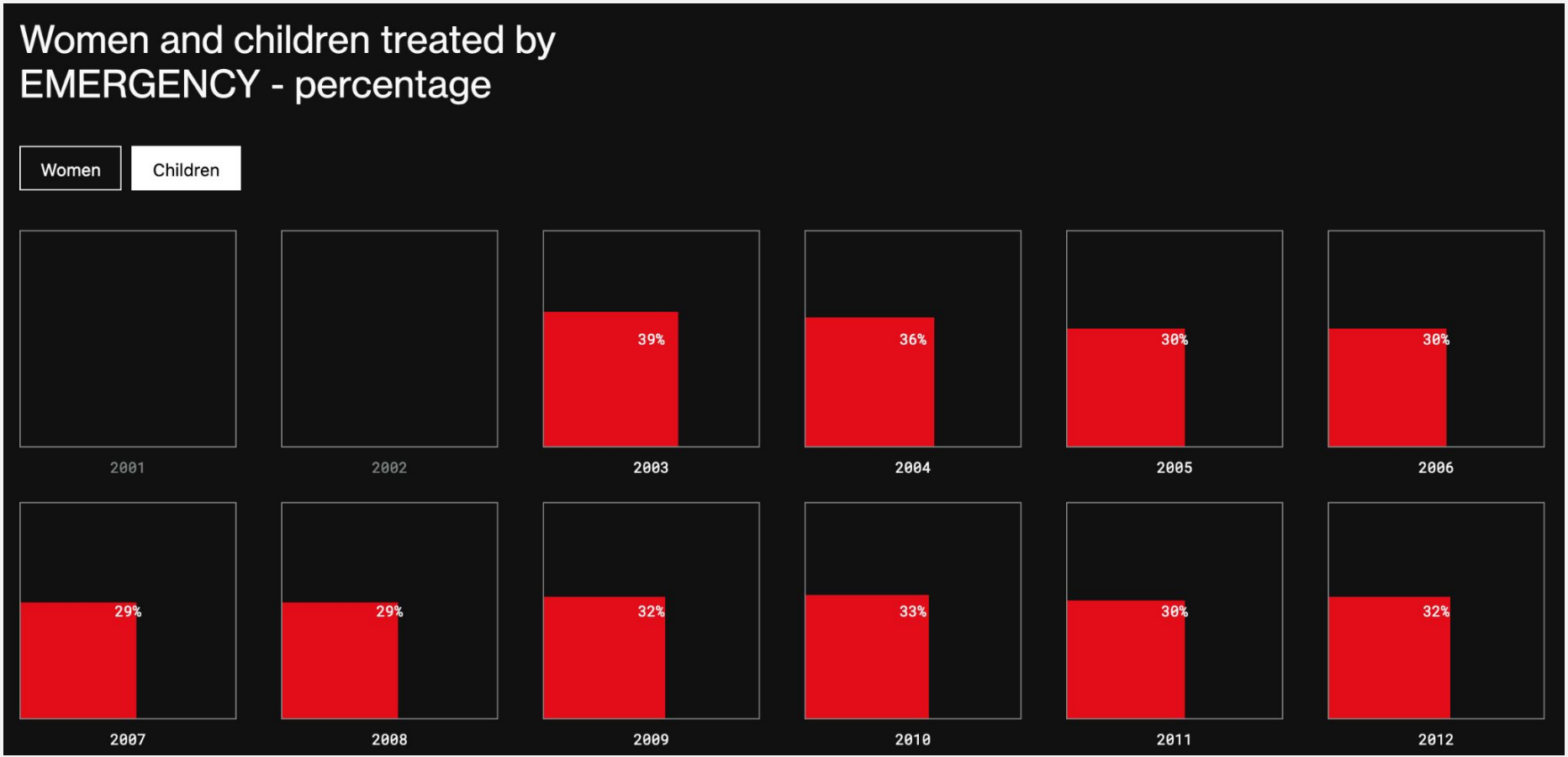


https://afghanistan20.emergency.it/en/

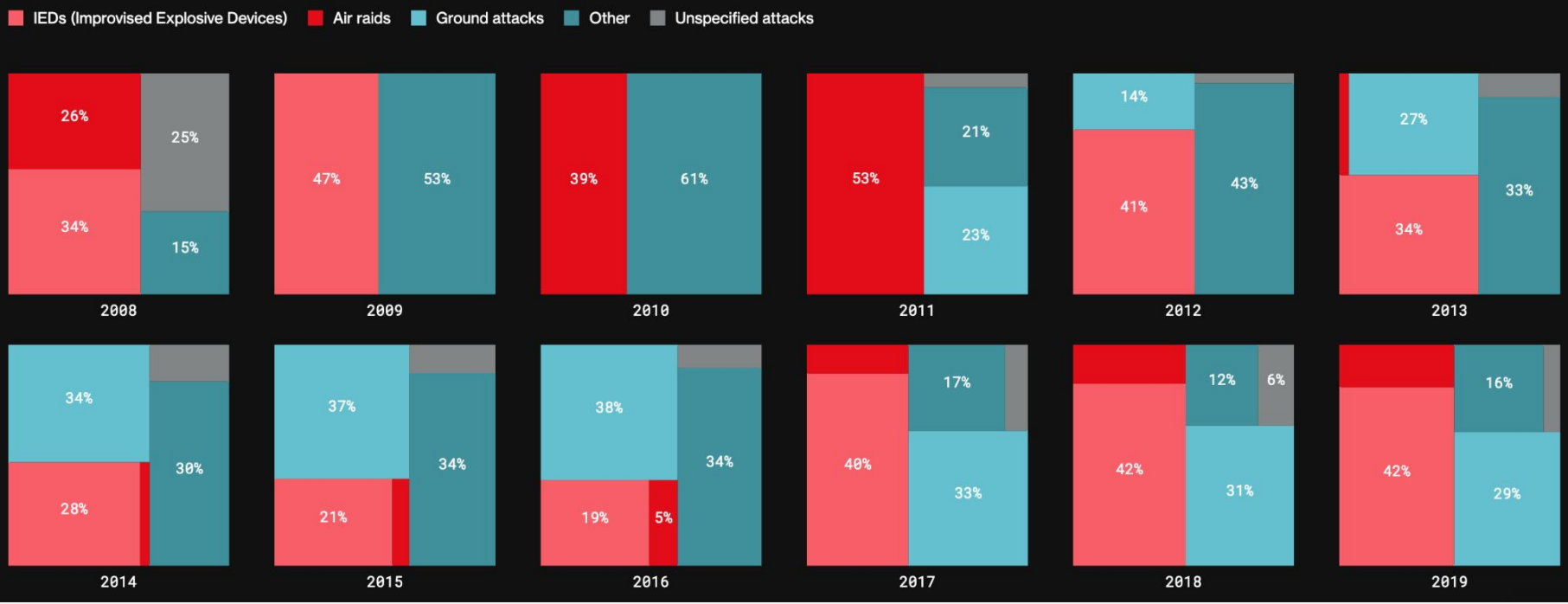

War victims treated by EMERGENCY in its three surgical hospitals
Total
Kabul
Anabah
Lashkar-Gah
Patients
686
2001
2002
863
2003
945
2004
1,335
2005
2,049
2006
1,539
2007
2,335
2008
2,274
2009
2,476
2010
2,850
2011
3,320
2012


Civilian casualties of the Afghan war
Dead
Wounded
2,412
3,557
2009
2,794
4,362
2010
3,133
4,709
2011
2,769
4,821
2012
2,969
5,669
2013
3,701
6,834
2014
3,565
7,470
2015
3,527
7,925
2016
3,442
7,019
2017
3,803
7,191
2018
3,409
6,992
2019
3,035
5,785
2020

Women and children treated by EMERGENCY - percentage



Types of attack (Source: United Nations Assistance Mission in Afghanistan - UNAMA)

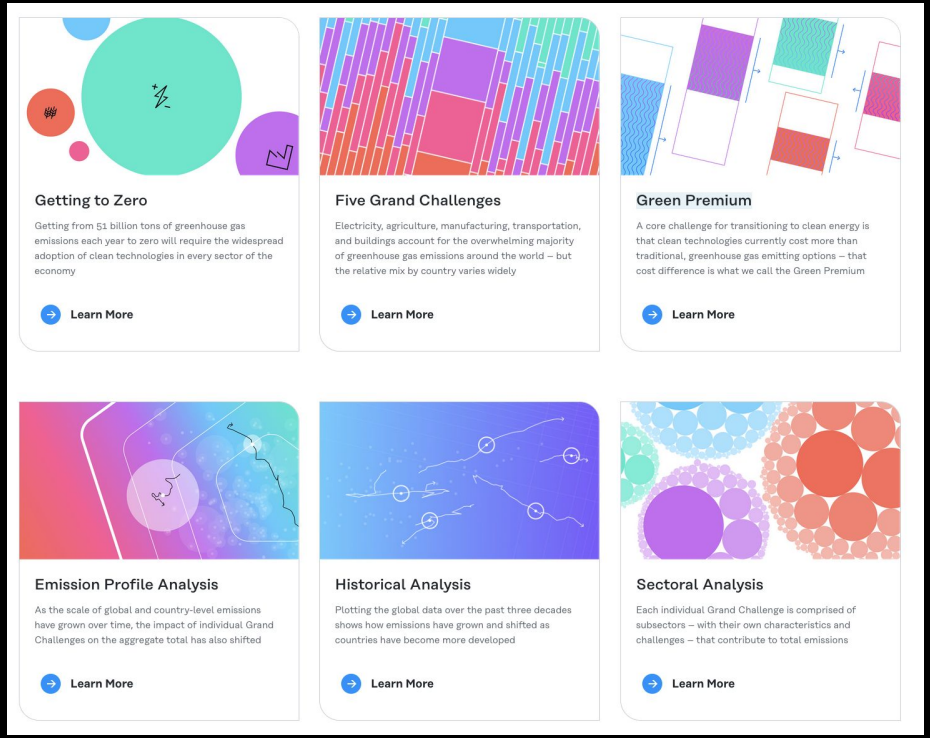


Breakthrough Energy

Data explorer

Established in 2015 by Bill Gates and a coalition of private investors concerned about the impacts of accelerating climate change, Breakthrough Energy supports the innovations that will lead the world to net-zero emissions.

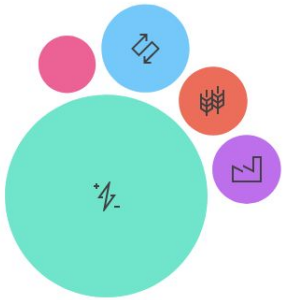
We worked on a series of interactive visualizations that help readers explore and understand data about the Five Grand Challenges to reach the net-zero goal.



https://www.breakthroughenergy.org/go-deeper/data-explorer

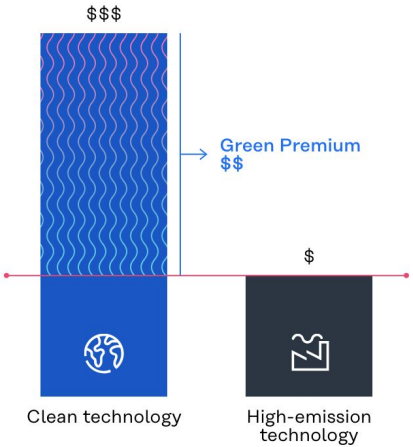
How much do you think these sectors contribute to GHG emissions in The United States of America ?

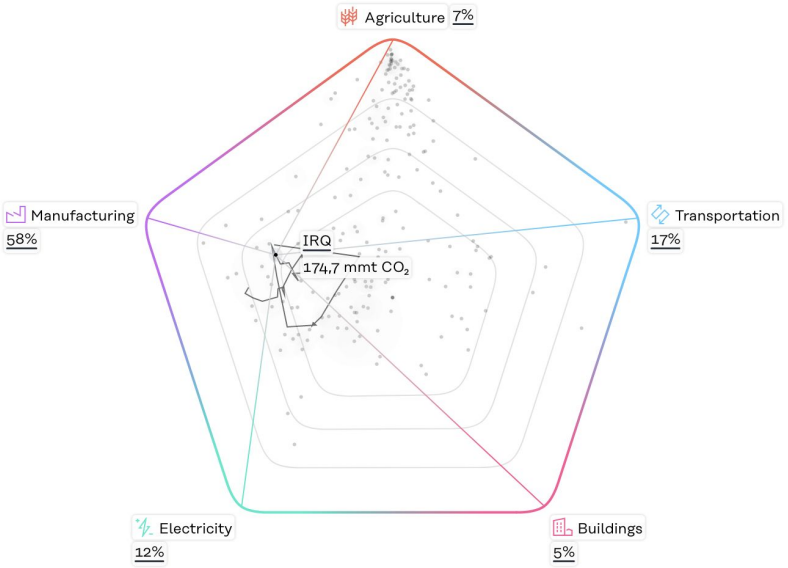
We'll need to address all of these challenges to reach net-zero emissions by 2050.



- Electricity **79%**
- Transportation **9%**
- Manufacturing **4%**
- Buildings **2%**
- Agriculture **4%**

Concept | Electricity | Transportation | Manufacturing | Buildings | Agriculture



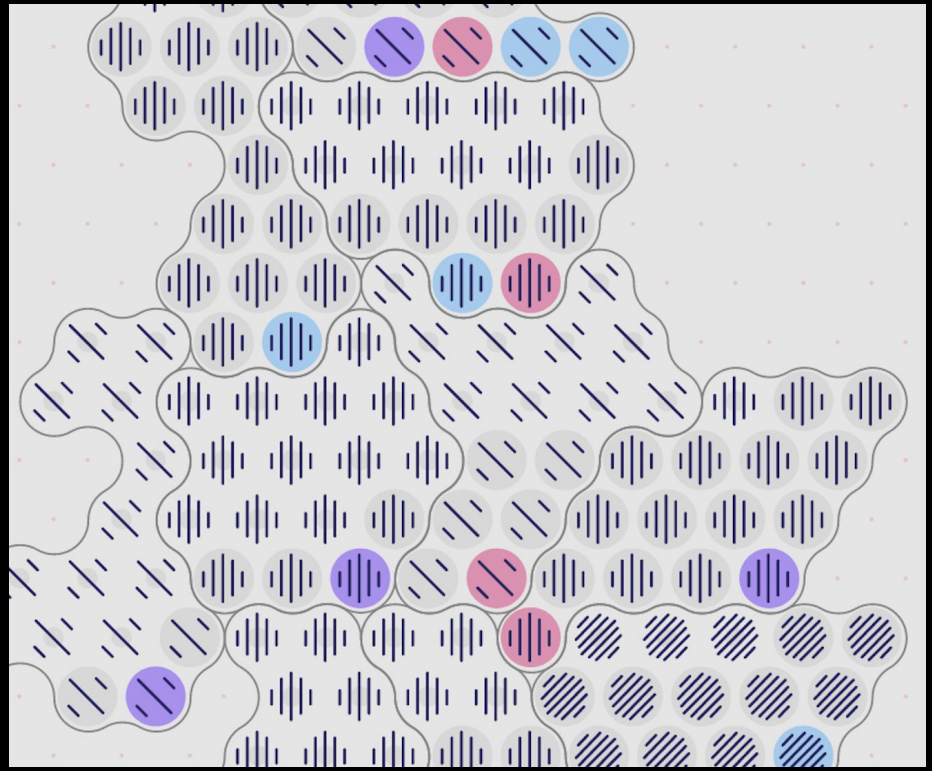


The UK Startup Explorer

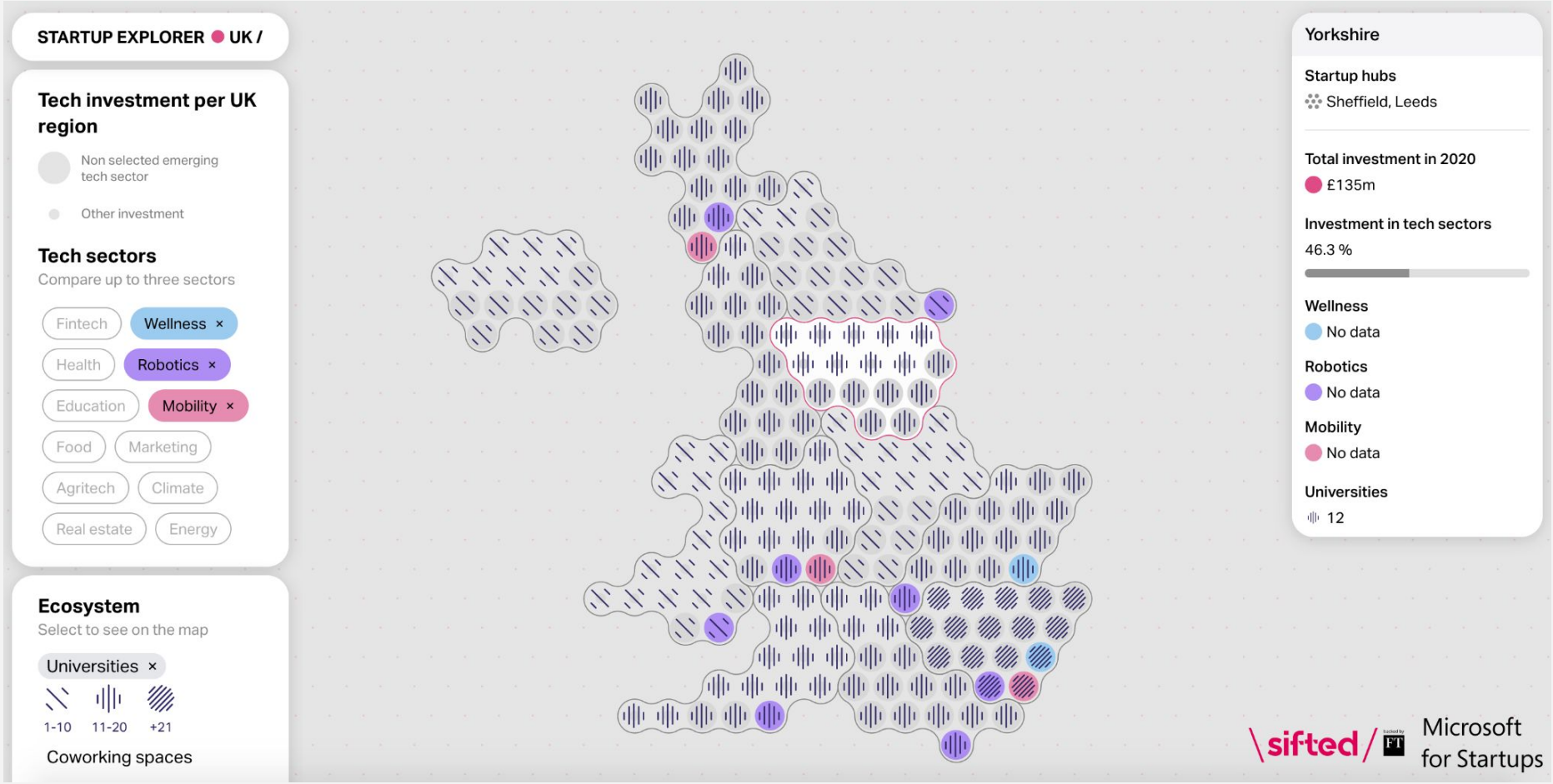
Digital visualization for Sifted

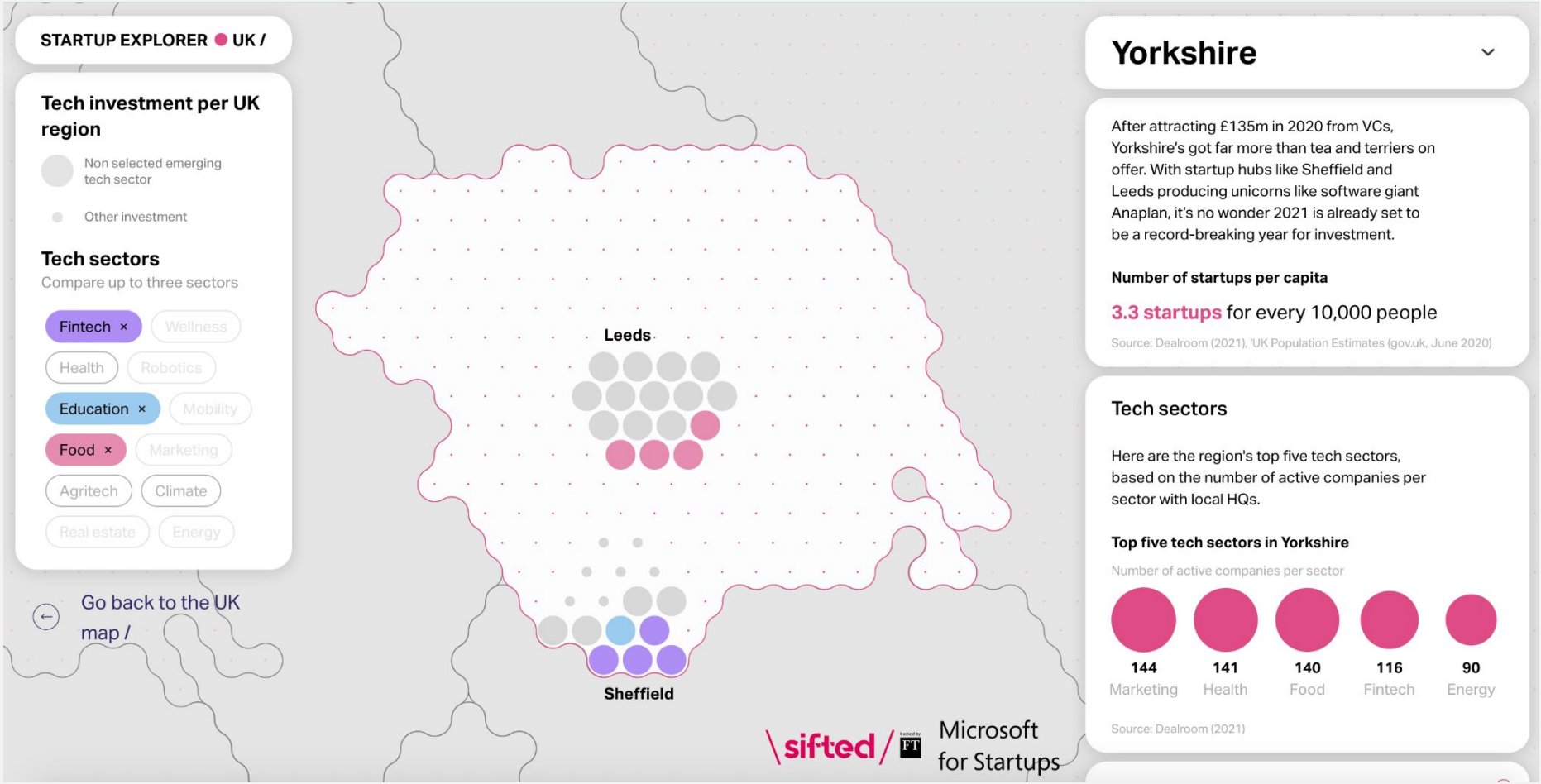
This interactive map lets you virtually ‘travel’ around the UK, visiting startup communities all over England, Scotland, Wales and Northern Ireland.

Readers can know more about the startup scenario by overlaying different information layers on the map, and by diving into areas of interest to access more insights.



https://explore.sifted.eu/map


STARTUP EXPLORER UK /
Tech investment per UK region
Non selected emerging tech sector
Other investment
Tech sectors
Compare up to three sectors
Fintech
Wellness ×
Health
Robotics ×
Education
Mobility ×
Food
Marketing
Agritech
Climate
Real estate
Energy
Ecosystem
Select to see on the map
Universities ×
1-10
11-20
+21
Coworking spaces
Yorkshire
Startup hubs
Sheffield, Leeds
Total investment in 2020
£135m
Investment in tech sectors
46.3 %
Wellness
No data
Robotics
No data
Mobility
No data
Universities
12
sifted
Microsoft for Startups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Fintech ×
Wellness
Health
Robotics
Education ×
Mobility
Food ×
Marketing
Agritech
Climate
Real estate
Energy
Go back to the UK map /
Leeds
Sheffield
Yorkshire
After attracting £135m in 2020 from VCs, Yorkshire's got far more than tea and terriers on offer. With startup hubs like Sheffield and Leeds producing unicorns like software giant Anaplan, it's no wonder 2021 is already set to be a record-breaking year for investment.
Number of startups per capita
3.3 startups for every 10,000 people
Source: Dealroom (2021), 'UK Population Estimates (gov.uk, June 2020)
Tech sectors
Here are the region's top five tech sectors, based on the number of active companies per sector with local HQs.
Top five tech sectors in Yorkshire
Number of active companies per sector
144 Marketing
141 Health
140 Food
116 Fintech
90 Energy
Source: Dealroom (2021)
sifted / FT
Microsoft for Startups

Thank you!