

The background of the slide is a deep blue color, featuring several jellyfish. In the top left, there's a large, elongated jellyfish with a bright yellowish-white internal structure. To its right is a smaller, more rounded jellyfish with a pinkish-purple glow. On the right side, a large, translucent jellyfish is partially visible. In the bottom right, another jellyfish with a yellowish-white internal structure is shown. The overall effect is a serene, underwater scene.

How Do We Spread the Benefits of AI & Data?

@oceanprotocol
Trent McConaghy

SUSTAINABLE DEVELOPMENT GOALS



Q: can AI help?

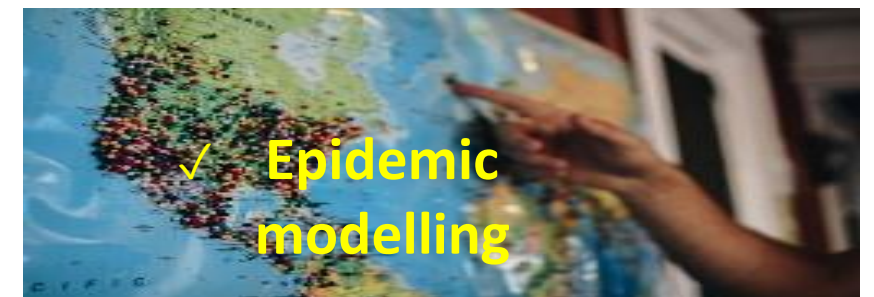


AI + Satellite projects





AI + Smart Communities



2017: AI FOR GOOD SUMMIT



XPRIZE®



United Nations
Educational, Scientific and
Cultural Organization



United Nations
Environment Programme

unicef
for every child



The UN Refugee Agency



United Nations Office for
Disarmament Affairs



United Nations
Development Programme



World Intellectual Property
Organization



United Nations Office for Disaster Risk Reduction



United Nations
Human Rights
Office of the High Commissioner



United Nations Office on Drugs and Crime



United Nations Institute for
Training and Research



Investing in rural people



Comprehensive Nuclear-Test-Ban Treaty
Organization



United Nations Population
Fund



United Nations
Institute for
Research and
Education



United Nations
Industrial Development
Organization



United Nations
Development Programme



United Nations
University



United Nations Institute for
Disarmament Research



United Nations



United Nations
Economic and Social
Commission for Europe



United Nations
Office for Outer Space Affairs



United Nations
Operations
Mission



United Nations

UN DESA

Q: can AI help?

A: Yes! #AIforGood

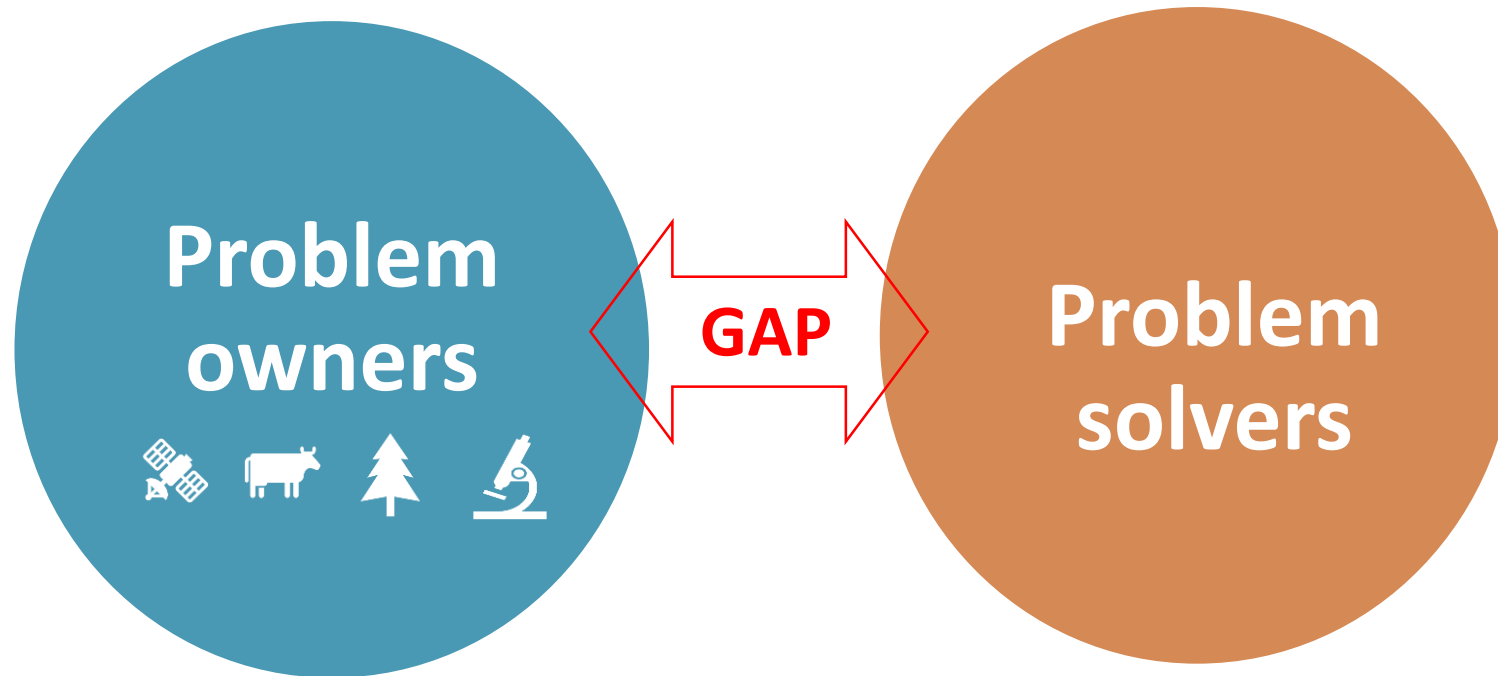


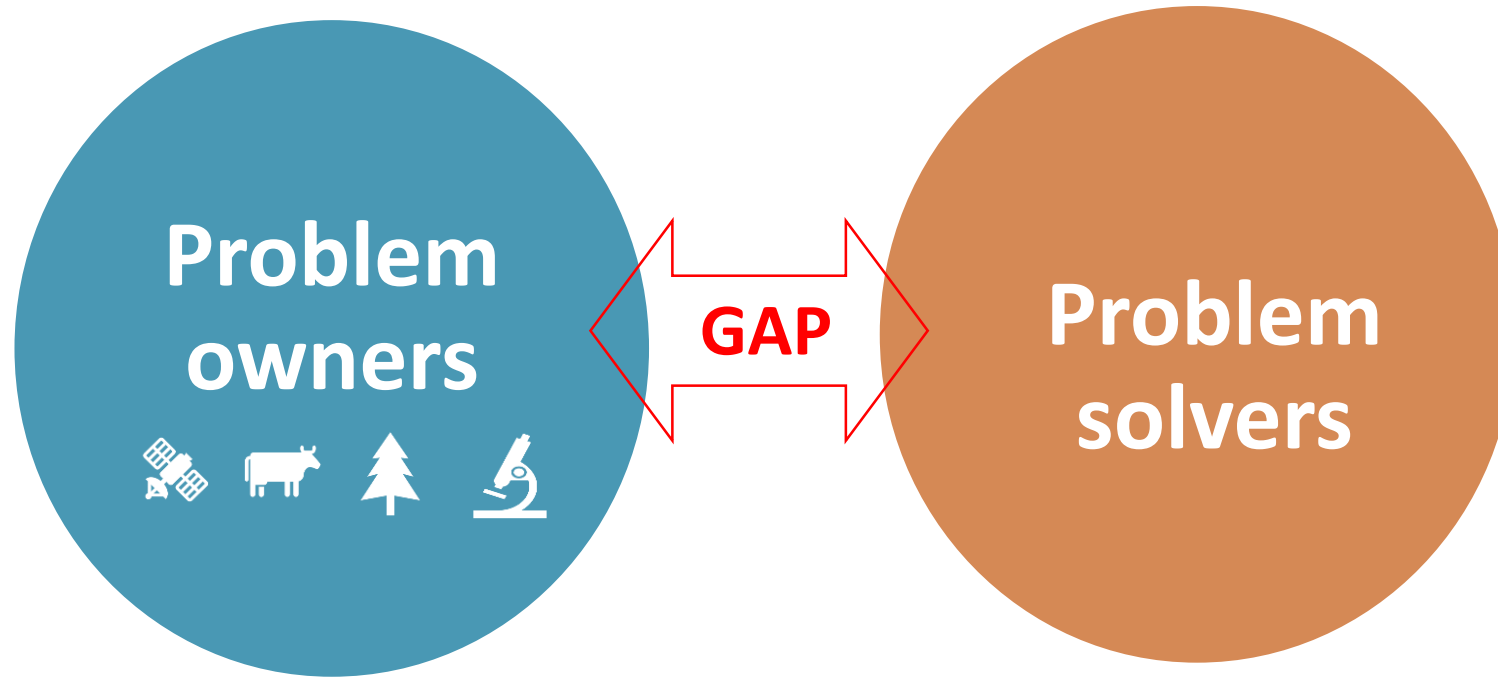
Q: can AI help?

A: Yes! #AIforGood

But...

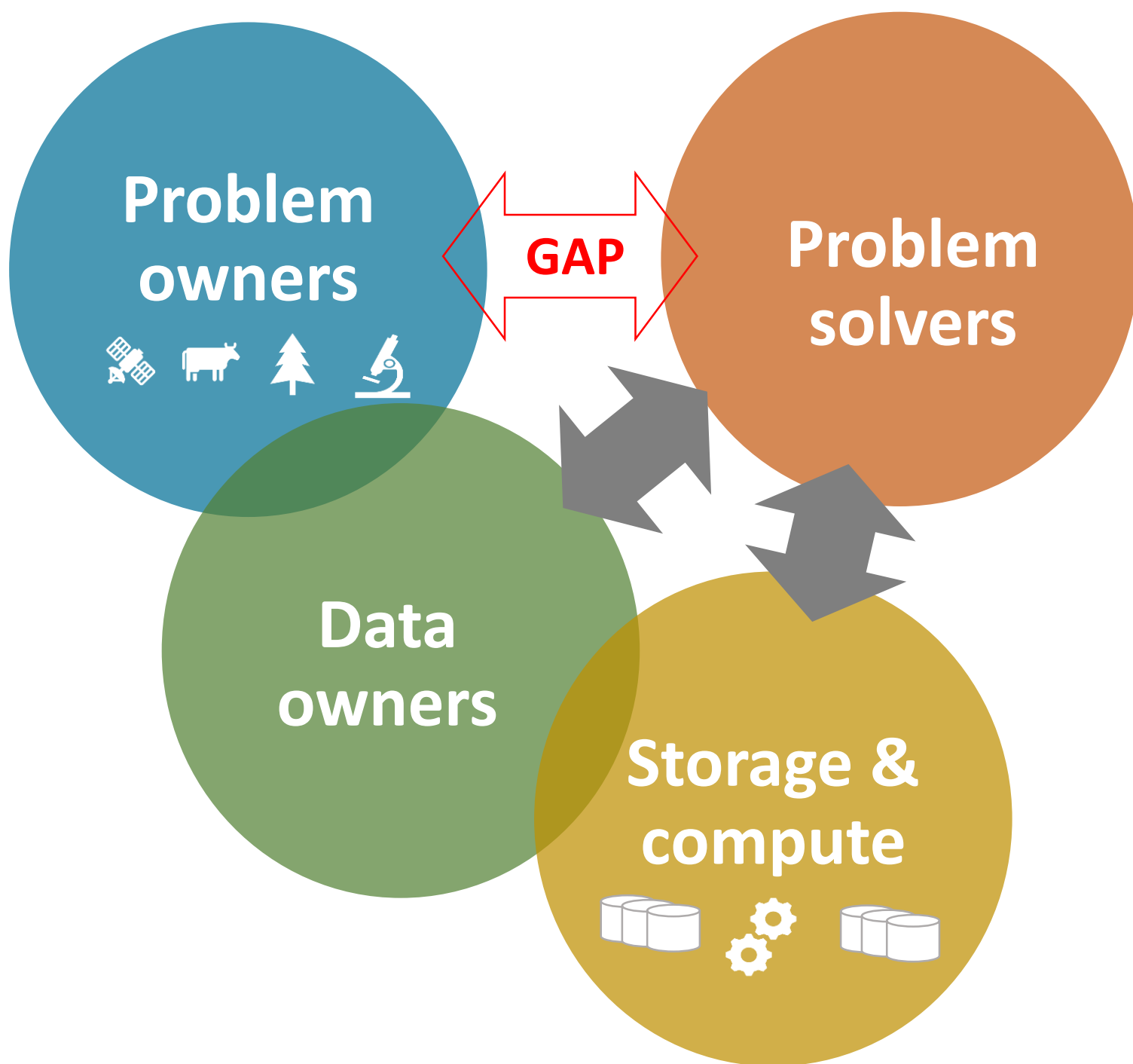






Scaling #AIforGood







Connective tissue: public utility network

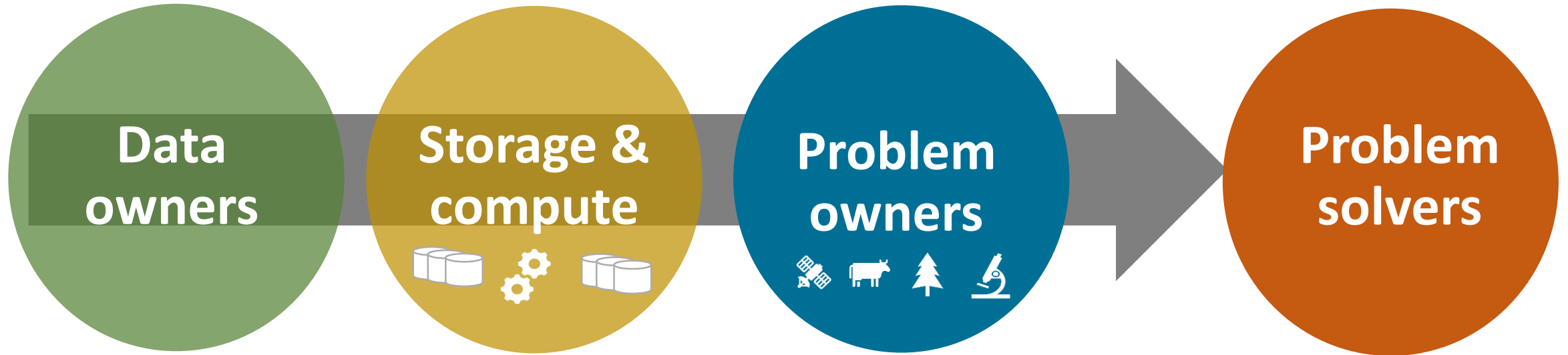


Connective tissue: public utility network

How?

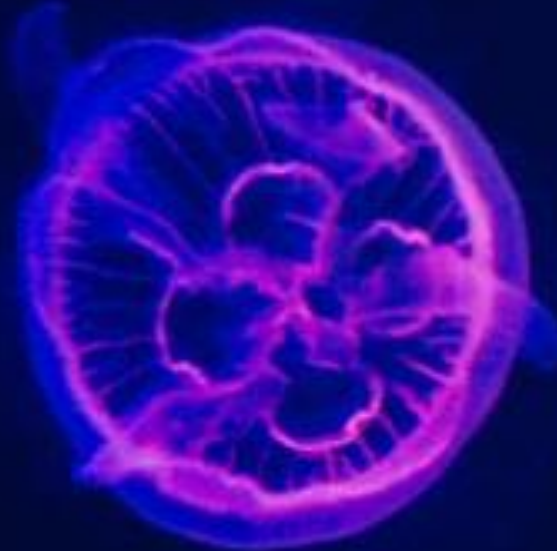
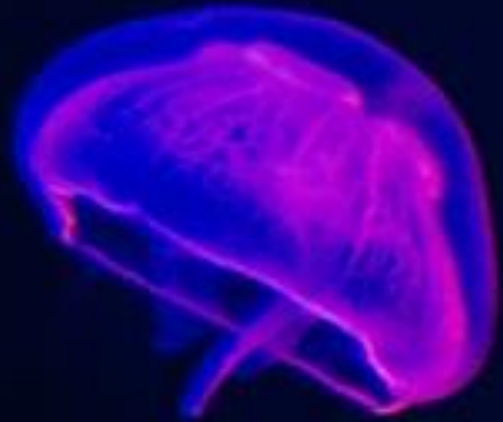
Blockchains are public utility networks



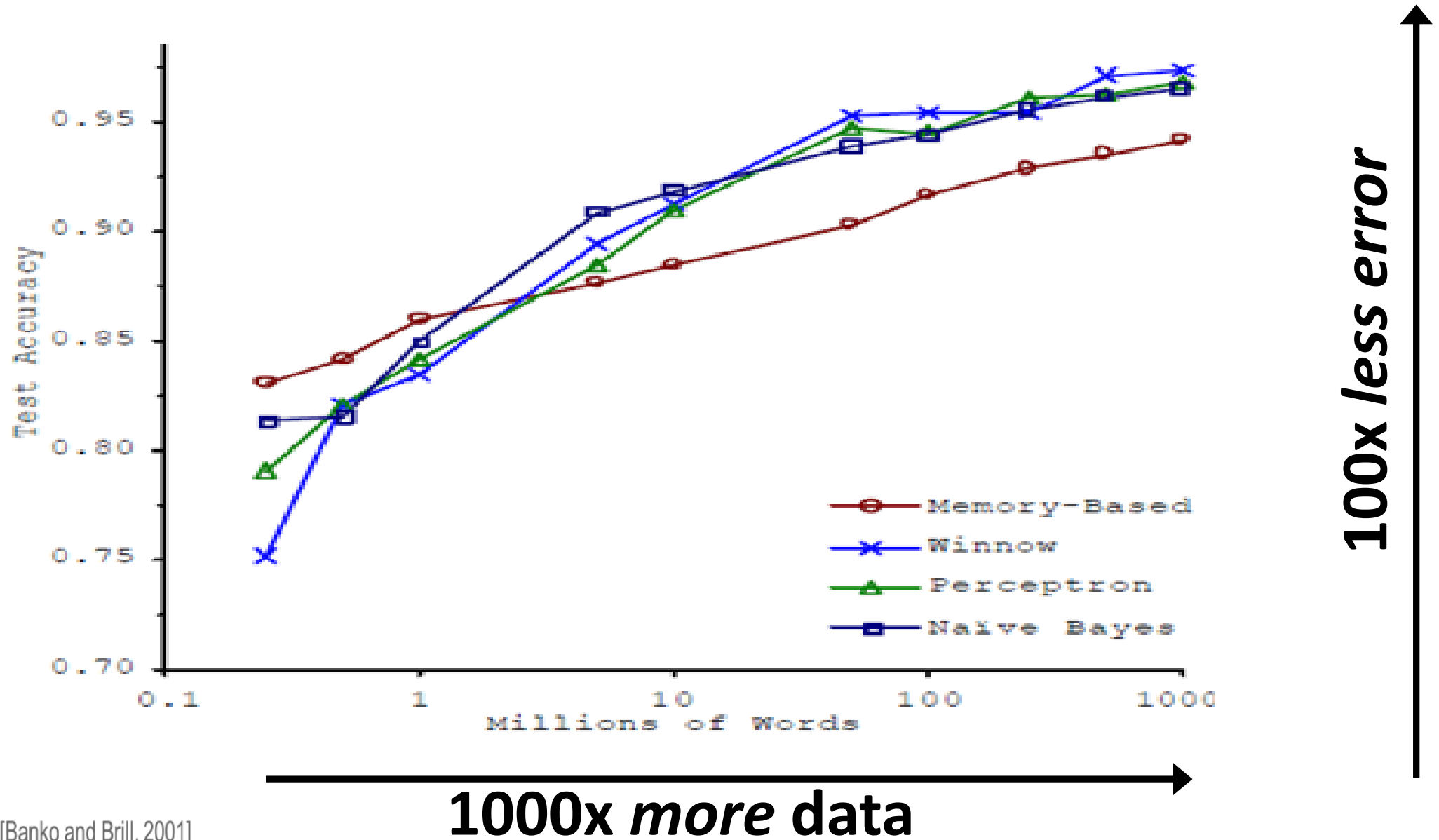


Connective tissue: blockchain public utility network
Substrate for an AI Commons

AI & data



AI Loves Data



**To unlock AI for good
We need to unlock data**



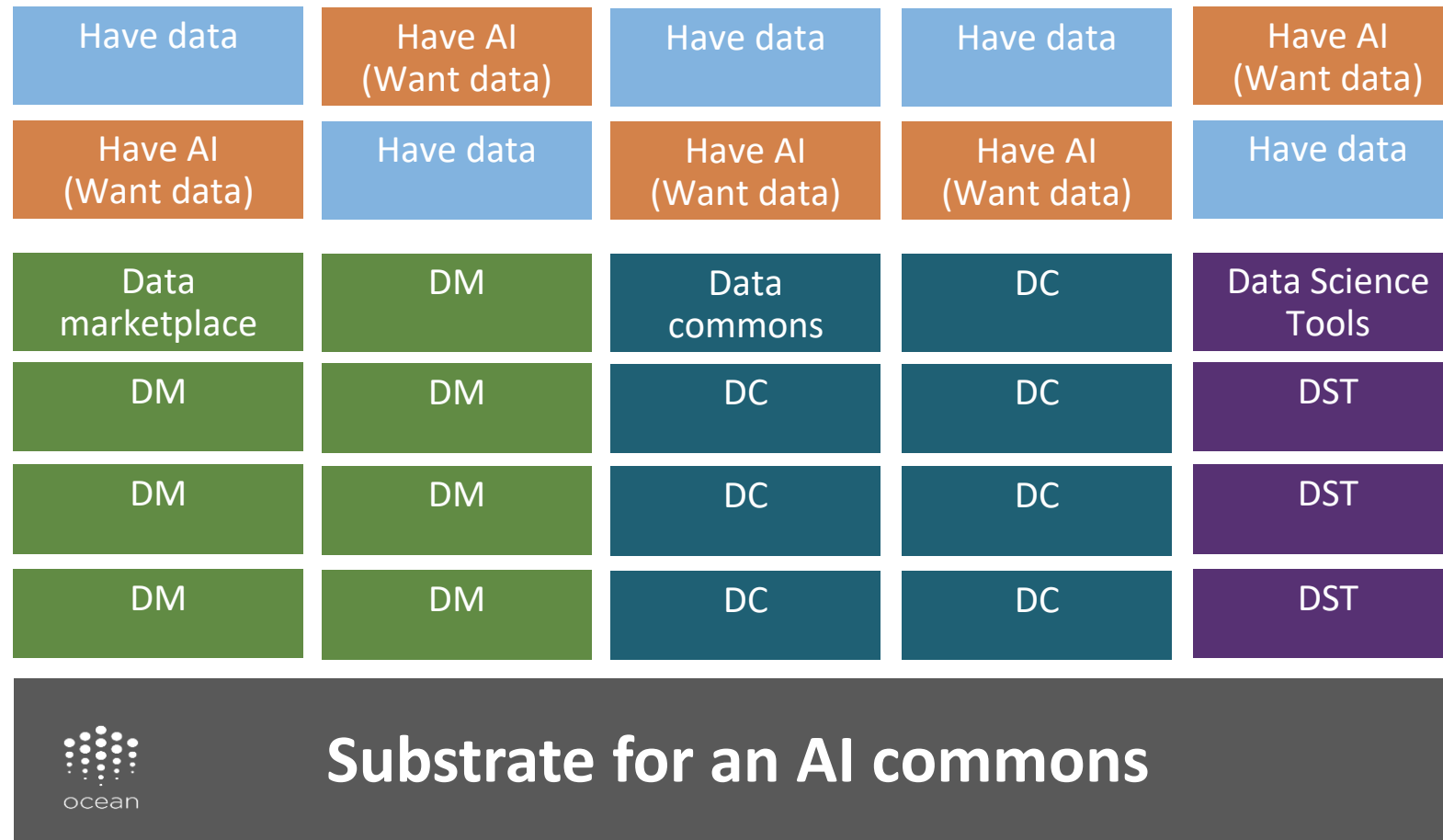
How to unlock data?

1. Connect data-haves with data have-nots
2. Incentivize for commons data
3. Unlock private data

How to unlock data?

1. **Connect data-haves with data have-nots**
2. Incentivize for commons data
3. Unlock private data

1. Connect data-haves with data have-nots: easy to create data marketplaces / commons



How to unlock data?

1. Connect data-haves with data have-nots
2. Incentivize for commons data
3. Unlock private data

Problem:

Data wants to be free.

It also wants to be expensive.

(Stewart Brand paradox)

That is:

**How do you compensate people
for supplying stuff for free?**



Blockchain Superpower:
Get people to do stuff
By rewarding with tokens

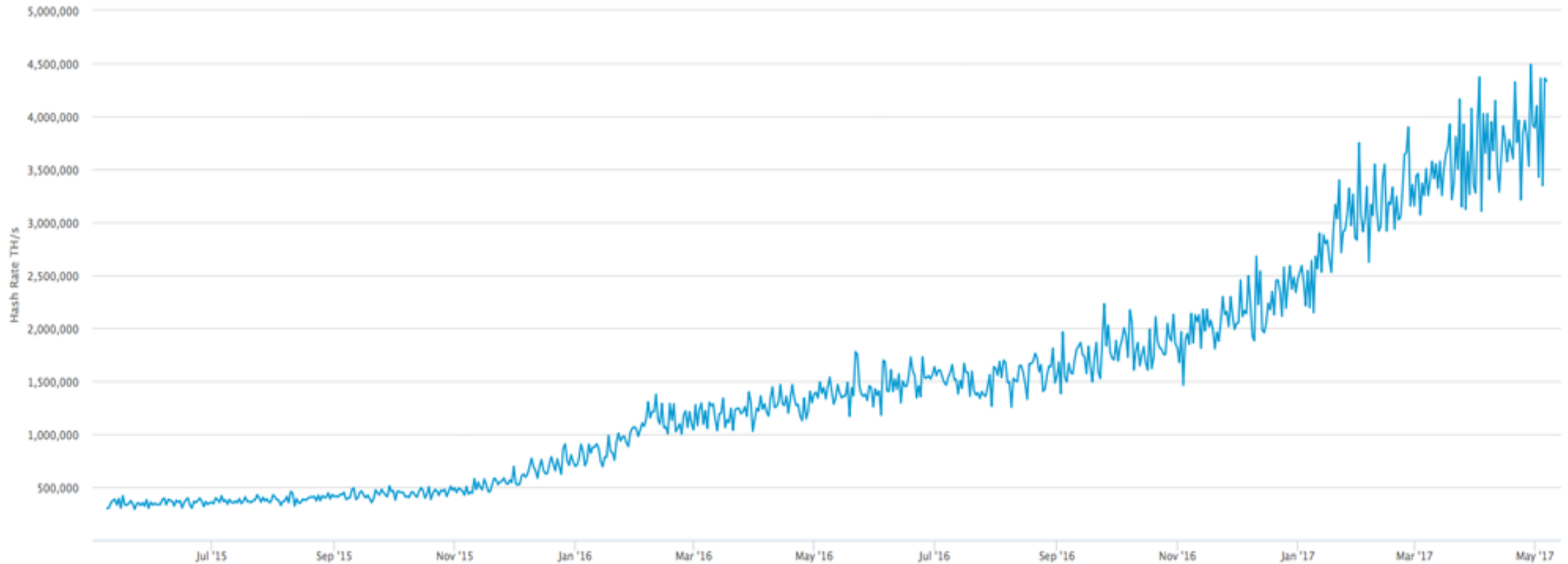




Bitcoin Incentivize:
Network rewards if you add to security



Bitcoin Security (Hash Rate) vs. Time



Question:

**How do you compensate people
for supplying stuff for free?**



2. Incentivize:
Network rewards if you add commons data



How to unlock data?

1. Connect data-haves with data have-nots
2. Incentivize for commons data
3. **Unlock private data**

**The most valuable data
Is private data**





**Data
you
have**

1 hospital

**(Private)
Data you want
*1000 hospitals***



**Data
you
have**

1 hospital

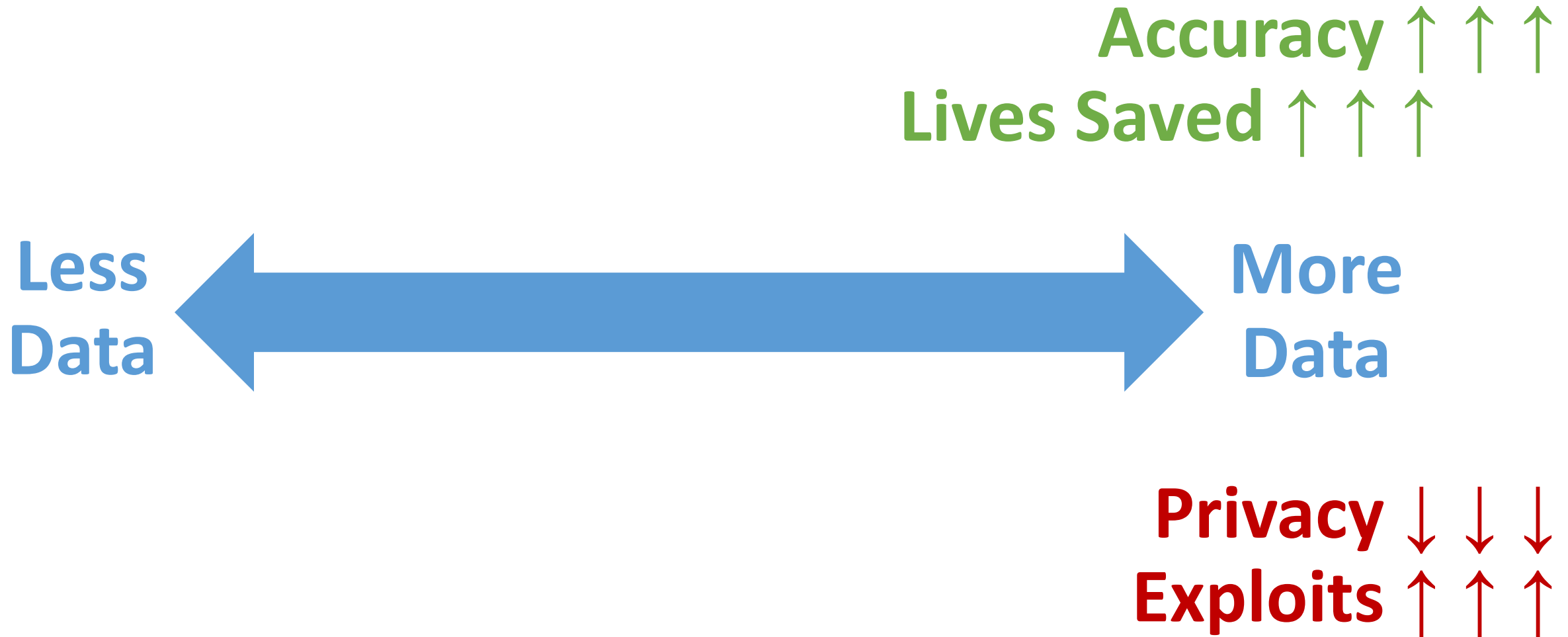


**Showstopper:
Privacy concerns**

Data you want

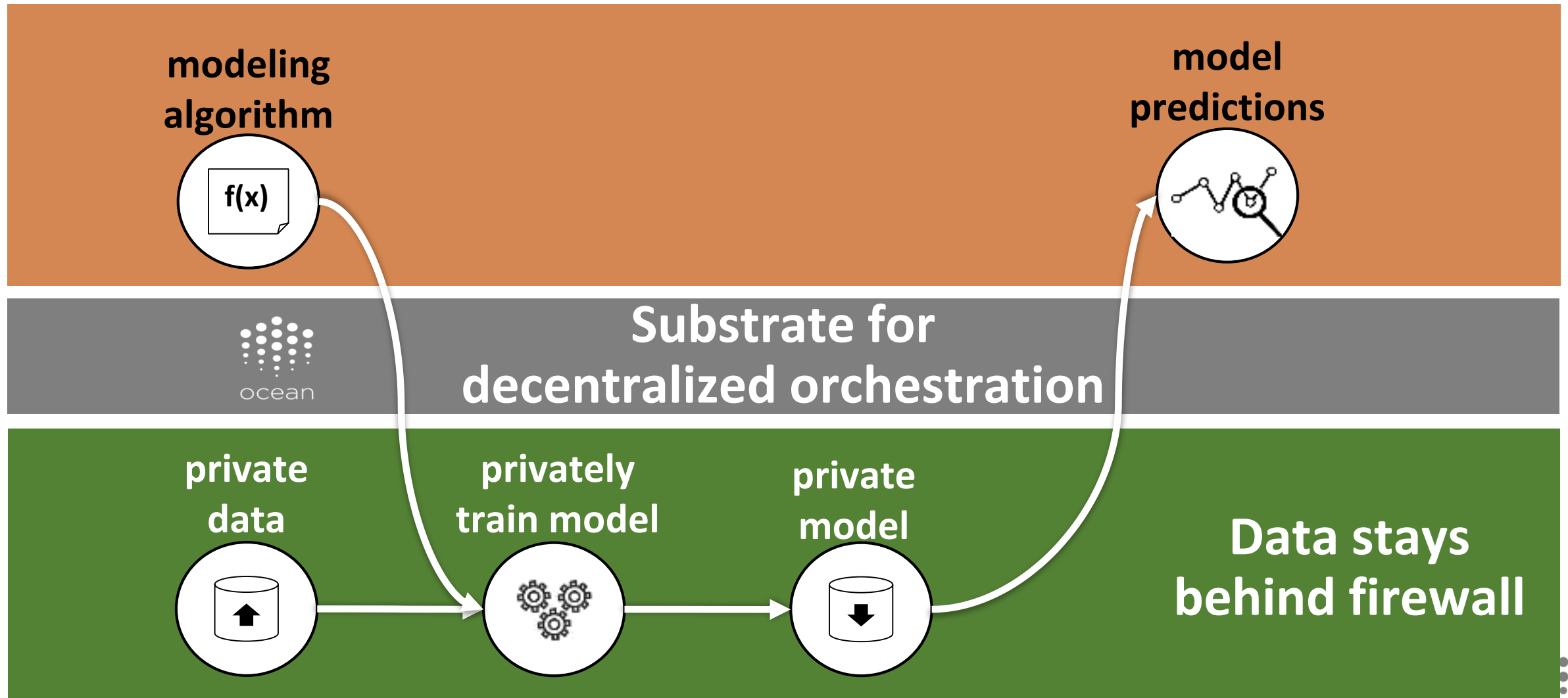
1000 hospitals

More Data is **Good** *and* **Bad**

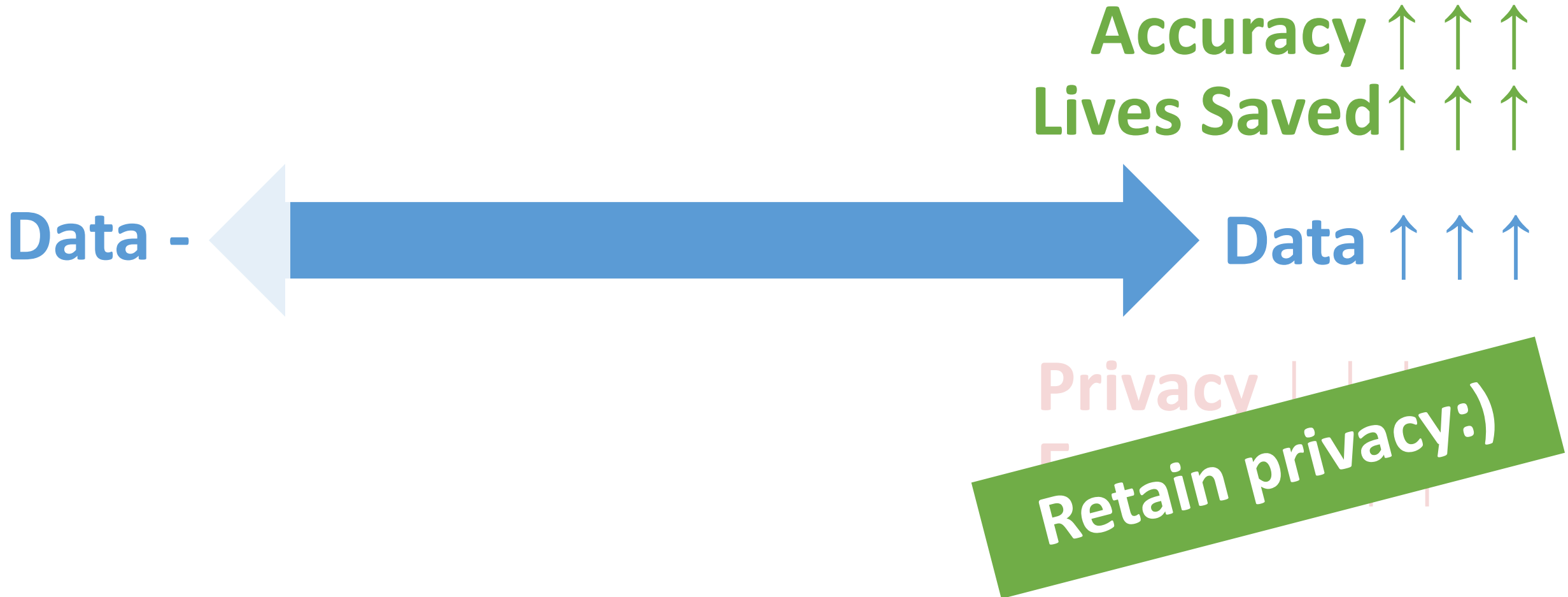


Unlock the *value* of the data while preserving privacy

How: Bring compute to the data



Ocean Resolves the Tradeoff by Bringing Compute to the Data

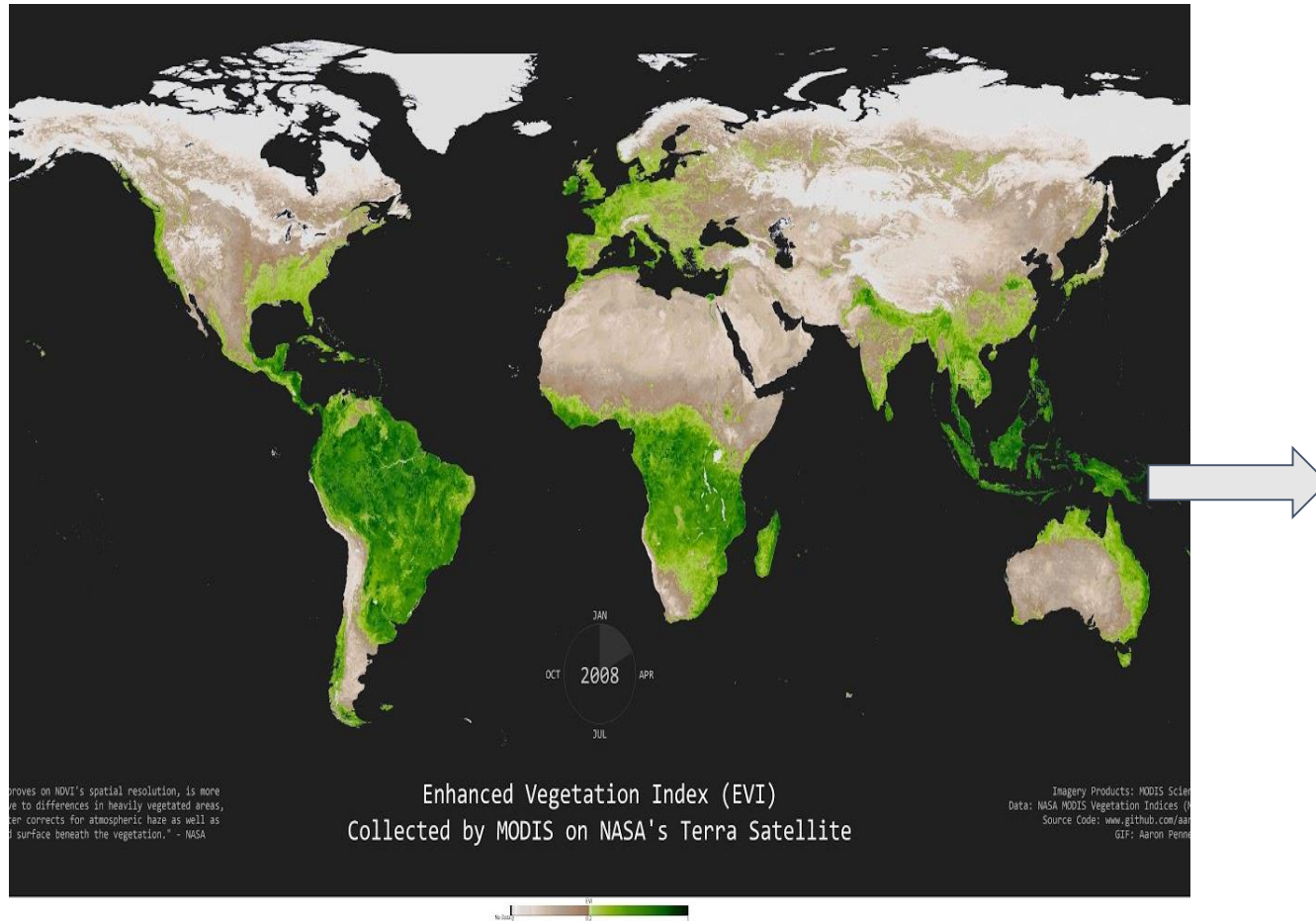




**Applications,
spreading benefits of AI & data**

Use case: water quality

Satellite data in the commons to verify impact of forest restoration on water





Better predict Parkinson's by connecting data across hospitals & borders; promoting & promoting research collaboration (ConnectedLife)



Grow Asia (WEF Spinoff):
Help small farmers allocate their fertilizer better, to increase yields



**Govt of Singapore Data Authorities (IMDA):
Give policymakers optionality to get benefits of AI,
while addressing privacy**

AI Commons: 40+ UN Agencies, AI XPRIZE A Substrate in #AIforGood



Fred Werner

@fredwerner73

Following

On stage at World AI Summit with @xprize @FondationBotnar @SColesPorter @trentmc0 @frossi_t announcing #AIcommons and @ITU #Aiforgood Global Summit. Big congrats to @SColesPorter and team for another amazing #wsai18!!



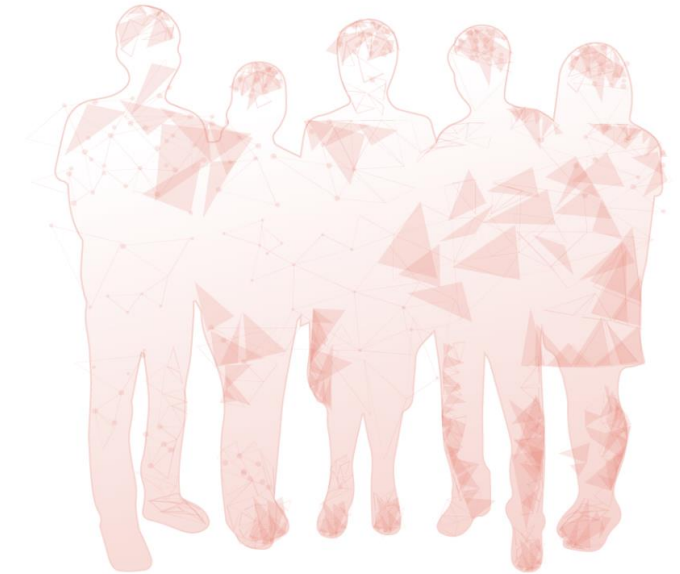
10:30 AM - 11 Oct 2018

Secure | https://www.aicommons.com

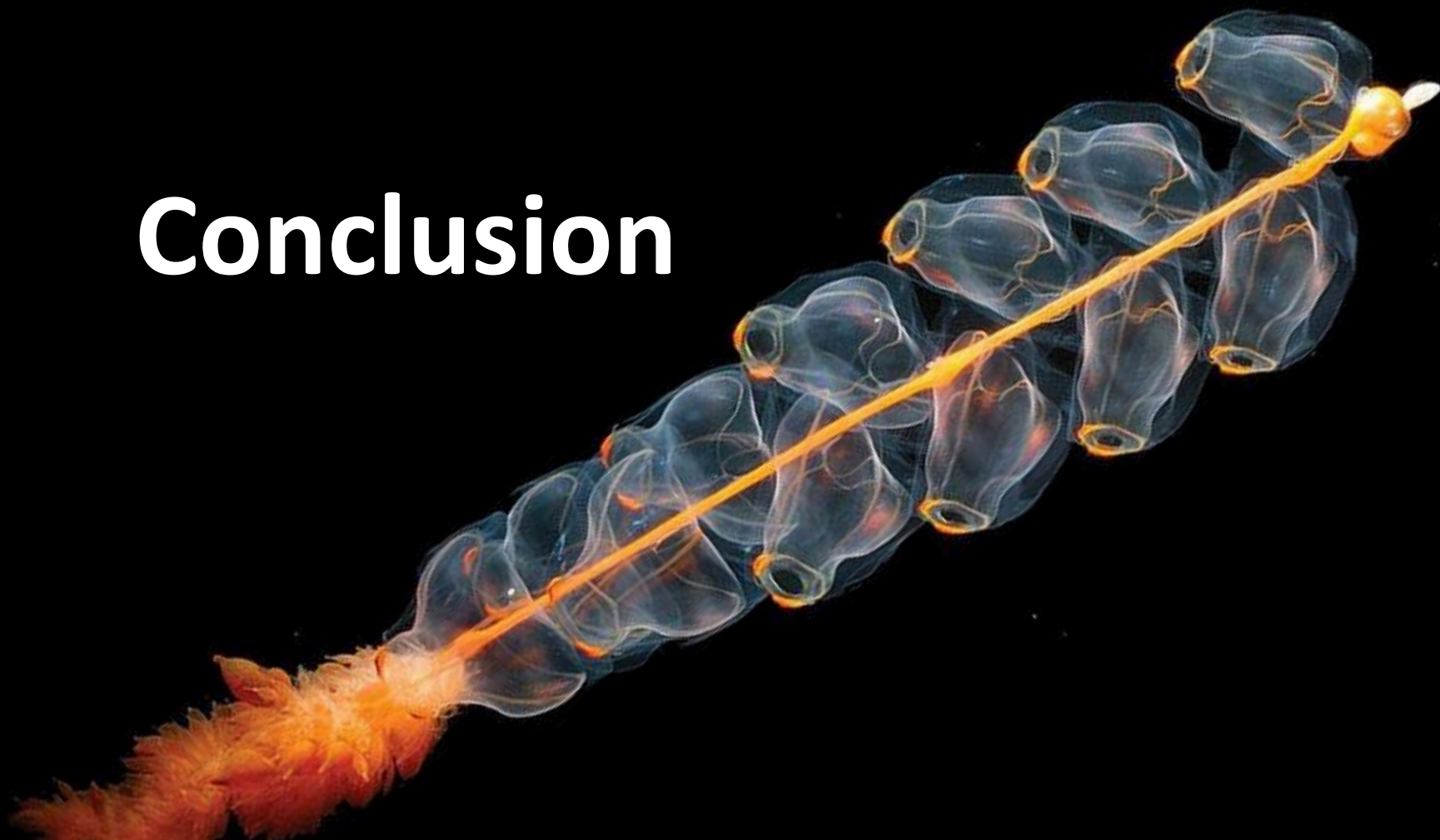
PARTICIPATE

Join the journey and let's solve the world's most pressing challenges with AI.

Participating in AI Commons means joining forces to unlock the potential of Artificial Intelligence to drive a new era of development, growth and productivity for all. It is a collective effort with multi-sectoral support from the entire ecosystem impacted by the advancement of AI practitioners and beneficiaries. **Together we are pushing the boundaries of AI to solve real-world problems.**



Conclusion



How to spread benefits of AI & data?

Do #AIforGood

At scale

**Via an AI Commons framework
That unlocks data for AI**

Trent McConaghy
@oceanprotocol