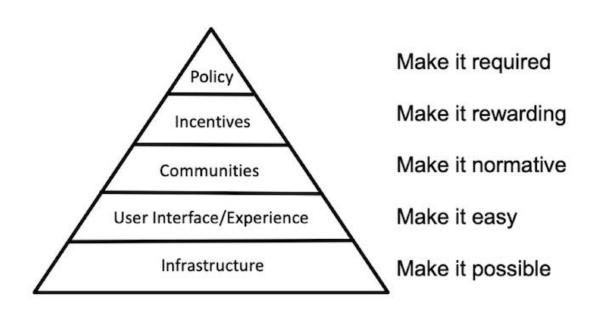


## One approach may not be enough

Taken From: https://www.cos.io/blog/strategy-for-culture-change



## **Our Approach**

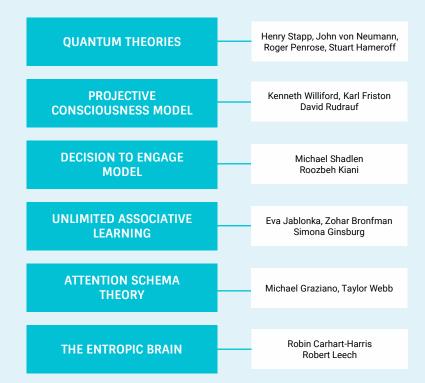
Open science practices serve as tools that solve practical problems.

- There are many tools to try.
- Proof of concept projects have great value.



# PROBLEM 1: RESEARCH ON CONSCIOUSNESS

FIRST ORDER THEORIES	Victor Lamme, Ned Block
HIGHER ORDER THEORIES	David Rosenthal, Hakwan Lau, Joe LeDoux, Richard Brown, Axel Cleeremans
INTEGRATED	Giulio Tononi, Christof Koch
INFORMATION THEORY	Melanie Boly
GLOBAL WORKSPACE	Stanislas Dehaene,
THEORY	Lionel Naccache, Bernard Baars
BIOLOGICAL	Antonio Damasio, Ned Block
THEORIES	Francis Crick
PREDICTIVE CODING	Karl Friston, Anil Seth
THEORY	Cyriel Pennartz



#### THE USUAL APPROACH

**Grant Making "Business as Usual"** 



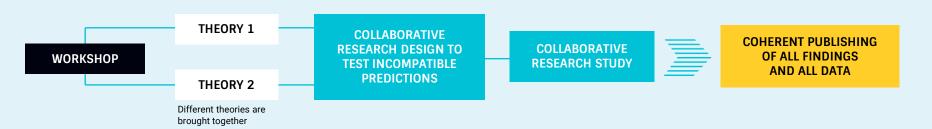
#### THE USUAL APPROACH

**Grant Making "Business as Usual"** 



#### **OUR APPROACH**

**Structured Adversarial Collaboration** 



## **RESULTS SO FAR**

1	INTEGRATED INFORMATION THEORY	vs.	GLOBAL WORKSPACE THEORY	\$5M ACTIVE GRANT
2	INTEGRATED INFORMATION THEORY	VS.	GLOBAL WORKSPACE THEORY	PROPOSAL (2021)
3	FIRST ORDER THEORIES	vs.	HIGHER ORDER THEORIES	\$3M ACTIVE GRANT
4	QUANTUM THEORIES	vs.	NON-QUANTUM THEORIES	UNSUCCESSFUL
5	PREDICTIVE CODING	vs.	INTEGRATED INFORMATION THEORY	PRE-PROPOSAL (2021)

#### **Structured Adversarial Collaboration**

**Media Coverage** 















### **Structured Adversarial Collaboration**

WHAT GOES WRONG?

#### **LIMITED METHODOLOGIES**

**REQUIRES SUBSTANTIAL COMMITMENT** 

**LIMITED TO HYPOTHESIS FALSIFICATION** 

## OTHER TOOLS ON OUR RADAR

	Early conversations	Idea under development	Active project / Proof of Concept	Completed project / implementation
Plan S				
Open Lab Notebook				
Registered report RFP				
Open External Review				
Open user interfaces				

## Take-away points

- Policies are useful, but there are many tools to try.
- Proof of concept projects have great value.
- Contact me if I can help you: <u>dawid@templetonworldcharity.org</u>

