TOOLS LANGUAGE

WHY GOVERNMENT CANNOT MANAGE THE 21ST CENTURY

- 21st Century Problems
- Climate, for example, is hard
- The Big Threats
 - Nukes, Biotech, Nanotech, Asteroids, Weird Physics, Environment
 - Mostly government funded

CORPORATIONS DID PRETTY WELL... IN THEIR DAY...

- Increase shareholder value
- Externalize all possible costs
- Grow without limits
- Limited liability incompatible with environmental limits
- In short, a colossal hack
- Arms of the State, anyway

STATE/CORPORATE INTERFACE

- Limited liability in return for corporate tax payments
- Patent in exchange for limiting trade secrecy
- Gov/corp revolving door
- Regulatory capture
- Threatens democracy itself

THIRD CLASS OF ACTORS

- Charities, religions just corps
- Massive work-together social movements are different, new
- Wikipedia, Linux... Occupy?
- Something is happening out there
- Let me tell you my part of it...

THREE PROJECTS

- Hexayurt Project world's cheapest/best emergency house
- SCIM systems mapping and crisis communications system
- EdgeRyders & STAR-TIDES
 Open Government + Networks

HEXAYURT PROJECT

Lesson 1: Real Change is Slow

- Thomas Kuhn, Structure of Scientific Revolutions
- Doubles every year? 33 Years!
- In starting, you know nothing
- Growing with people takes much longer than doing work
- Lasting change changes people

Lesson 2: Passive Cooperation

- 90% never leave a comment
- Cooperate with silent majority
- Modules and components
- Documentation, Free licenses
- Encourage lateral transfer
- Give space for people to lead
- Interfaces, APIs, capabilities

SIMPLE critical infrastructure MAPS

Lesson 3: Controlled Vocabularies

- Medical students learn anatomy
- Things have exactly one name
- Everybody who's on the team shares precise language
- Without this, it's madness
- AIRSPEAK, SEASPEAK
- Occupy is building some bits

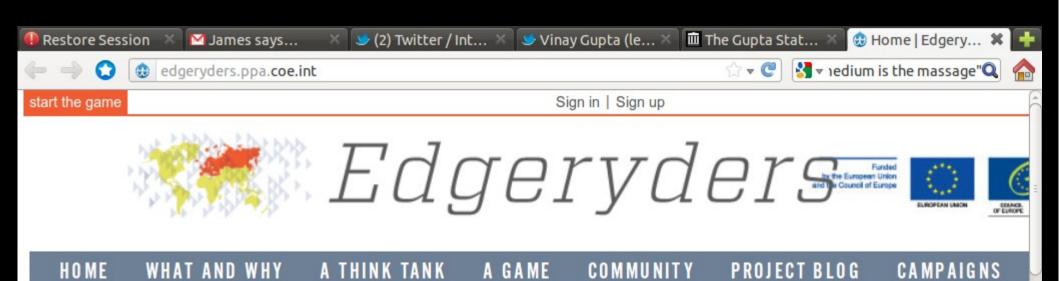
Lesson 4: Put the Meaning and Purpose in the Language

- SCIM *starts* with the Individual level, not the State
- That's most useful, but it also builds the goals into the map
- There's always an implicit map
- The Medium is the Message
- The map/lang shapes thought (Sapir-Whorf hypothesis)

EdgeRyders & STAR-TIDES

EdgeRyders – Council of Europe

- Alberto Cottica/Nadia ElImam
- Council of Europe wanted info
- A great online gathering game
- Performative research, leaves a real network in place
- COME TO STRASBOURG
 - http://bit.ly/edgeconf



WELCOME TO EDGERYDERS

CET HELP

with your own transition to the future. See what the most creative and generous young people in Europe are up to, get in touch with them, get inspiration as to where you can go





STAR-TIDES – US Dept of Defense

- In 2006 it was a good idea
- Then I believed that the Democrats would fix America
- Obama supports Guantanamo
- But still, good people building a civil-military network to help
- Disaster relief info sharing



Sharing Sustainable Solutions





Lesson 5: The Fishing Rod of State

- Legitimacy, Wealth and Power at one end, no local knowledge
- Local expertise is stored one person at a time, a nurse say
- Ideally each individual has the full weight of the rod with 'em
- Not painting with a boat oar...

Legitimate Flexible Power Response



Lesson 6: Generating Legitimacy

- State has three kinds of actors
 - Bureaucracy stable and slow
 - Markets fast, agile, reckless
 - Networks subtle, powerful
- Keeping intentions pure, without self-interest, to the end
- Let's think networks for a bit

Information-dense Human Systems

- Complexity of core systems up!
 - Monarchy one head limits
 - Democracy voting
 - Markets price signals
 - Networks broad engagement
- Smart systems out-compete
- But why the global gridlock?

The Goat Rodeo

goals	same	different
same	CARTEL	COMPETE
different	COOPERATE	GOAT RODEO

Nash and Coase

- Economists, Nobel winners
- Nash Equilibrium in which the game sucks but nobody can do better by changing alone
- Coase's Nature of the Firm in which Hierarchy exists to reduce cost of Understanding

The Nash-Coase Intersection

- Globally locked in Nash eq.
- Now info get cheaper, better
- Coase says smaller actors now
- US loses to Al Qaeda post 9/11
- Failing States = Coase Crunch
- Big Six need new Nash eq.
- Recentralize core governance?

What does this mean for us?

- Cheap information = small players in networks win
- The State is struggling badly
- International level goat rodeo
- Generation-long time lag for full network paradigm shift
- Democratically Legit Networks

Personal strategy for the challenge

- Depression comes if you expect better from people/the world
- Weak states make billionaires
- Global poor now on the march
- Family, human values, morals
- Chaos beyond belief, no clarity
- Rapidly socialize healing tech

Managing the megathreats

- Can government manage the Big Six or will networks do it?
- Democracy still works (Pirates)
- Shift in tech, shift in values

The crisis requires more of us than we have managed so far

Vinay Gupta hexayurt.com/map (a) leash less

good luck!