

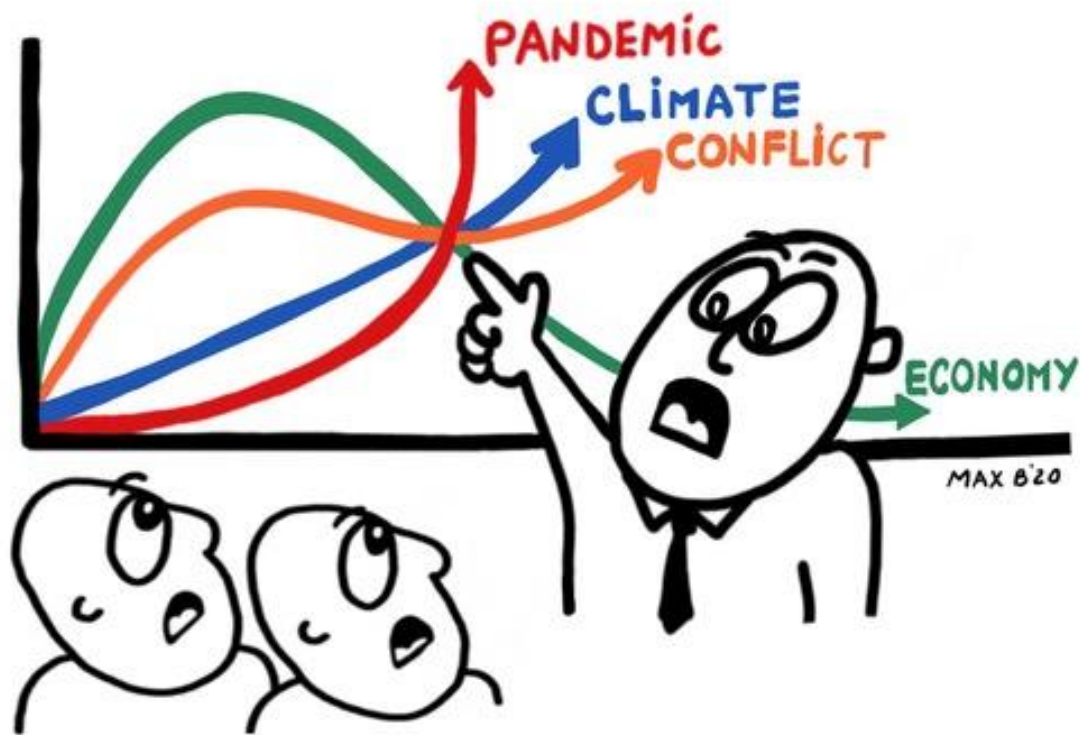
Climate Risks & Shocks:

Learning from Cartoons, Doughnut Economics, and You

by Pablo Suarez, Ph.D.
Innovation Lead

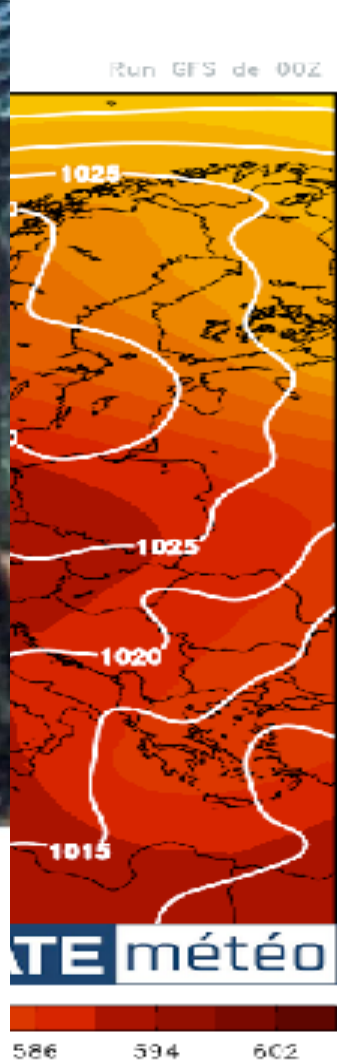
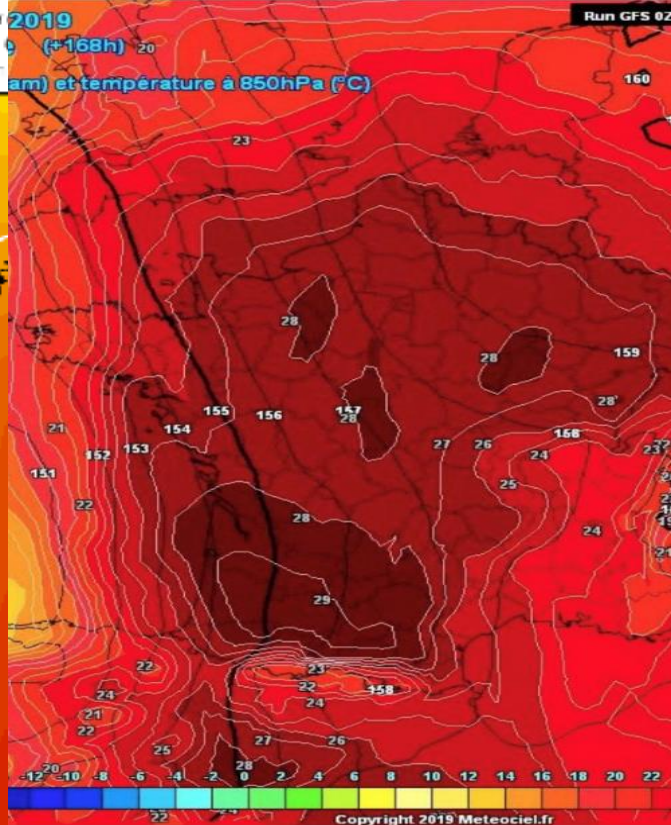


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- The disasters are collaborating better than we are!

Geopotential 500hpa et pr
Tue 25 JUN 2019 - 12Z
Copyright: www.meteo-france



Ruben H

@korben_meteo



A gauche carte des températures à 1500m prévues par GFS. A droite le cri de Munch.

Jamais vu ça en 15 que je regarde des cartes météo #canicule

♡ 1,378 7:11 AM - Jun 20, 2019

The Ocean and Cryosphere in a Changing Climate

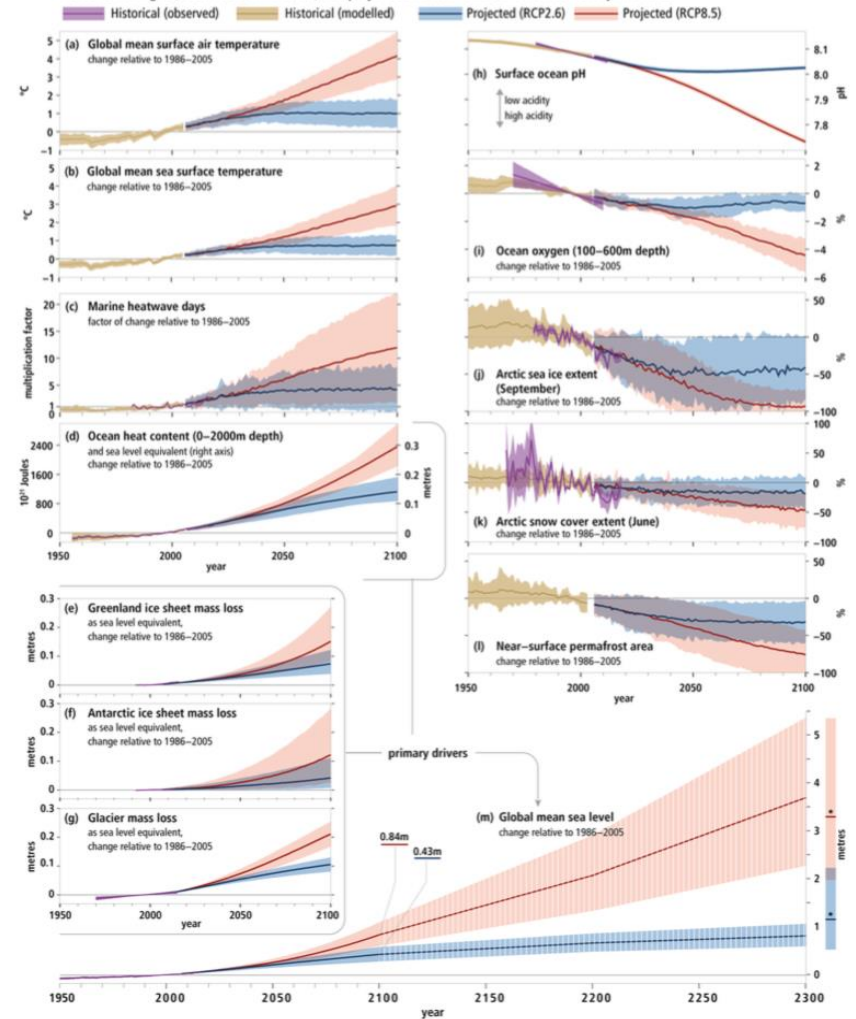
This Summary for Policymakers was formally approved at the Second Joint Session of Working Groups I and II of the IPCC and accepted by the 51th Session of the IPCC, Principality of Monaco, 24th September 2019

Summary for Policymakers



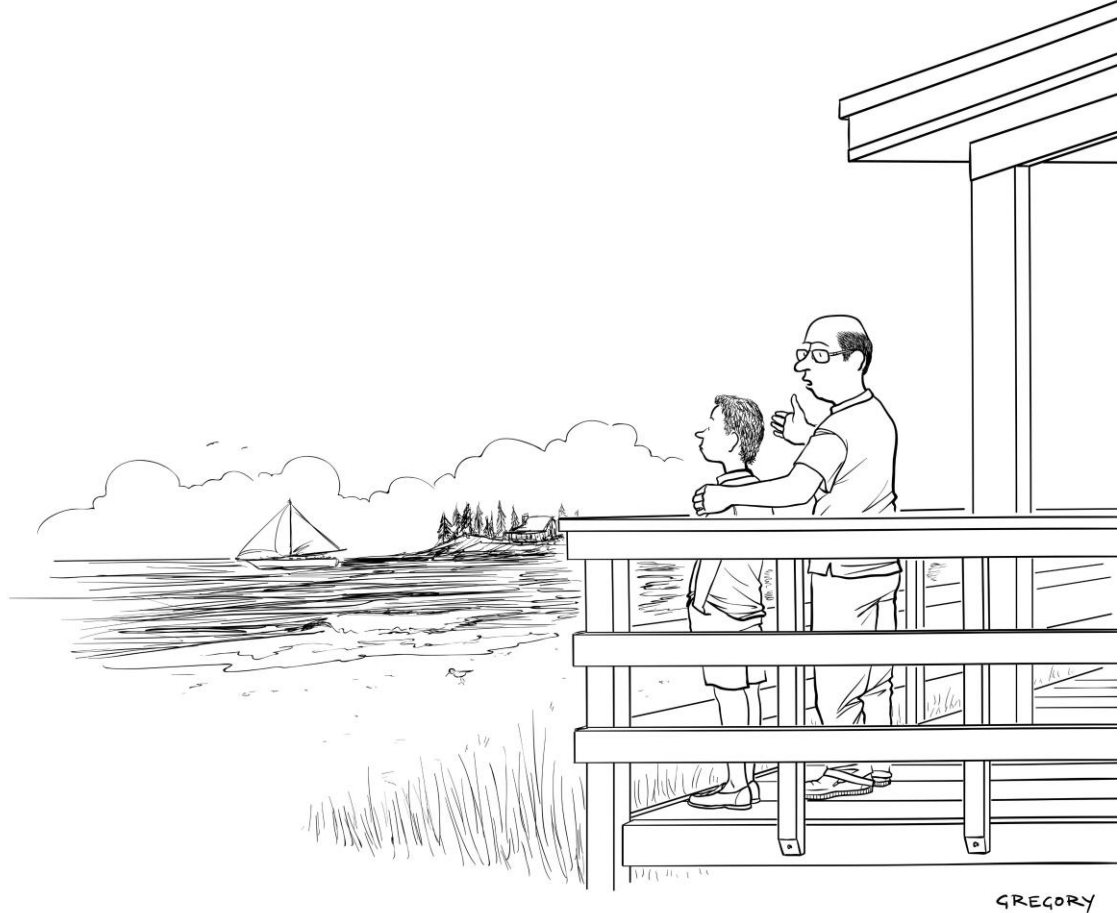
Past and future changes in the ocean and cryosphere

Historical changes (observed and modelled) and projections under RCP2.6 and RCP8.5 for key indicators





"That can't be good."



“Someday, son, this will all be yours—and underwater.”

GALLERY

View, enjoy, and annotate cartoons

<https://bit.ly/climateshocks2023>

GALLERY

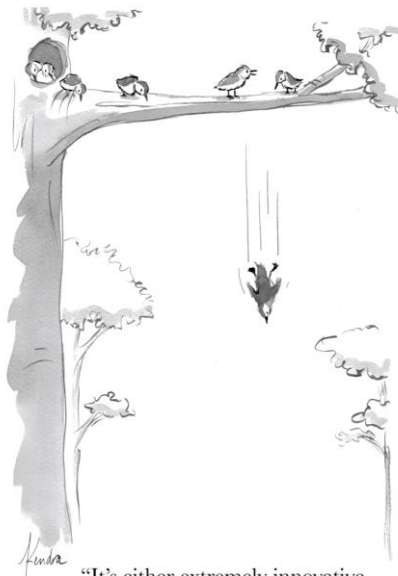
View, enjoy, and annotate o



THIS IS GREAT!
Now we know
WHAT TO EXPECT.



BetjeCartoonStock.com



"It's either extremely innovative
or extremely stupid."

My ORGANIZATION WILL ALSO BE
FOCUSING ON THIS SECTION HERE.



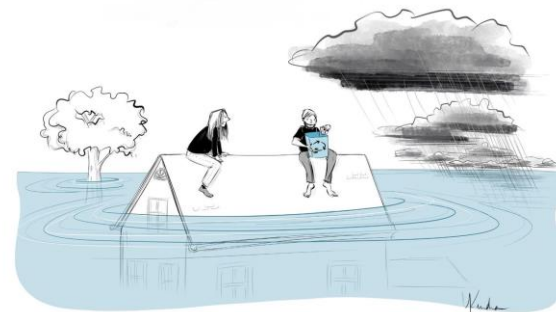
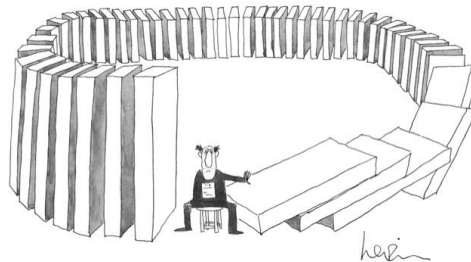
Kendra Allenby / CartoonCollections.com

FINALLY
GOOD NEWS!



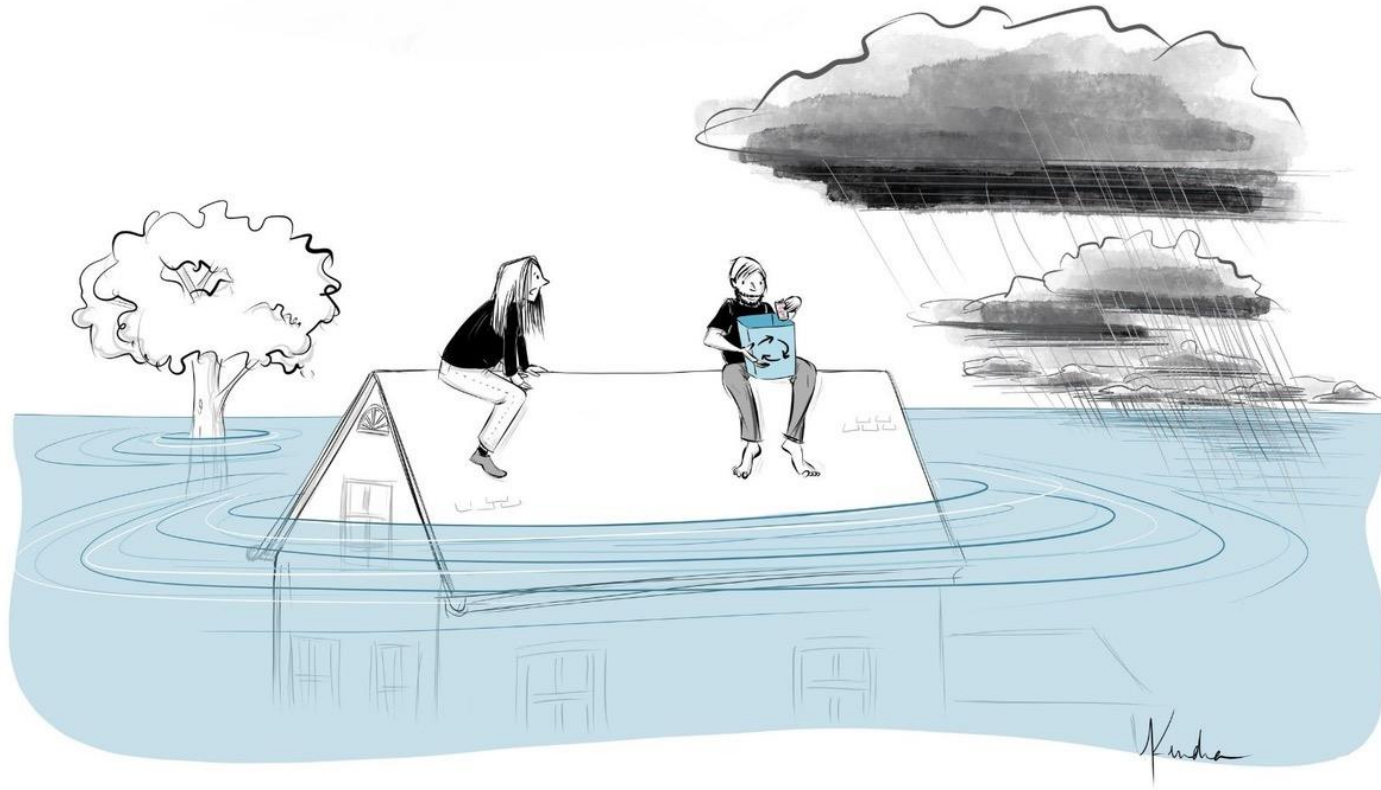
I HOPE YOU FINISH READING THE PAPER
BEFORE IT BURNS UP.

FeggoCartoonStock.com



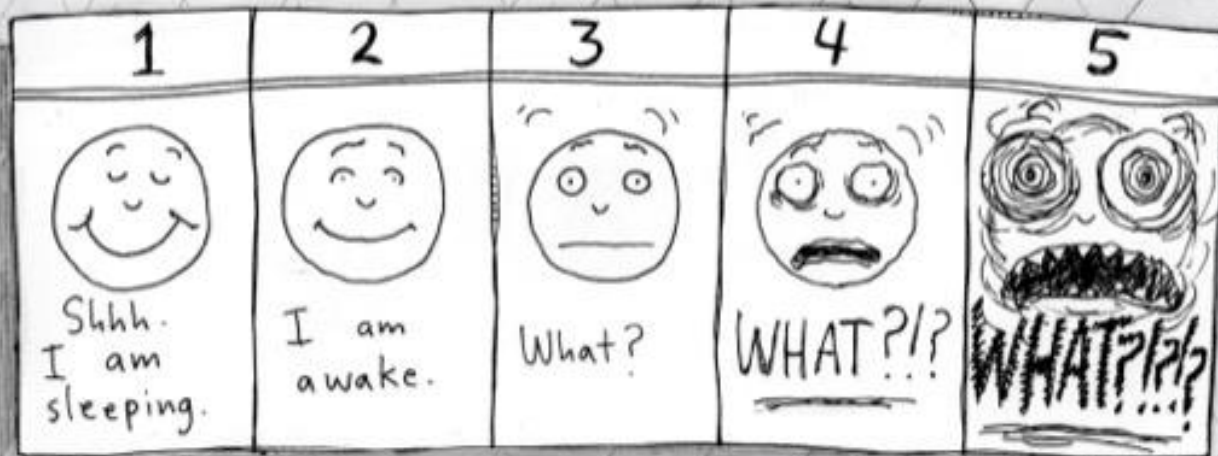
"It's not that I don't appreciate your recycling, Leo, I'm just suggesting
it's not the only thing we should be doing right now."

Kendra Allenby/CartoonStock.com



“It’s not that I don’t appreciate your recycling, Leo, I’m just suggesting it’s not the only thing we should be doing right now.”

HOW IS YOUR TERROR TODAY?



R. Ch5

**No More
"Maybe".
It's a fact,
it's us,
and it's bad.**

**The
unprecedented
is the new
normal**



Are you talking about the new normal of an hour ago, or is there a new, new normal right now?

**Impacts
are already
being felt
everywhere**



"Ah, guys...do we have time to revise
our worst case scenario?"

THE DOOM CHANNEL



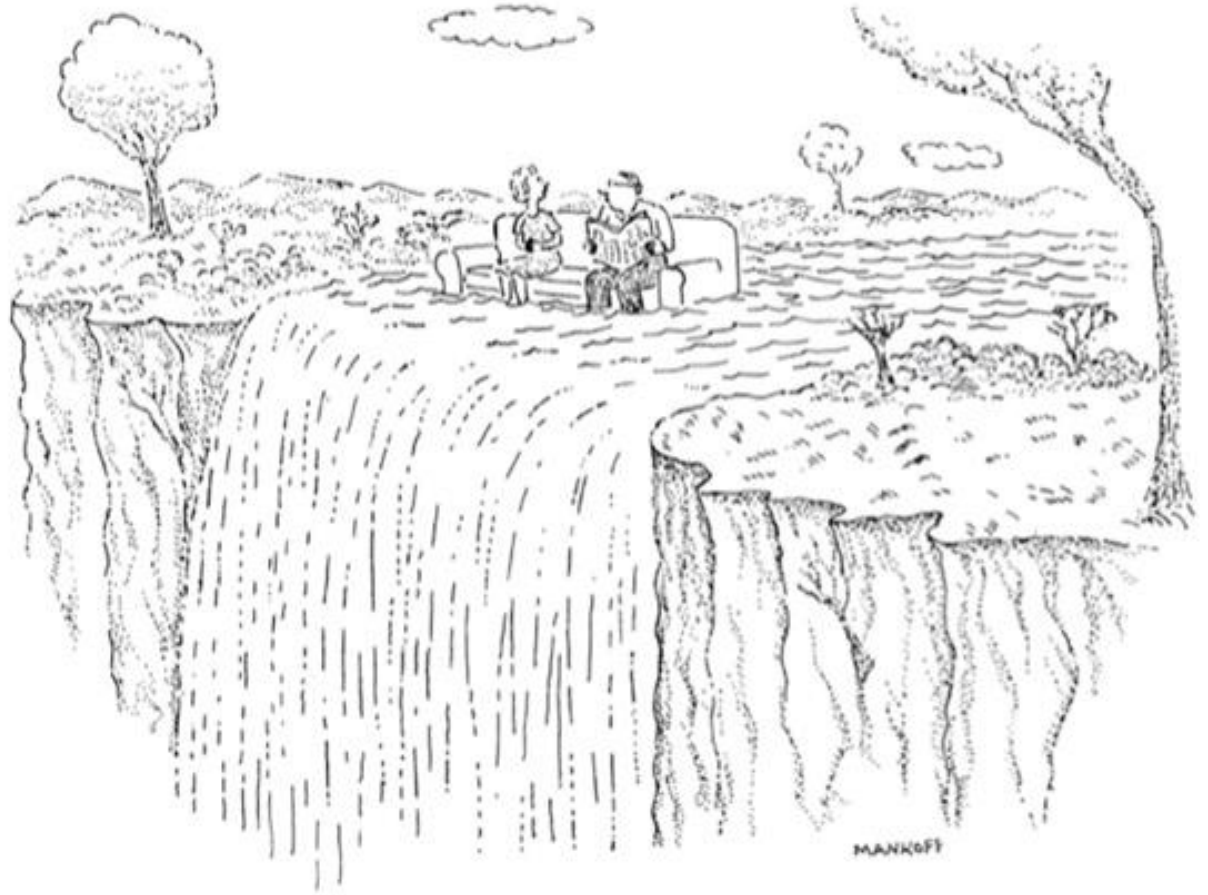
MANKOFF

*"Bad things are happening.
Real bad."*

*"Worse to come.
Much worse."*

**It
will
get
worse**

**Abrupt and
irreversible
changes
cannot be
ruled out**



"Brad, we've got to talk."

**Many different
bad things
will likely
go wrong
at once**



“If the pandemic wipes out the locusts, and the floods take care of the drought, then we may not have to take any action at all.”



Chicago Daily Tribune
THE WORLD'S GREATEST NEWSPAPER

★ ★ FINAL

VOLUME CIV.—NO. 155 C

(1986 U. S. PAT. OFFICE, COPYRIGHT 1986
BY THE CHICAGO TRIBUNE)

WEDNESDAY, AUGUST 15, 1945—34 PAGES

THE FIFTH COMMITTEE OF

THREE CENTS—DAY NO MORE

GREAT WAR ENDS!

PANIC!

6 PAGES OF COMPLETE COVERAGE BEGIN ON PAGE 2



A Financial Meltdown'

Stock Market Suffers

NEW YORK, TUESDAY, OCTOBER 20, 1987

NEW YORK, TUESDAY, SEPTEMBER 10, 1997

298 Copyright © 1997 The New York Times

S PLUNGE 508 POINTS, A DROP OF

DOUBLES



The Canada Life Assurance



महिला मुद्दे पर चर्चा के दौरान स्मृति ईरानी का अपमान

33

जहां हुई थी

दरावाद में डॉक्टर से हैवानियत करने वाले चार आरोपितों को पुलिस ने एनकाउंटर में मार गिराया

[illegible]

The landing site

Man has walked on the Moon. Astronaut Neil Armstrong launched a new era for mankind when he stepped from the lunar module today. America, a land of frontiersmen, had opened a new frontier.

FULL STORY—PAGE 1: THE FIRST MOON—PAGE 2: THE PATIENTS

सुदूर की तलाश में घटनास्थल पर लगे थे आरोपित, तभी हड़ भागने की कोशिश

पाँक्सो एक्ट के दावे को न मिले

व्यापार गणित का अधिकांश : गणना



Chicago Daily Tribune

Full Eastern Edition,
Aug. 15, 1915, (Story Inside)
★★ FINAL

VOLUME CIV.—NO. 196 C 1946 U.S. GOVT. PRINTING OFFICE: 1945
WEDNESDAY, AUGUST 15, 1945—34 PAGES
THREE CENTS—PAY NO MORE

GREAT WAR ENDS!

Let's Will Some

Good HEADLINES are:

- Unique
- Ultra-specific
- Useful
- Urgent

Daily Mirror

The date: July 21, AD 1969

MAN WALKS ON THE MOON

Man has walked on the Moon. Astronaut Neil Armstrong launched a new era for mankind when he stepped from the lunar module today. America, a land of frontiersmen, had opened a new frontier.



A Financial Meltdown!

Dow Falls 508

Stock Market Suffers

The New York Times

PLUNGE 508 POINTS, A DROP OF



Many different
bad things
will likely
go wrong
at once

Type your headline here...

Submit



Headlines

You're a journalist with a time machine. What do you see that is newsworthy?

<https://bit.ly/climateshocks2023>

Headlines

You're a journalist with a time machine. What do you see





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Doughnut Economics

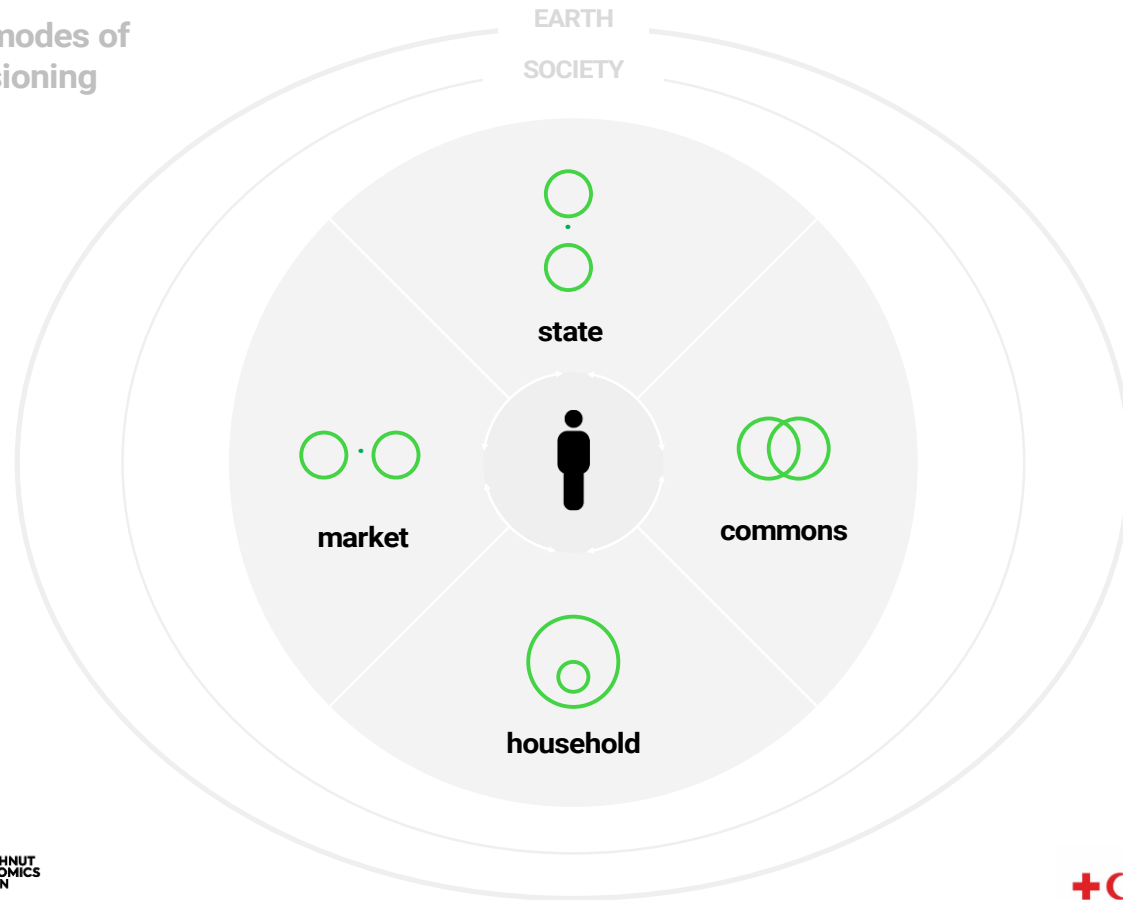
exploring contexts of risk and crisis

A tool in the making.

Concepts & design created by
Kate Raworth, Pablo Suarez &
Ruurd Priester

DRAFT

Four modes of provisioning





Food



Water



Health



Education



Housing



Energy



Connectivity



Mobility



Community



Culture



Income
& work



Social
equity



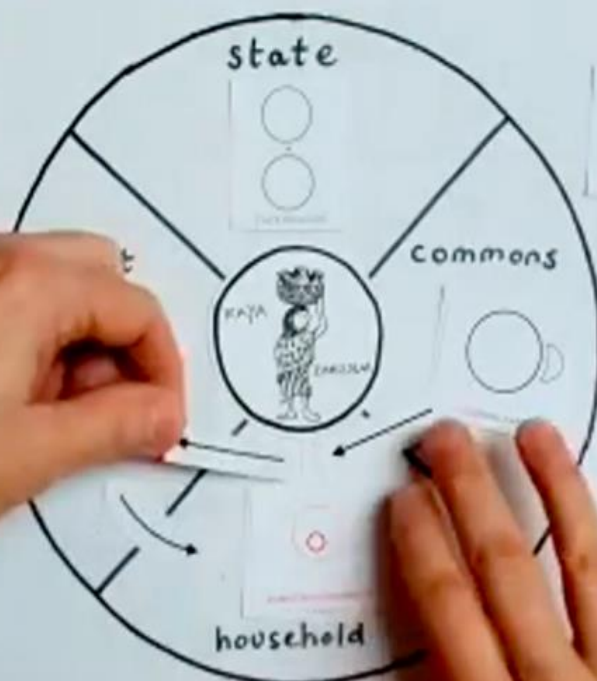
Equality in
diversity



Political
voice



Peace &
justice

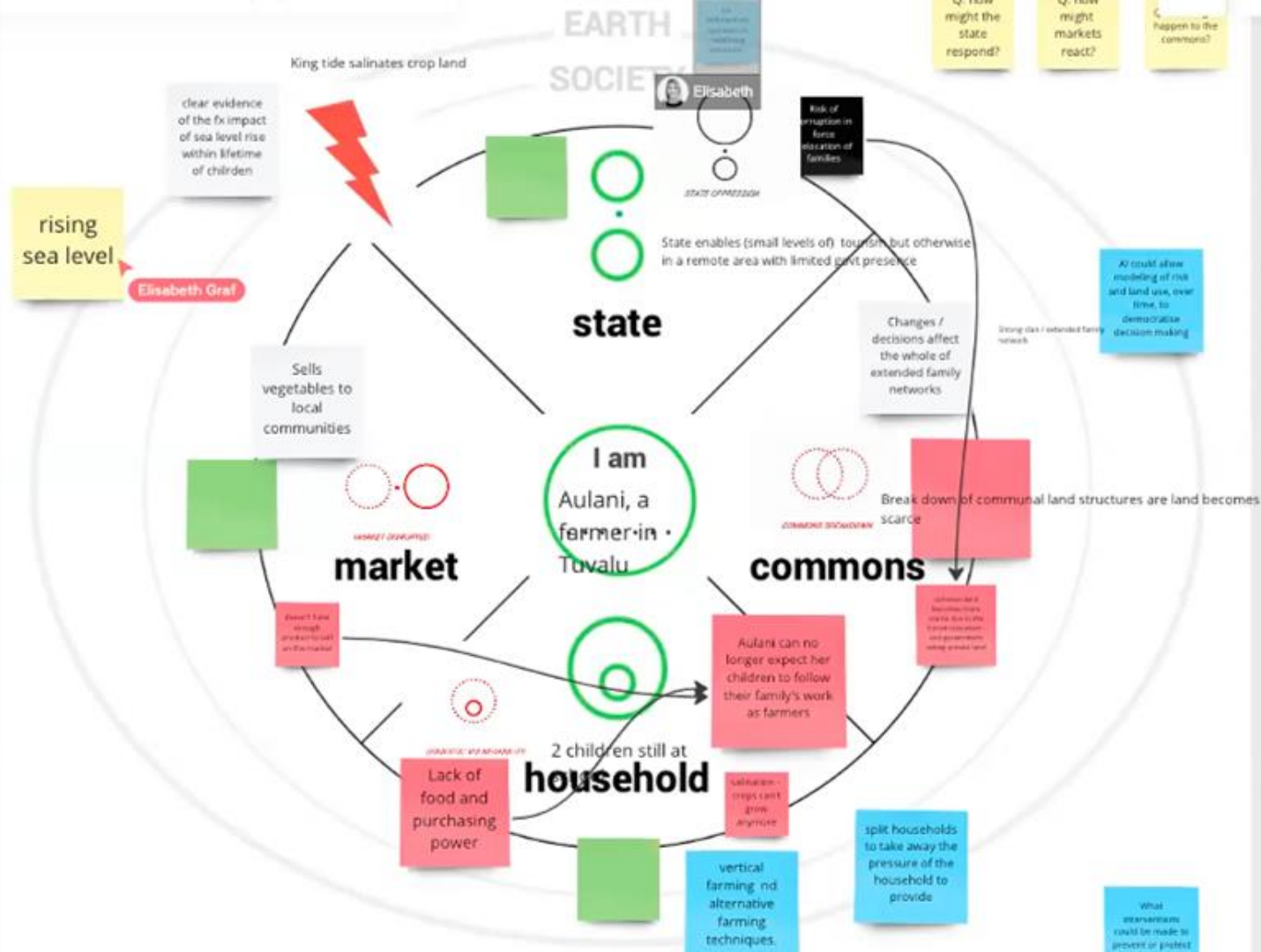


TURNING
RELATIONS

DISRUPTED
BY SHOCK

CONNECTED
BY POWER





**THRIVING
RELATIONS**

**DISRUPTED
BY SHOCK**



MARKET EXCHANGE



DOMESTIC CARE



STATE PROVISION



COMMON PROVISION

Visiting Maker

AND NO FLUX

Sharing back



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Since this is a draft tool we ask that you do not share these materials publicly at this early stage.

Please share back your suggestions for improving the tool with us - we will acknowledge and take them into account as we create a version to share publicly.

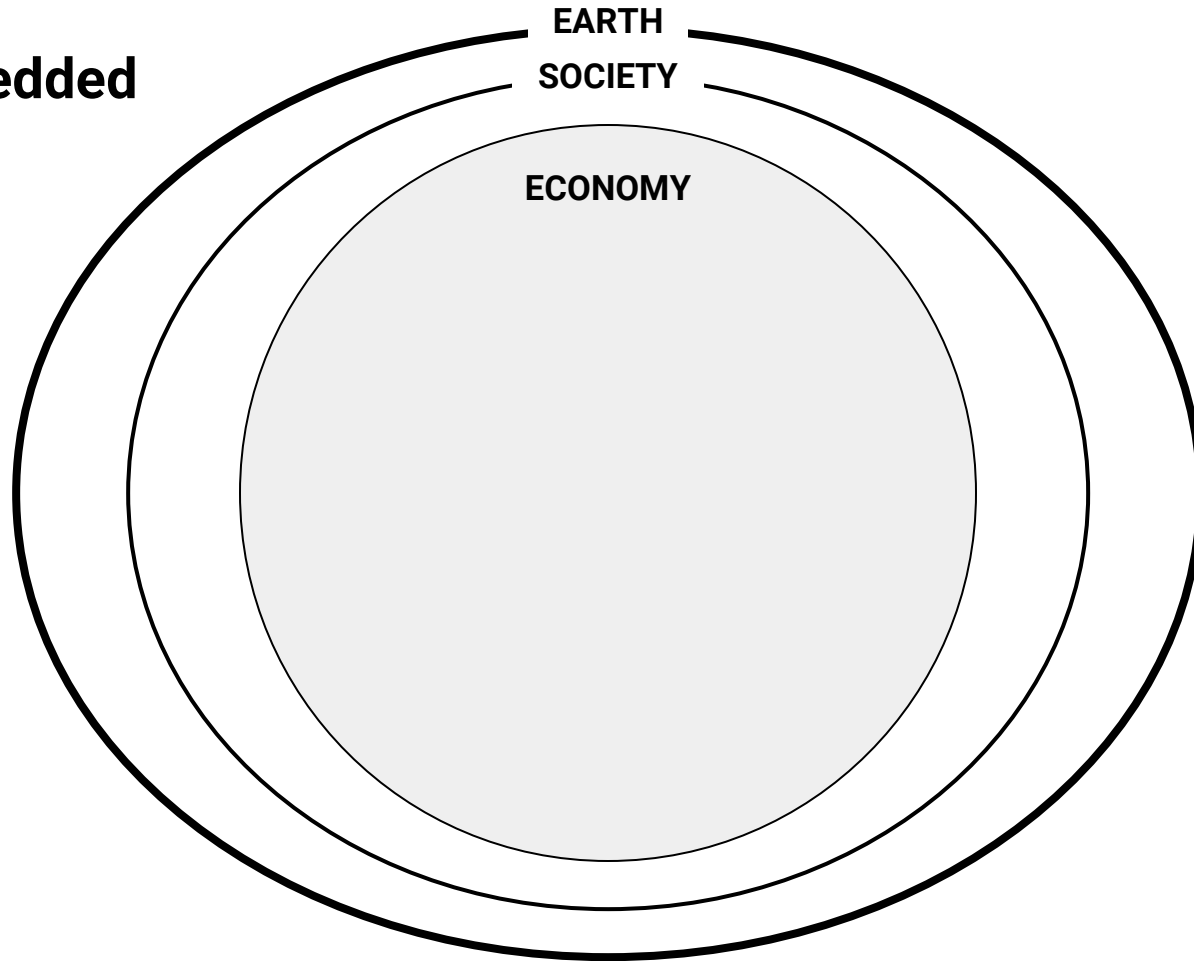
Please also share with us photos that you take of the tool being used.

Thank you!

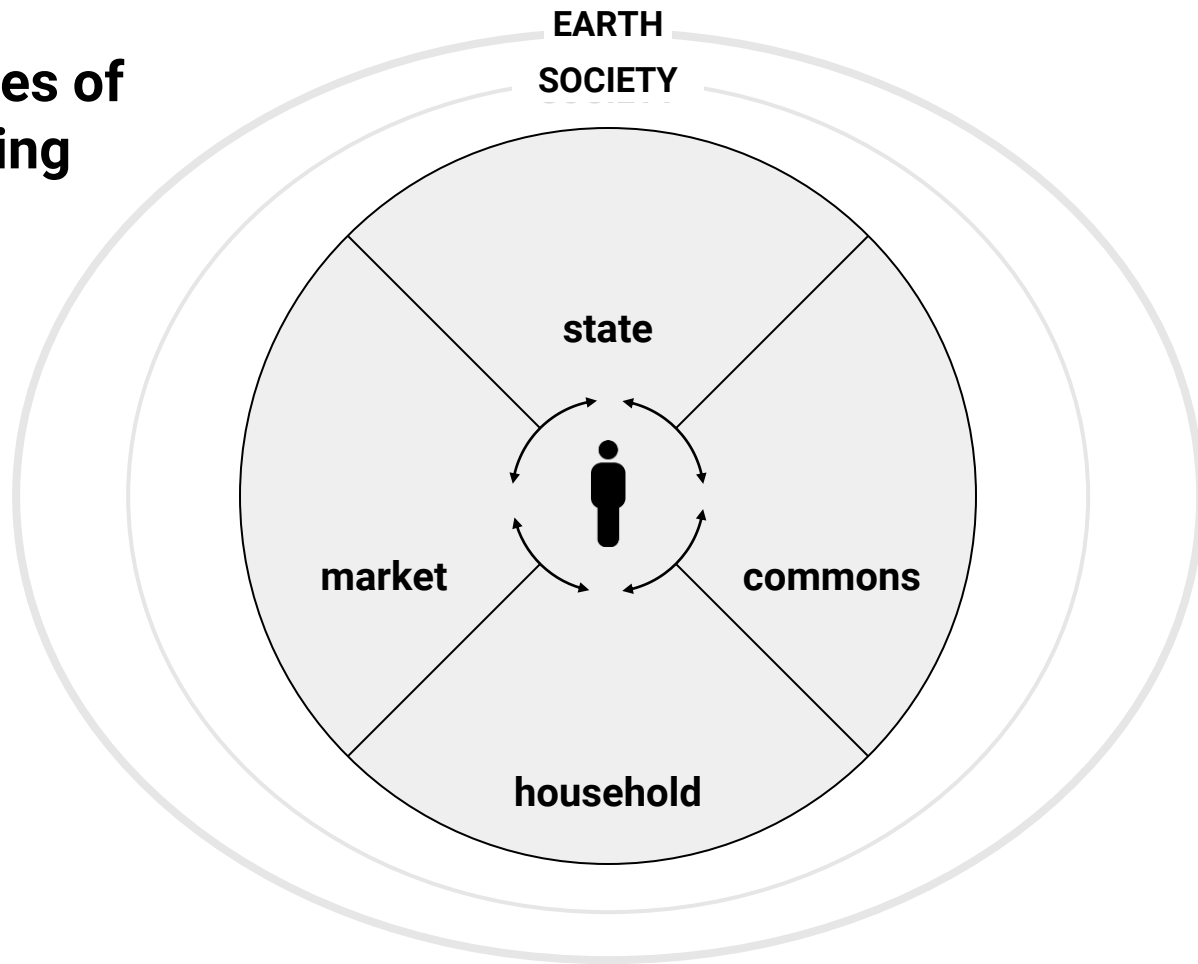
Doughnut Economics and Climate Shocks

a draft tool for practitioners

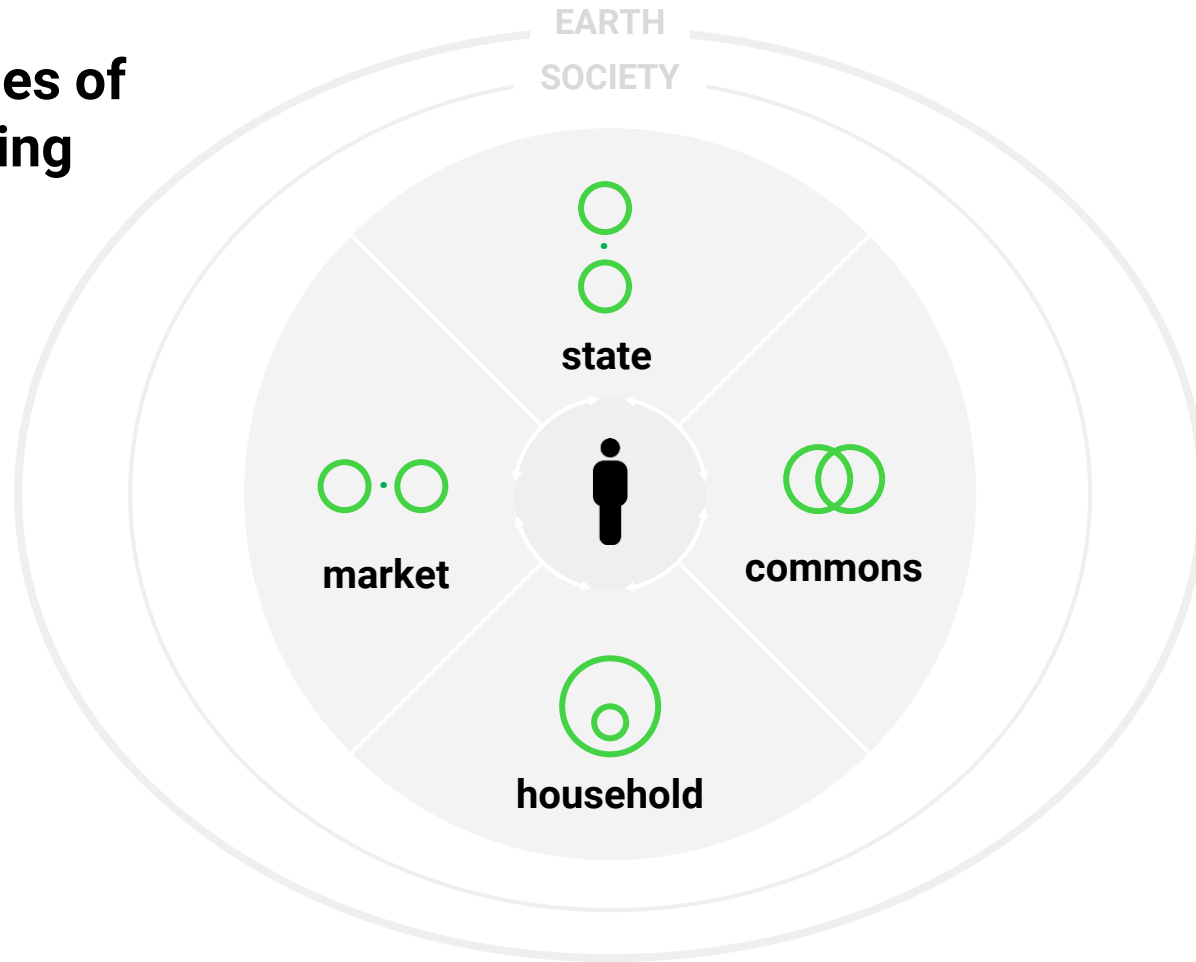
The Embedded Economy

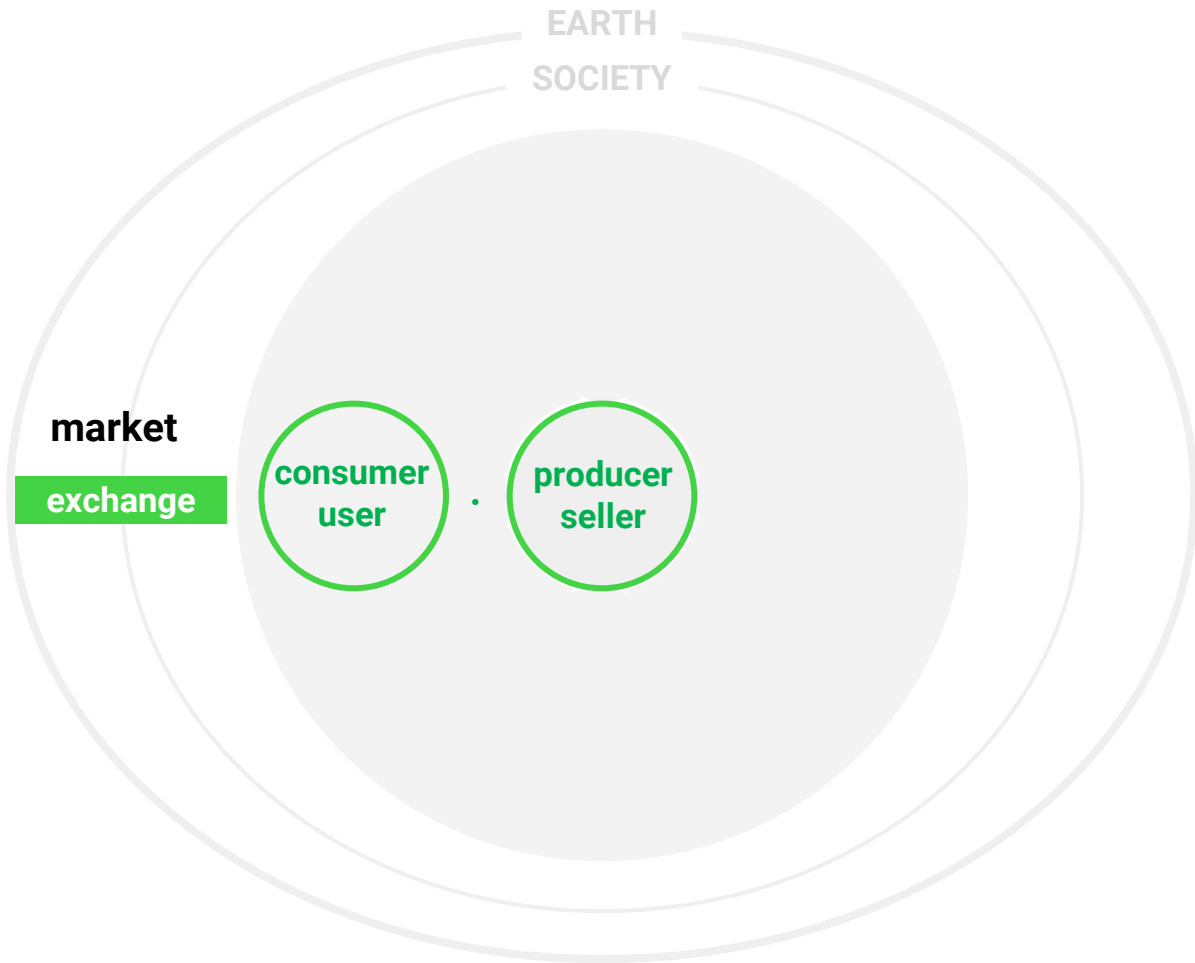


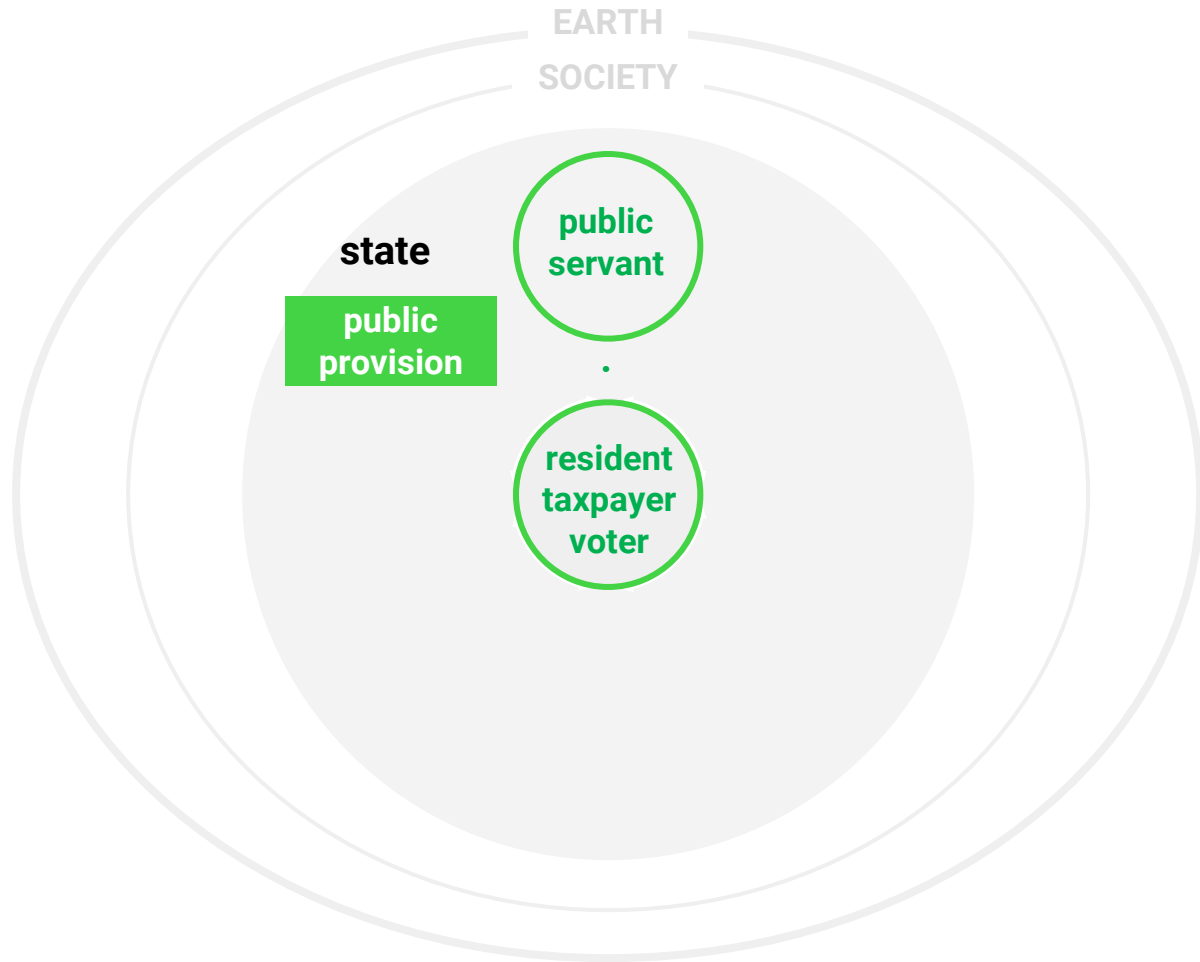
Four modes of provisioning

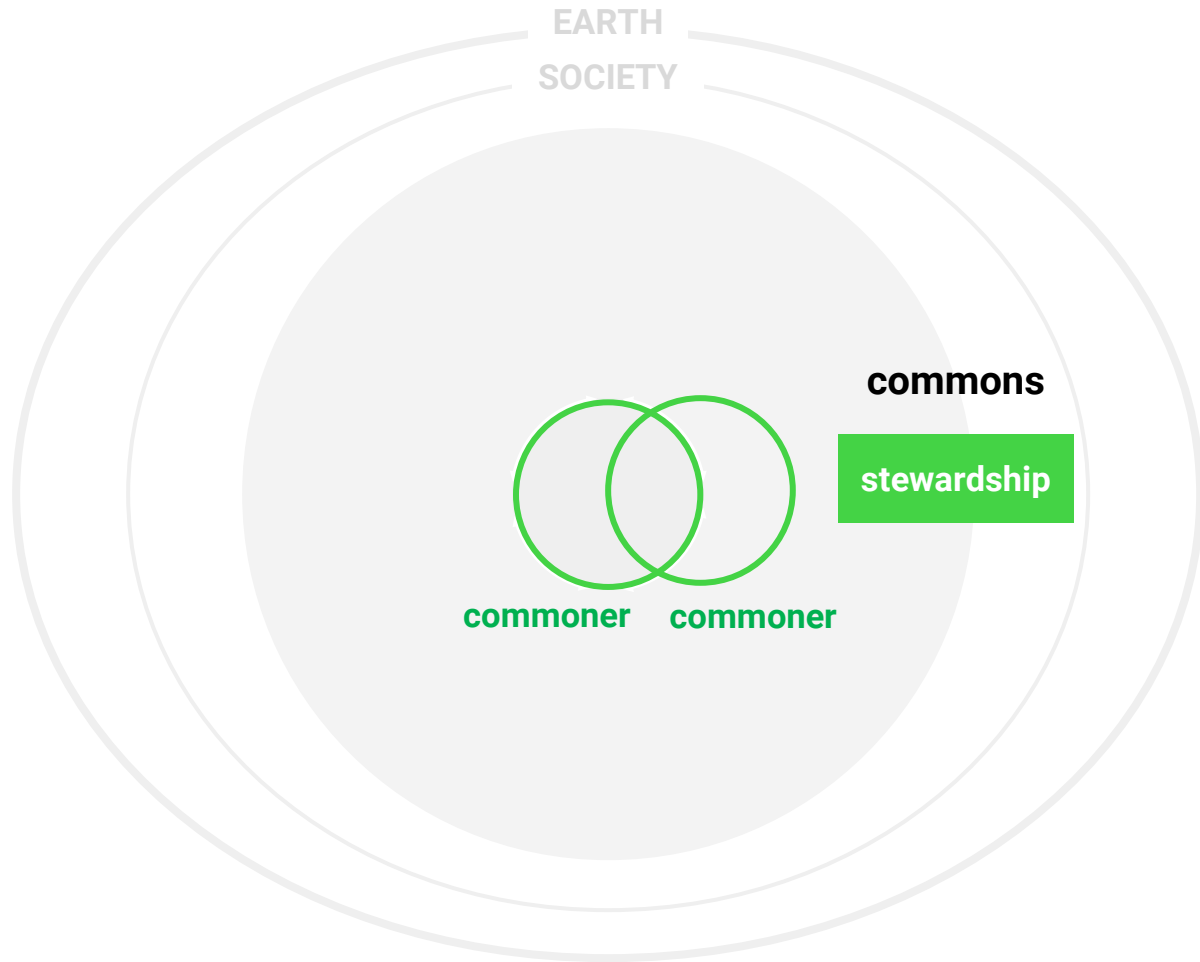


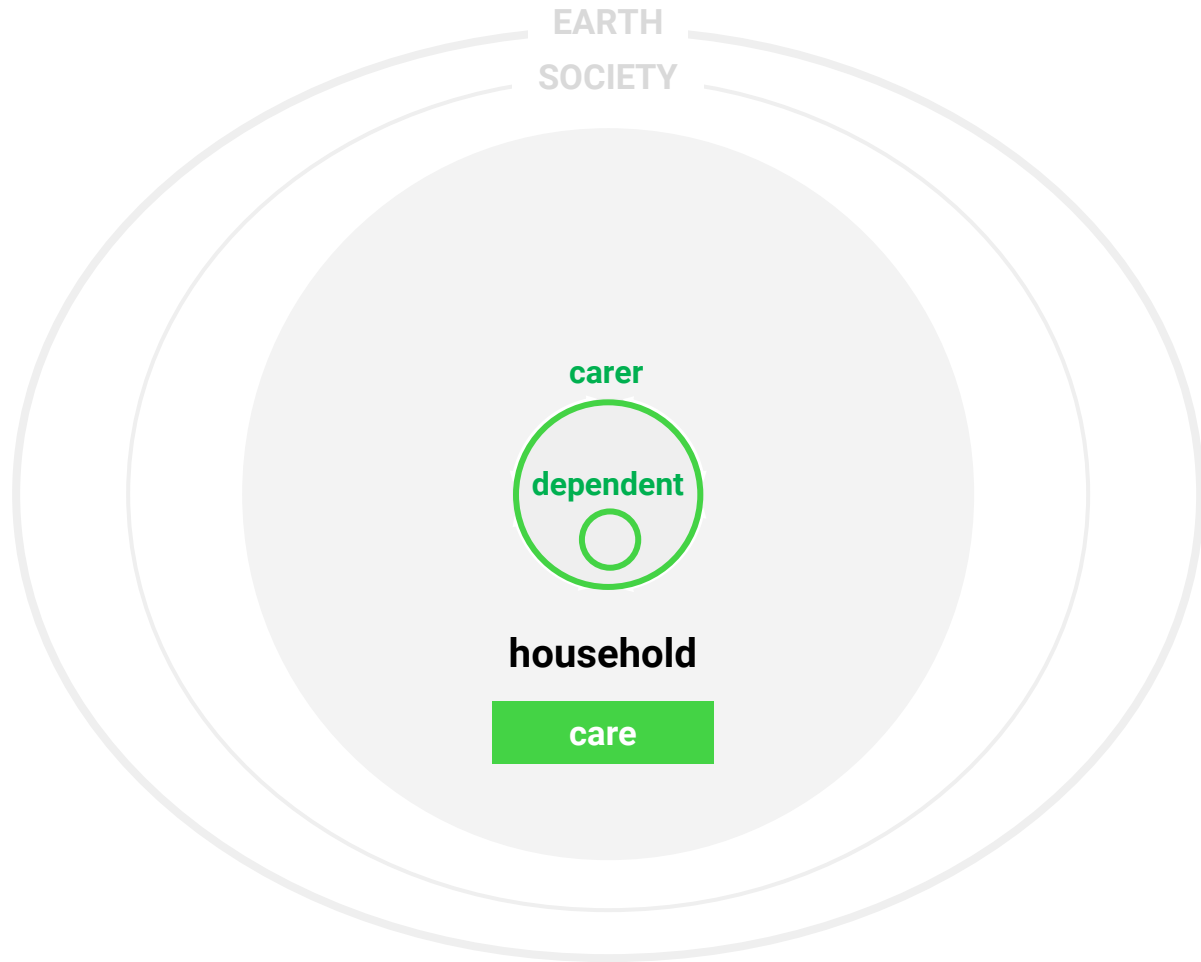
Four modes of provisioning



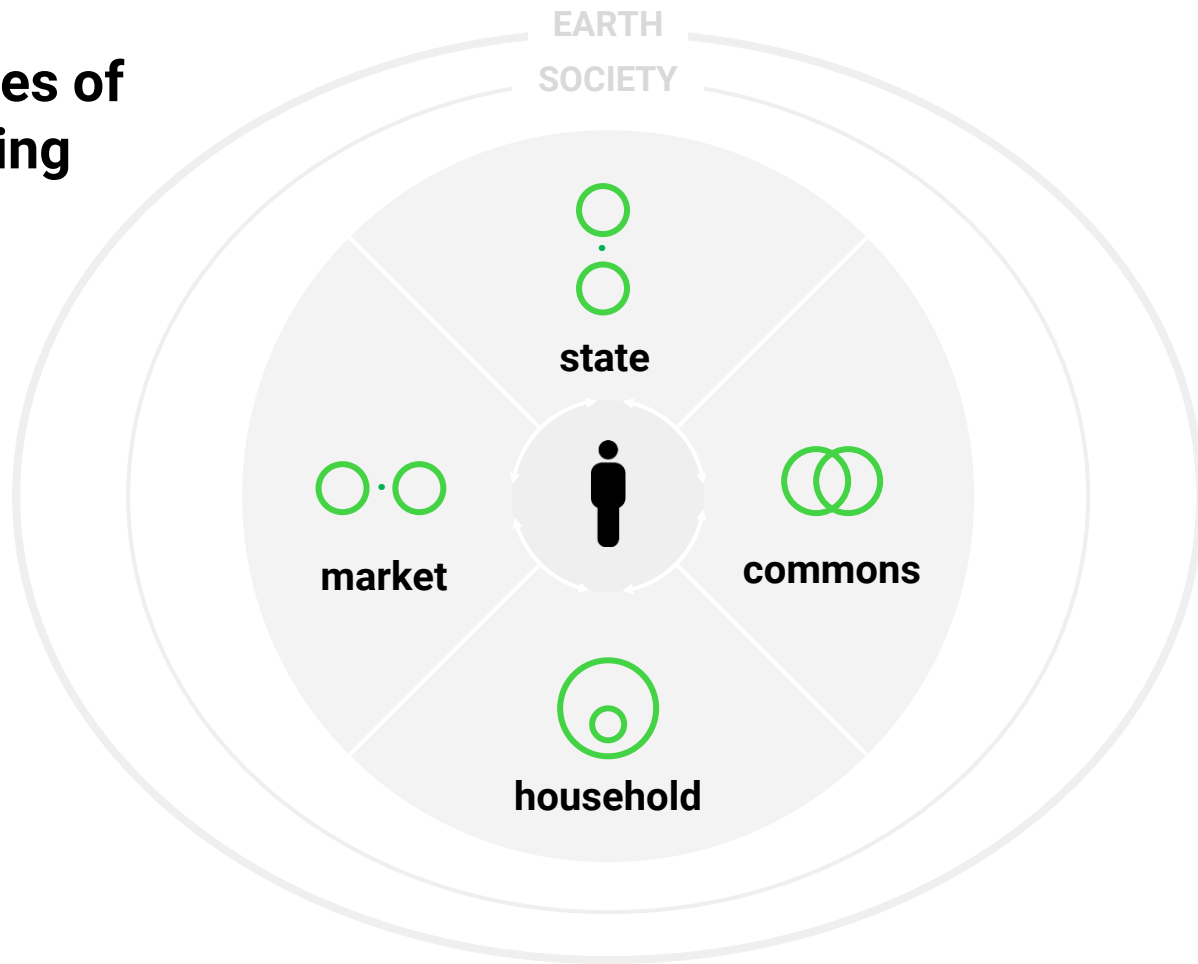




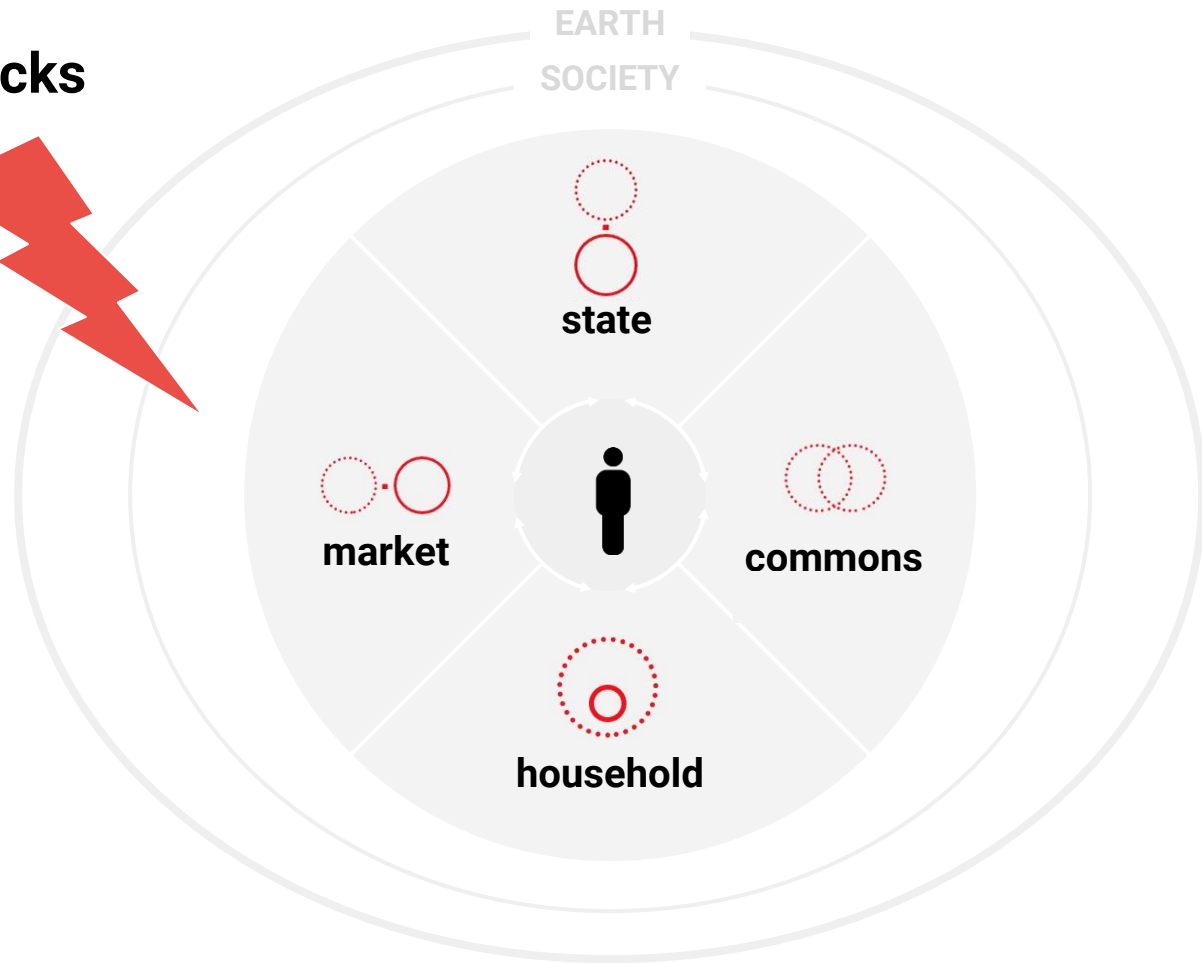


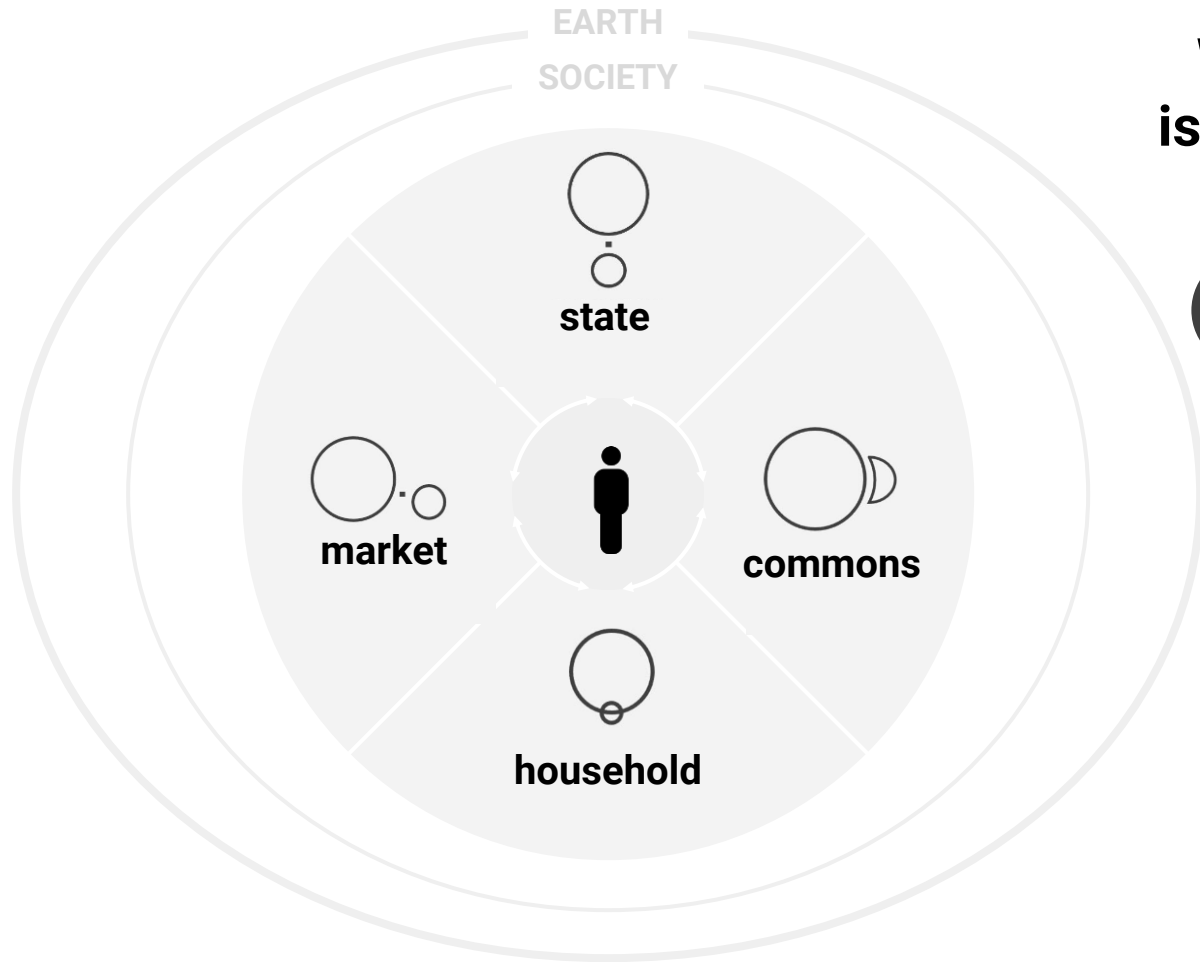


Four modes of provisioning

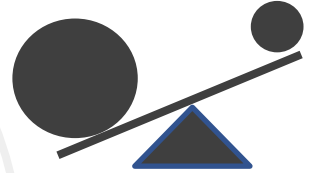


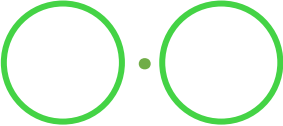


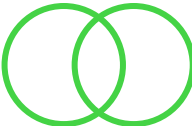
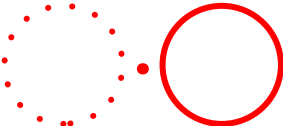

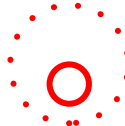

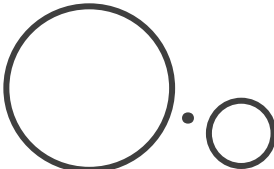
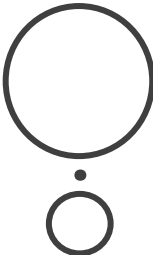

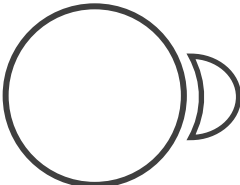
**When shocks
occur**

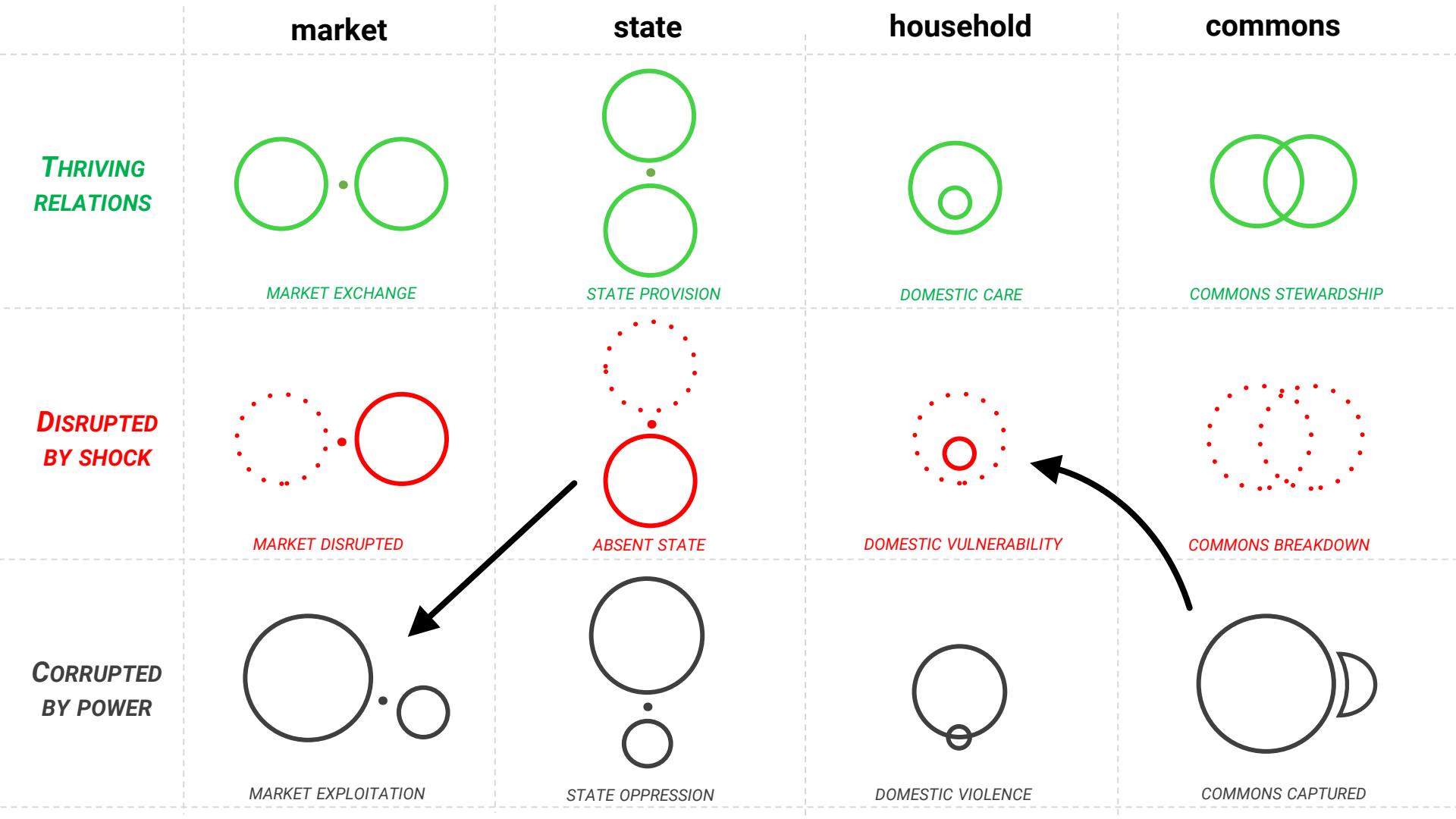




**When power
is imbalanced**



	market	state	household	commons
THRIVING RELATIONS	 <p>MARKET EXCHANGE</p>	 <p>STATE PROVISION</p>	 <p>DOMESTIC CARE</p>	 <p>COMMONS STEWARDSHIP</p>
DISRUPTED BY SHOCK	 <p>MARKET DISRUPTED</p>	 <p>ABSENT STATE</p>	 <p>DOMESTIC VULNERABILITY</p>	 <p>COMMONS BREAKDOWN</p>
CORRUPTED BY POWER	 <p>MARKET EXPLOITATION</p>	 <p>STATE OPPRESSION</p>	 <p>DOMESTIC VIOLENCE</p>	 <p>COMMONS CAPTURED</p>



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