

# **PLAUSIBLE UTOPIAS**

**VINAY GUPTA  
HEXAYURT PROJECT  
THEFUTUREWEDESERVE.COM**

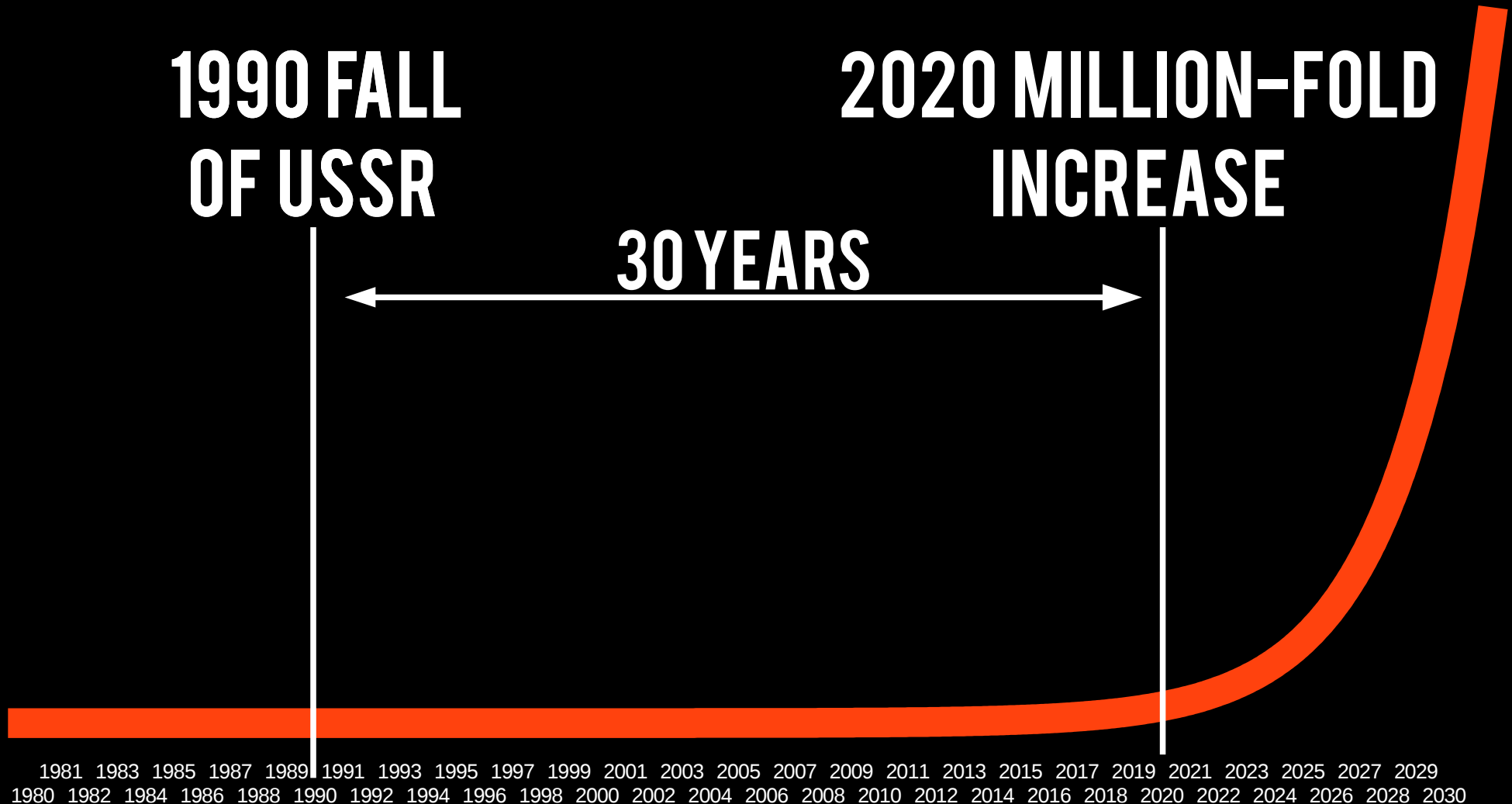


# COMPUTER POWER

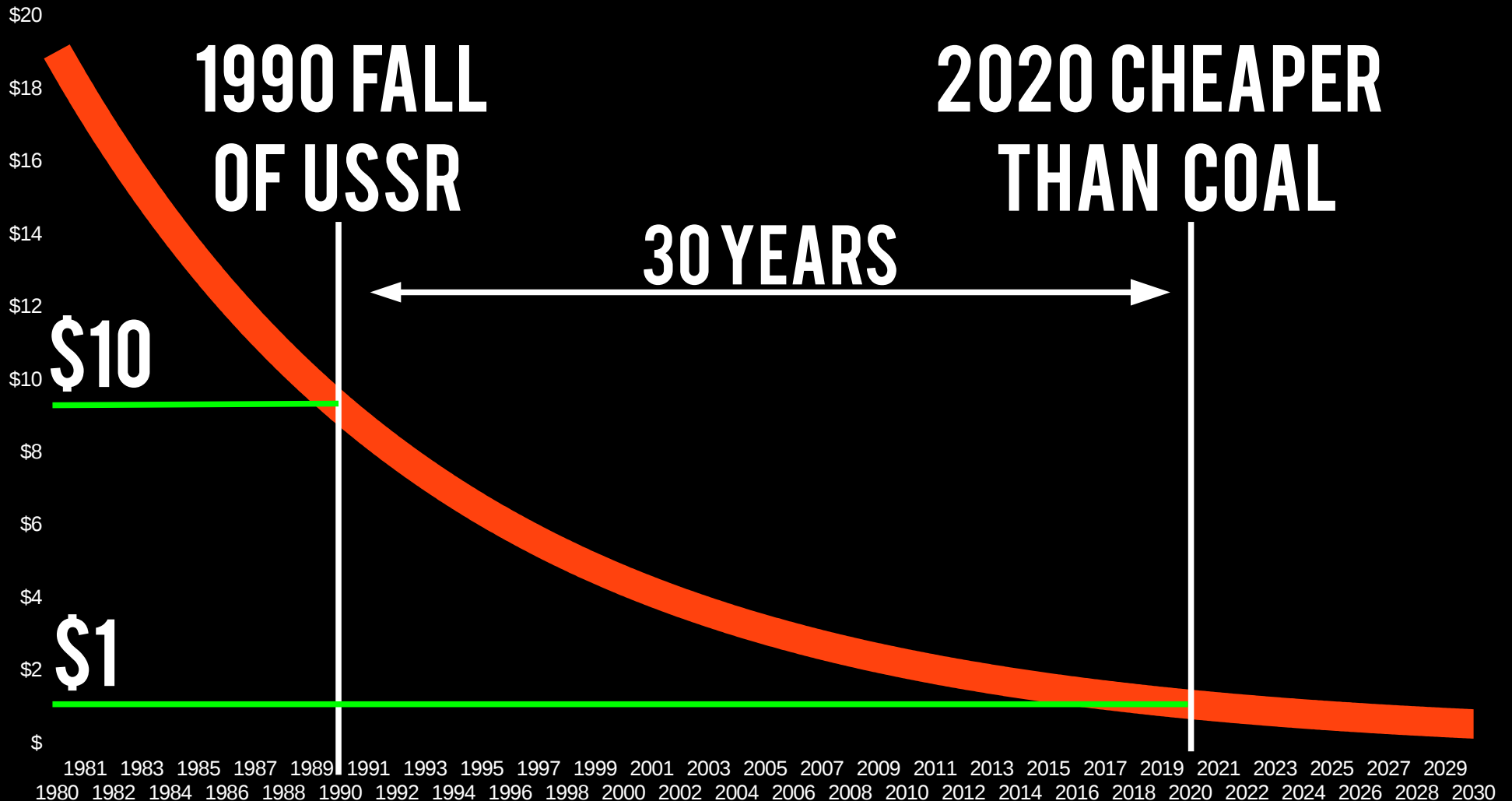
1990 FALL  
OF USSR

2020 MILLION-FOLD  
INCREASE

30 YEARS



# SOLAR PANEL COSTS



# EXPONENTIALS FOR THE YOUNG

- If you're under 30, you've never seen change
  - Exponentials are always flat on the left
  - Then everything goes *nuts*
- My First Computer Was A ZX81
  - 1k RAM / 3Mhz processor
- X220 6GB / 2.4 Ghz \* 4 cores \* 32 bit proc.
  - 6 million times more ram
  - At least a million times faster



# THE FIRST HEXAYURT (2003)





















# GEOEYE SAT IMAGERY



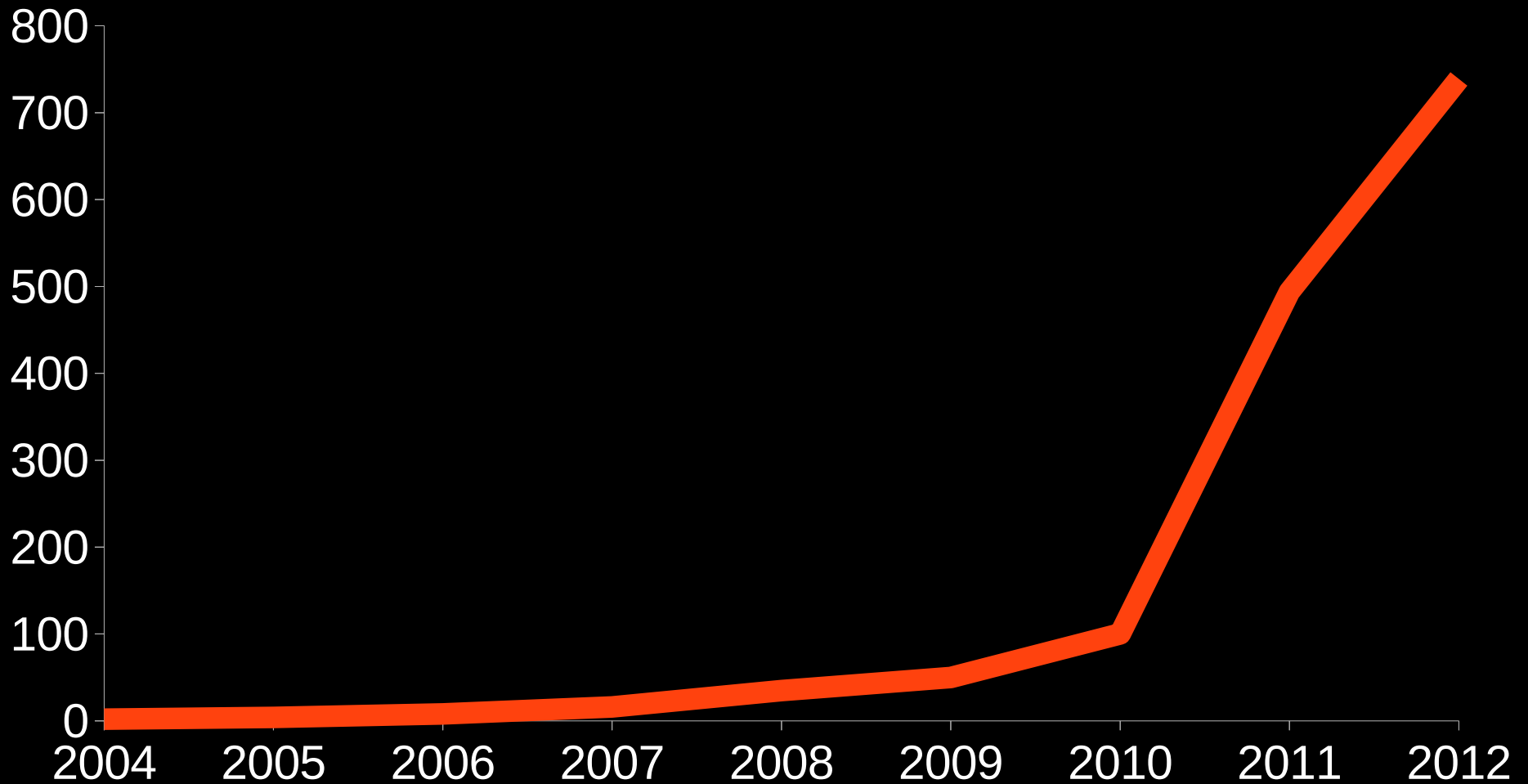






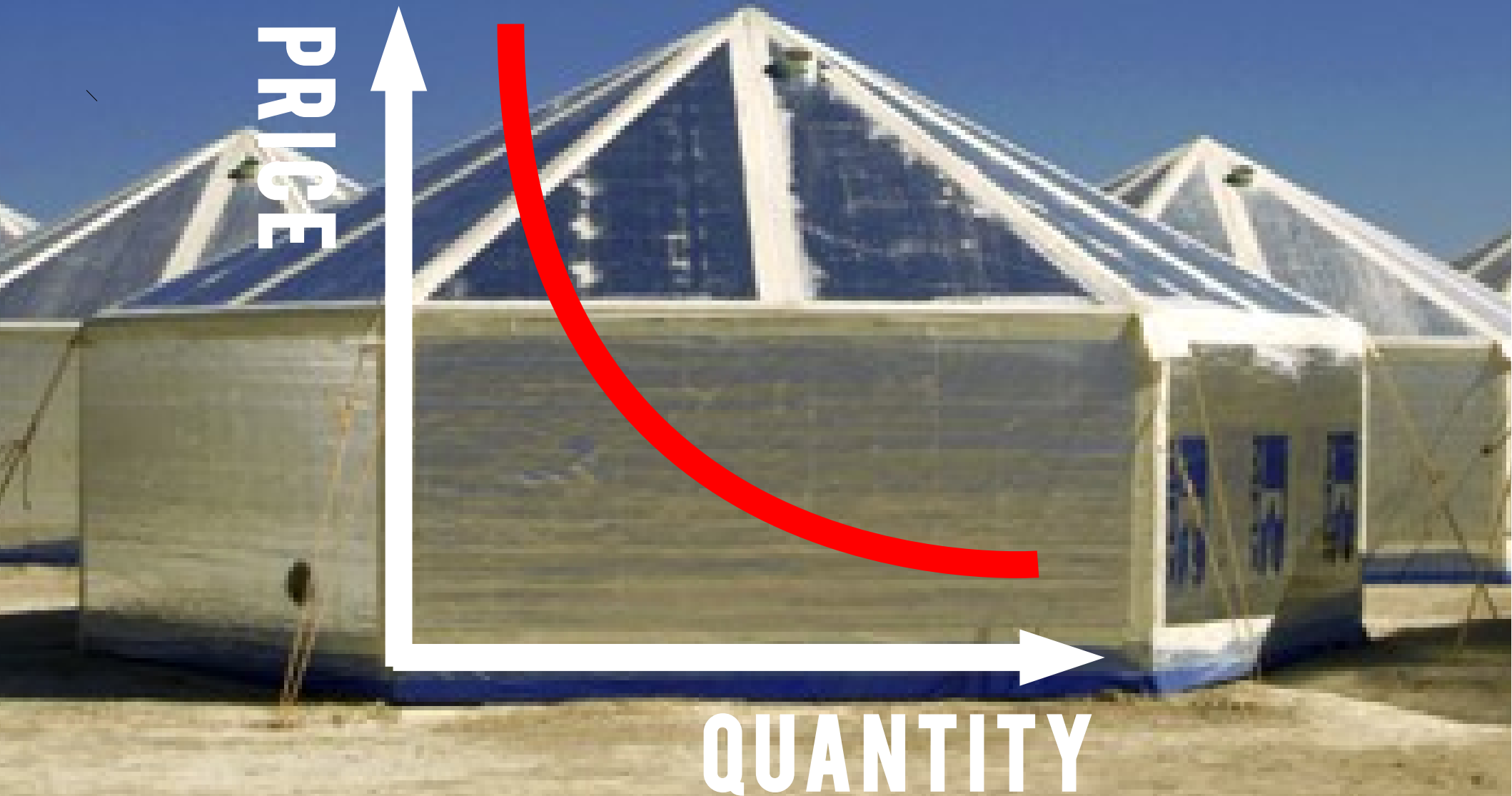


# HEXAYURTS AT BURNING MAN

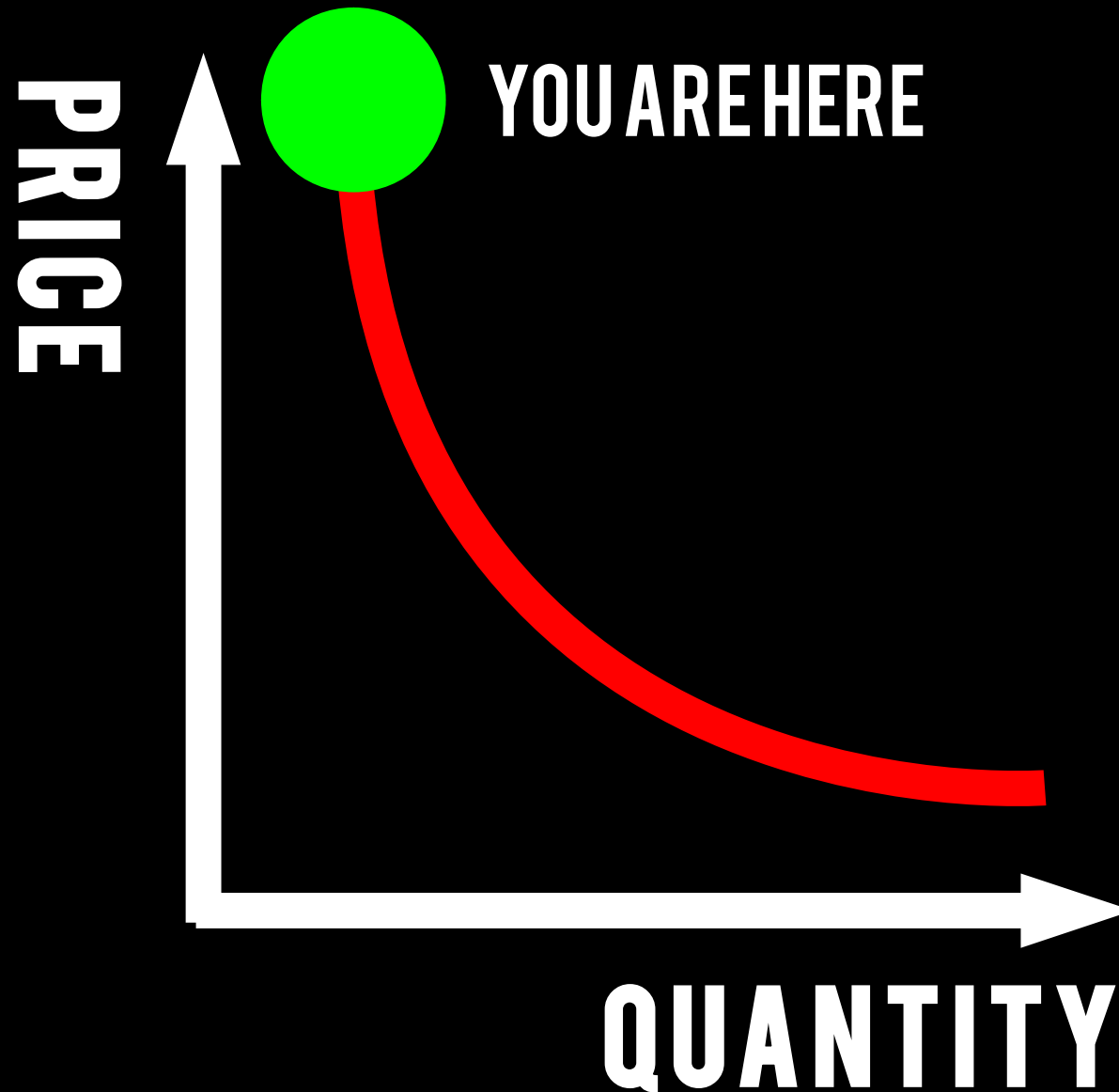




# THE FINANCIAL CRISIS IN 4 PARTS



# THE FINANCIAL CRISIS IN 4 PARTS



# THE USEFULNESS OF HOUSING

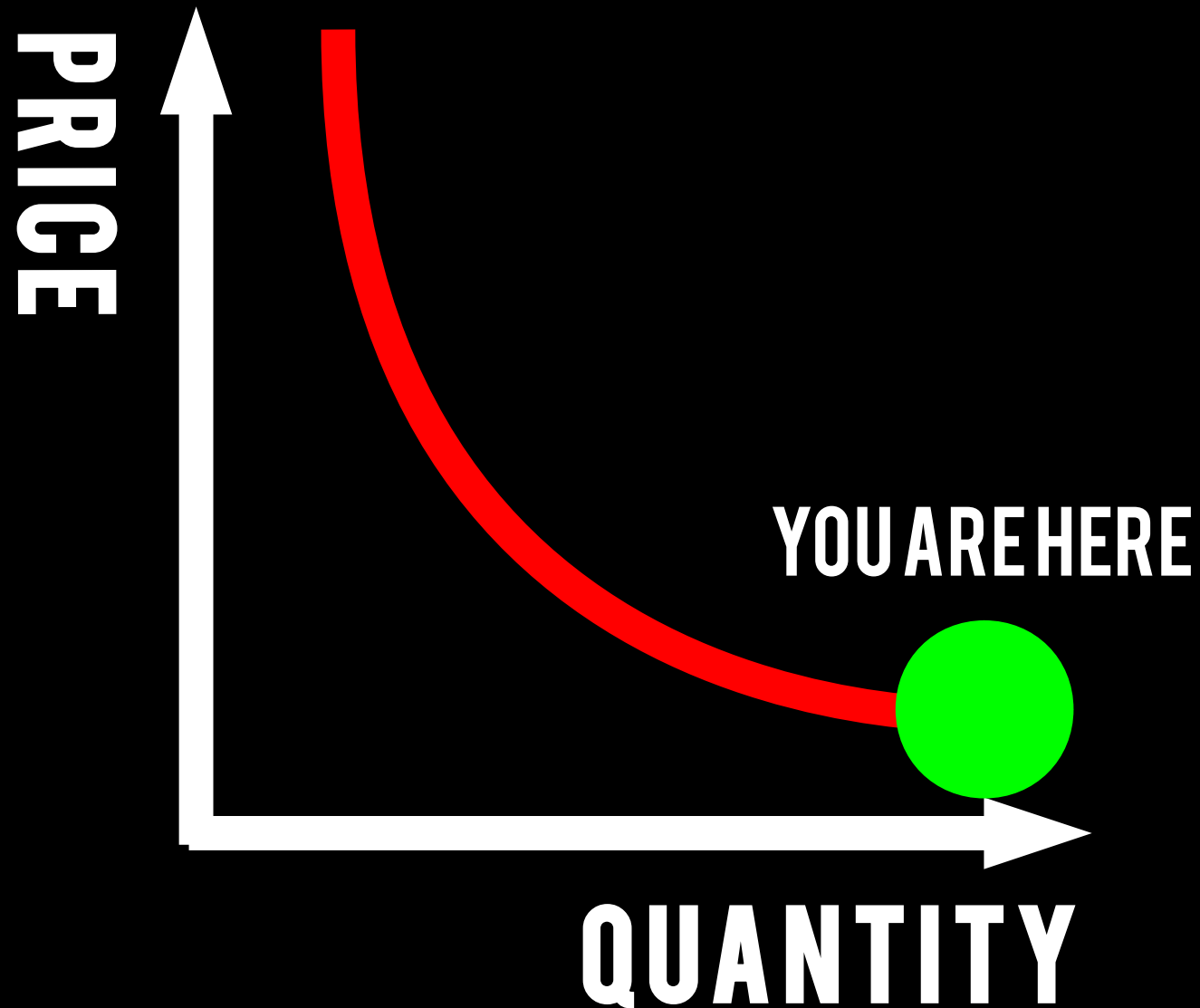
ACCOMMODATION (UTILITY)

STORE OF WEALTH (BANKING)

SPECULATION (INVESTMENT)

SEE @DOUGALD “SOCIAL FUNCTIONS OF MONEY”

# BUILD MILLIONS OF NEW HOMES



# THE USEFULNESS OF HOUSING (II)

**ACCOMMODATION (UTILITY)**

~~STORE OF WEALTH (BANKING)~~

~~SPECULATION (INVESTMENT)~~

# BUILD BILLIONS OF NEW HOMES



# HOW MANY EXTRA HOUSES?

*UK: NOT SO MANY (GREENBELTS, BUILDING CODES)*

SPAIN: 1.5M UNITS (1.5M YOUNG UNEMPLOYED)

IRELAND: 200,000 EMPTY UNITS (4.5M POPULATION)

CHINA: 60M EMPTY APARTMENTS?

BUILD COST \$60K, EXPECTED PRICE \$300K

*QUARTER TRILLION \$ PER MILLION HOMES*

**ABUNDANCE  
BREAKS THE  
FINANCIAL  
SYSTEM**



**NEW ECONOMISTS**

**COASE**

**NASH**

**BENKLER**

# COASE



- Nobel prize 1940
  - *The nature of the firm*
- A company is an efficient pocket of command-and-control inside the chaos of the market economy
- They are “efficient” because information gathering and decision-making have costs
- If that cost changes, *companies get smaller*

# NASH



- Nobel prize 1994 (for work in the 1950s)
  - Nash Equilibrium
  - *A beautiful mind*
- Situations involving many parties can get stuck in *minima* where no single party can improve the situation for themselves or others
- *Coordinated change* is necessary to improve the over-all function of the system

# BENKLER



- No Nobel Prize
  - *Wealth of Networks*
- Commons-based peer production
  - Sharing substitutes for equity
  - *Cheap decisions* beat command-and-control
- New kinds of value creation exist in an abundant information, cheap communication world.
- They can work better than capitalism

# IS IT PRACTICABLE?

## VALVE: \$300,000+ PER EMPLOYEE

- Gabe Newell, ex-Microsoft, wanted change
- A company without hierarchy
  - Projects are built around individual initiative
  - Projects recruit talent internally (compete)
  - Pay & review are exclusively by peers
- Games are late, beautiful, artisan works
- Gabe, notoriously, can't get his own games made

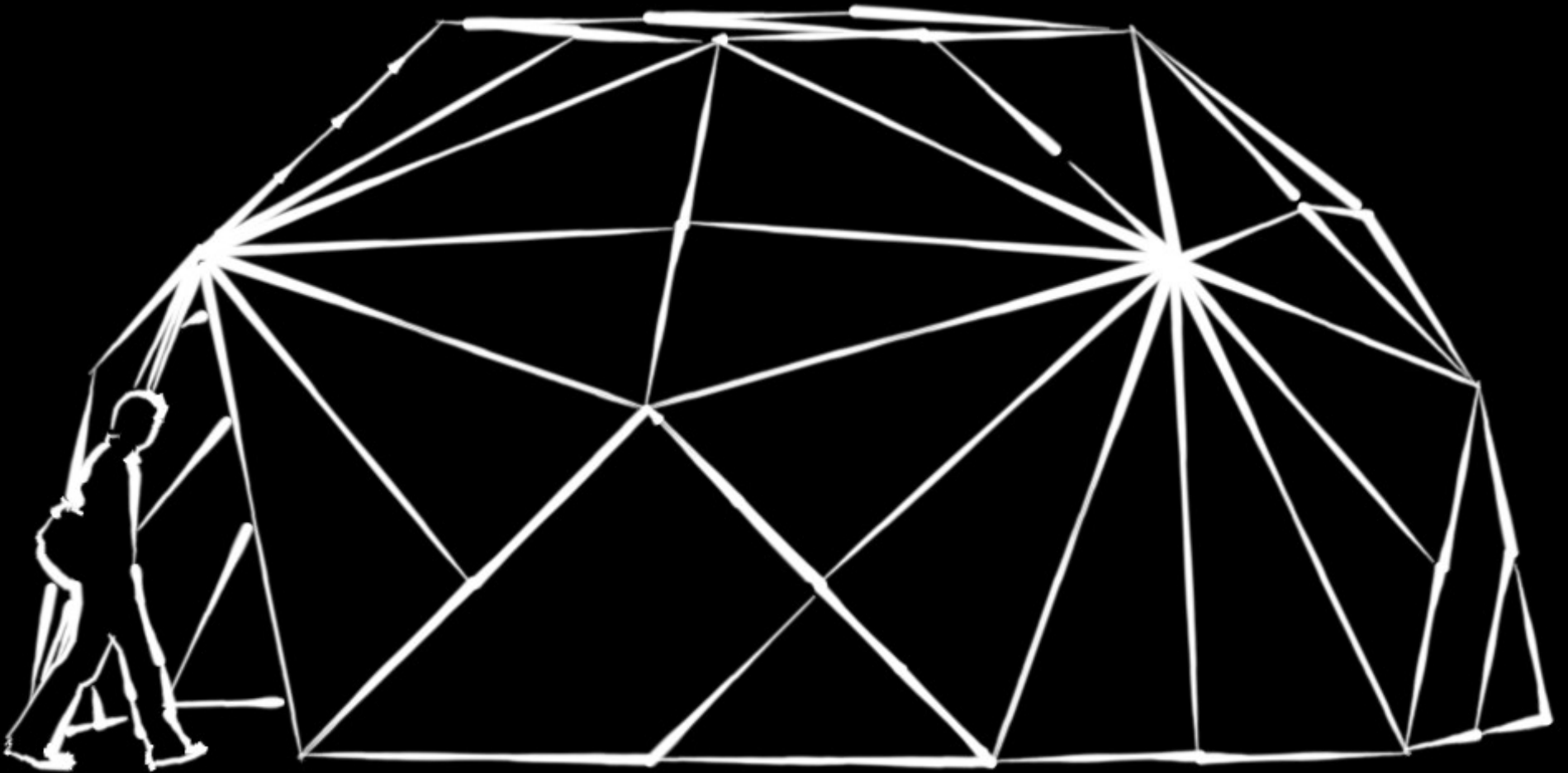


**THE NEW FACE OF POWER?**

**STAFF WON'T MAKE HIS GAME IDEAS**



# HEXAYURT QUADDOME 45M/\$3K





# COMMONS-BASED PRODUCTION

@LEASHLESS – INVENTED

@GELADA – DESIGNED

@JUMPLOGIC – RENDERED

@THEJAYMO – COUNTED

@LUCASGONZALEZ – GRAPHED

MORGAN ENGEL – BUILT

THERE ISN'T EVEN A BANK ACCOUNT

# **OPERATING SYSTEM POLITICS**

**WINDOWS: CORPORATISM**

**APPLE: BENIGN DICTATOR (RIP)**

**LINUX: ANARCHY**

**WHO'D BET AGAINST ANARCHY?**

**(GIVEN OSX=BSD=ANARCHY)**

**I'VE SEEN THE FUTURE BABY  
AND IT'S MURDER**

**THREE FUTURES**

**CHEAP ENERGY, CHEAP INFO**

**RESOURCE SCARCITY & WAR**

**DECENTRALISM (NAXALITES)**

**ARE WE GOING TO MAKE IT?**

***RATIONAL HOPE***

**SUPERPOWER CONFLICT IS DOWN**

**CLEAN, CONFLICT-FREE ENERGY**

**5BN PEOPLE COMING ONLINE**

**END OF THE COLONIAL ERA**

**THIS COULD ALL JUST WORK**

**UNHEDGED RISK: NANO/BIO**

**FUTURE GATES**

**ULTRA-CHEAP SOLAR POWER:  
SOONER/LATER?**

**INTERNET + POVERTY:  
CONSTRUCTIVE/DESTRUCTIVE?**

**ORGANIZATIONS: COPE/FAIL?**

**ONE PLANET, NO APOCALYPSE TECH**

**FOR THERE TO BE A FUTURE,  
YOU HAVE TO BELIEVE...**

**ONE PLANET CONSUMPTION  
NO APOCALYPSE TECHNOLOGY**

**IT AIN'T STAR TREK. WHAT IS IT?**

**BETWEEN MACRO AND MICRO**

**THEFUTUREWEDESERVE.COM**

**WIKIBOOK (@PEDIAPRESS)**

**100 AUTHORS**

**ORGANIZED ON TWITTER**

**WRITTEN ON A WIKI**

**£10 A COPY, QUANTITY OF ONE**

Vinay Gupta, Cat Lupton, et al.

# The Future We Deserve

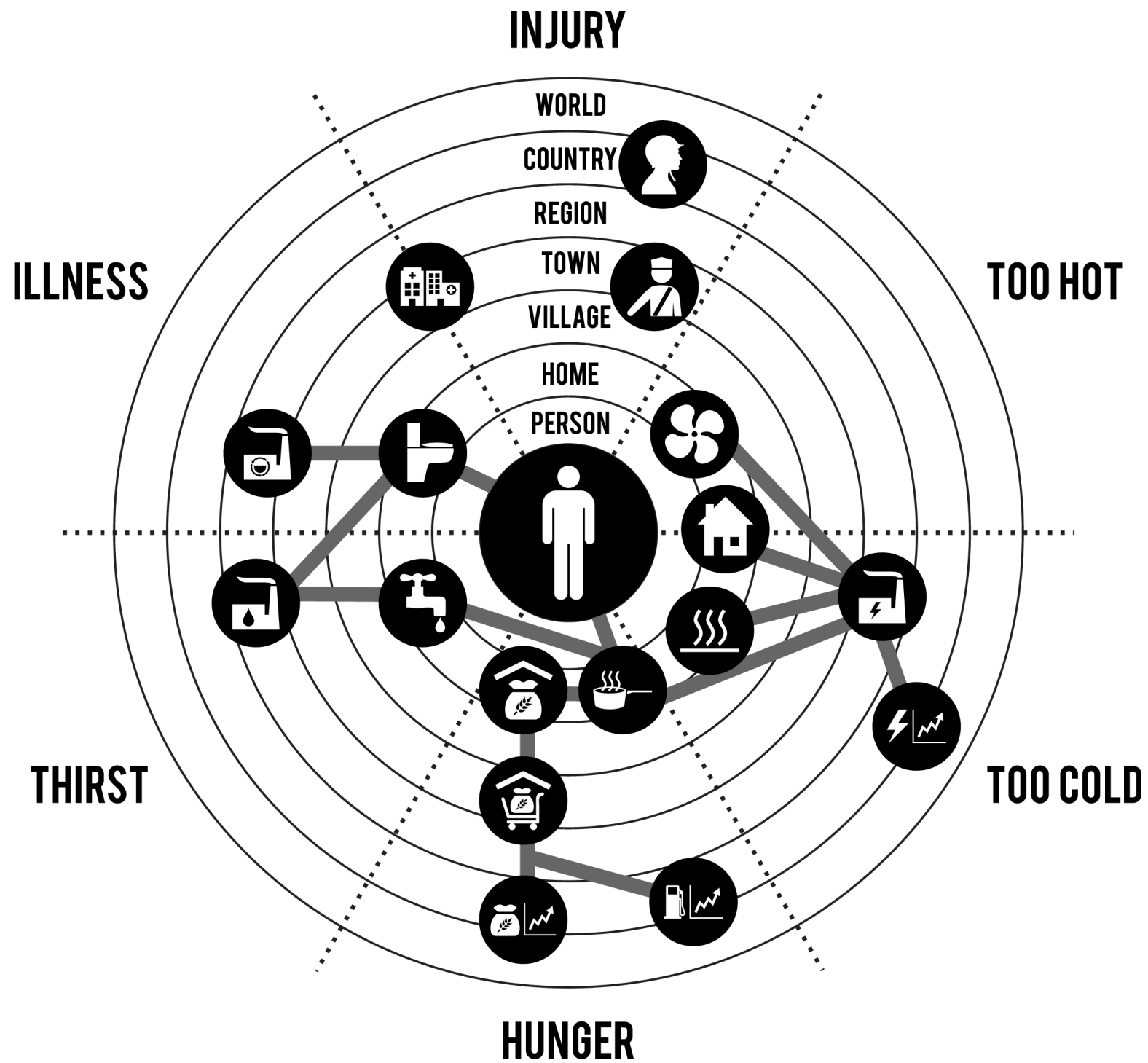
100 essays about the future

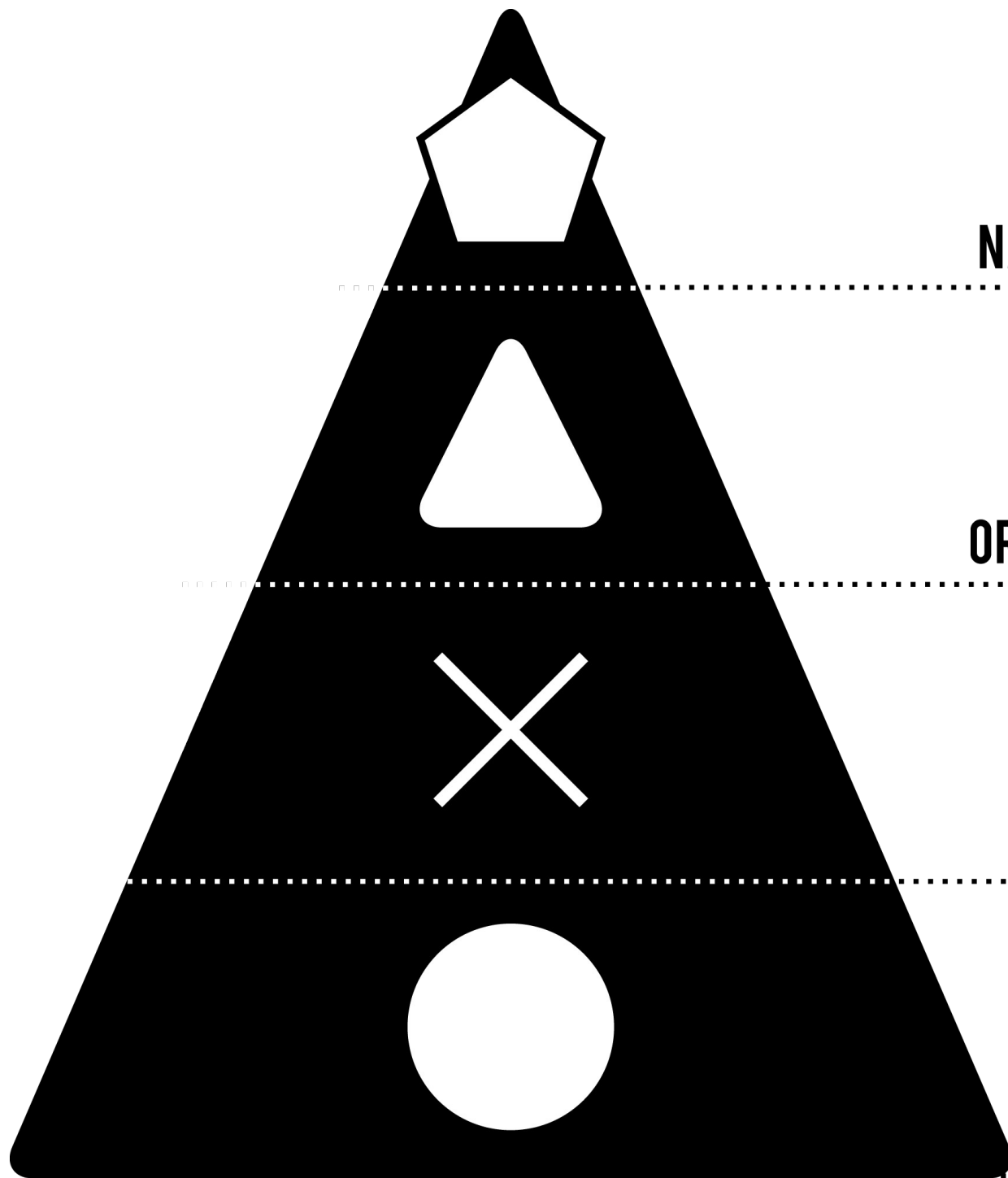
@LEASHLESS



**THEFUTUREWEDESERVE.COM**



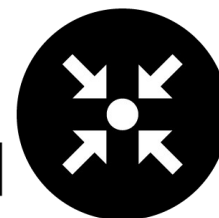




**NATION STATE**



**ORGANISATION**



**GROUP**



**INDIVIDUAL**



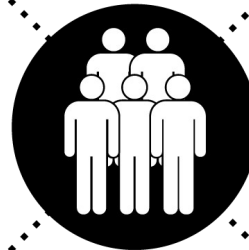
**COMMUNICATIONS**



**SPACE**

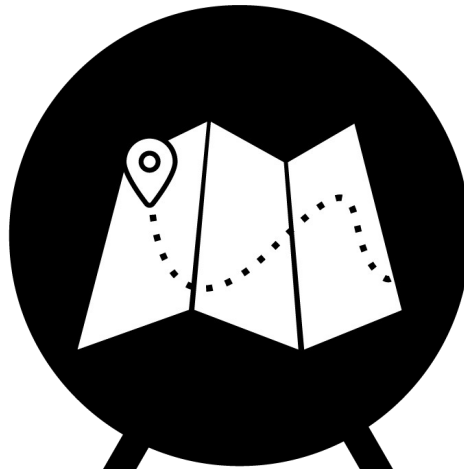


**RESOURCE  
CONTROL**



**TRANSPORTATION**

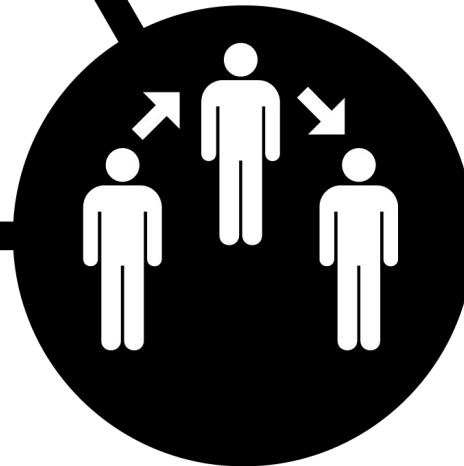
**SHARED MAP**



**SHARED PLAN**



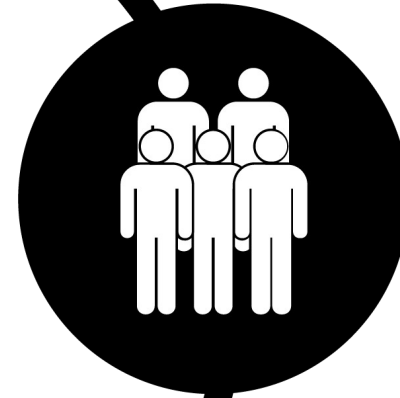
**SHARED SUCCESSION  
MODEL**



**JURISDICTION**



**CITIZENS**



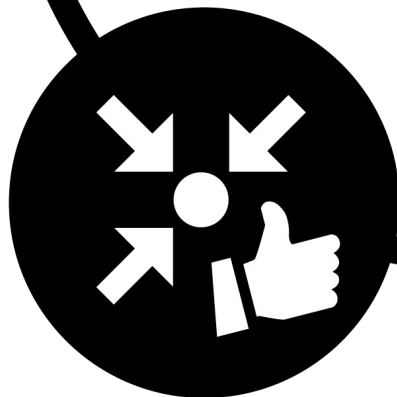
**TERRITORY**



**INTERNATIONAL  
RECOGNITION**



**EFFECTIVE  
ORGANISATION**



**SCIM**

