



MAECONOMY.ORG

The **Global Certificate Authority** for Reusable Materials

MATERIALS.COM

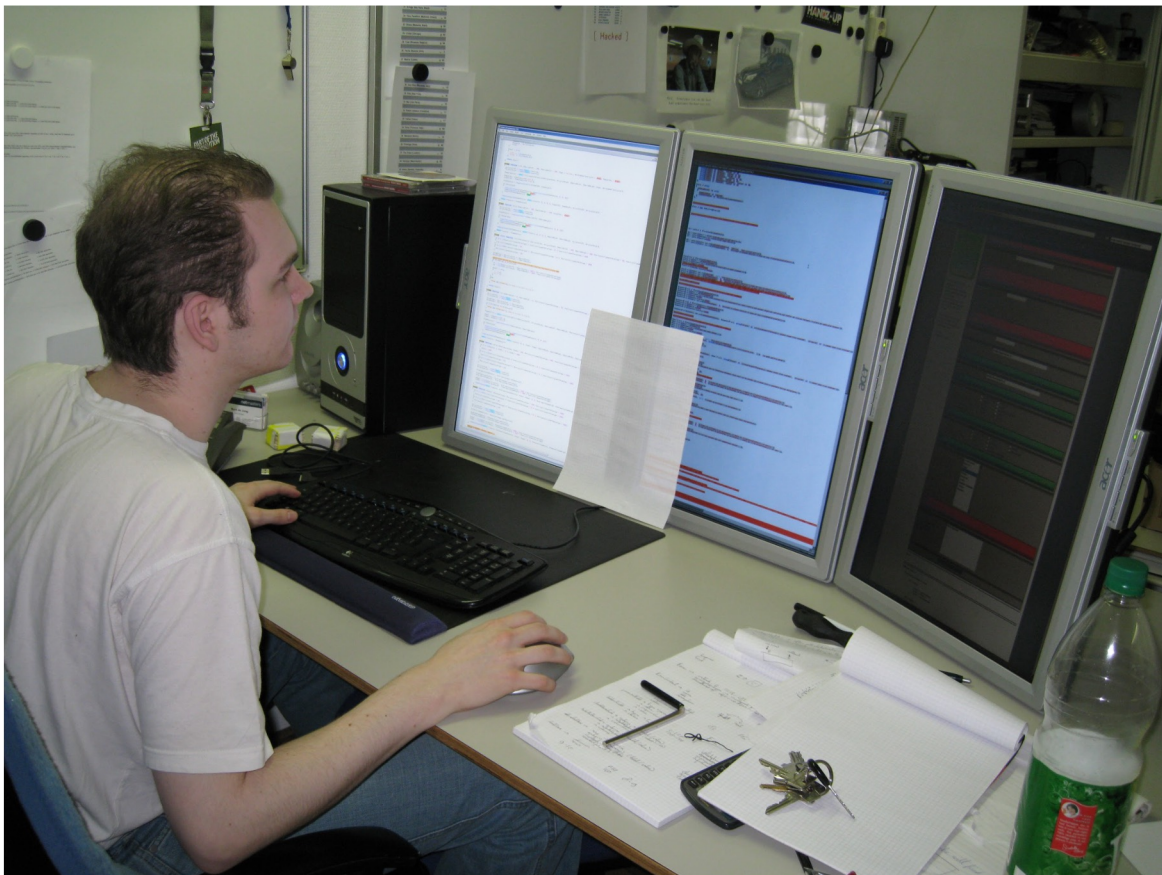
The **Global Exchange** for Reusable Materials

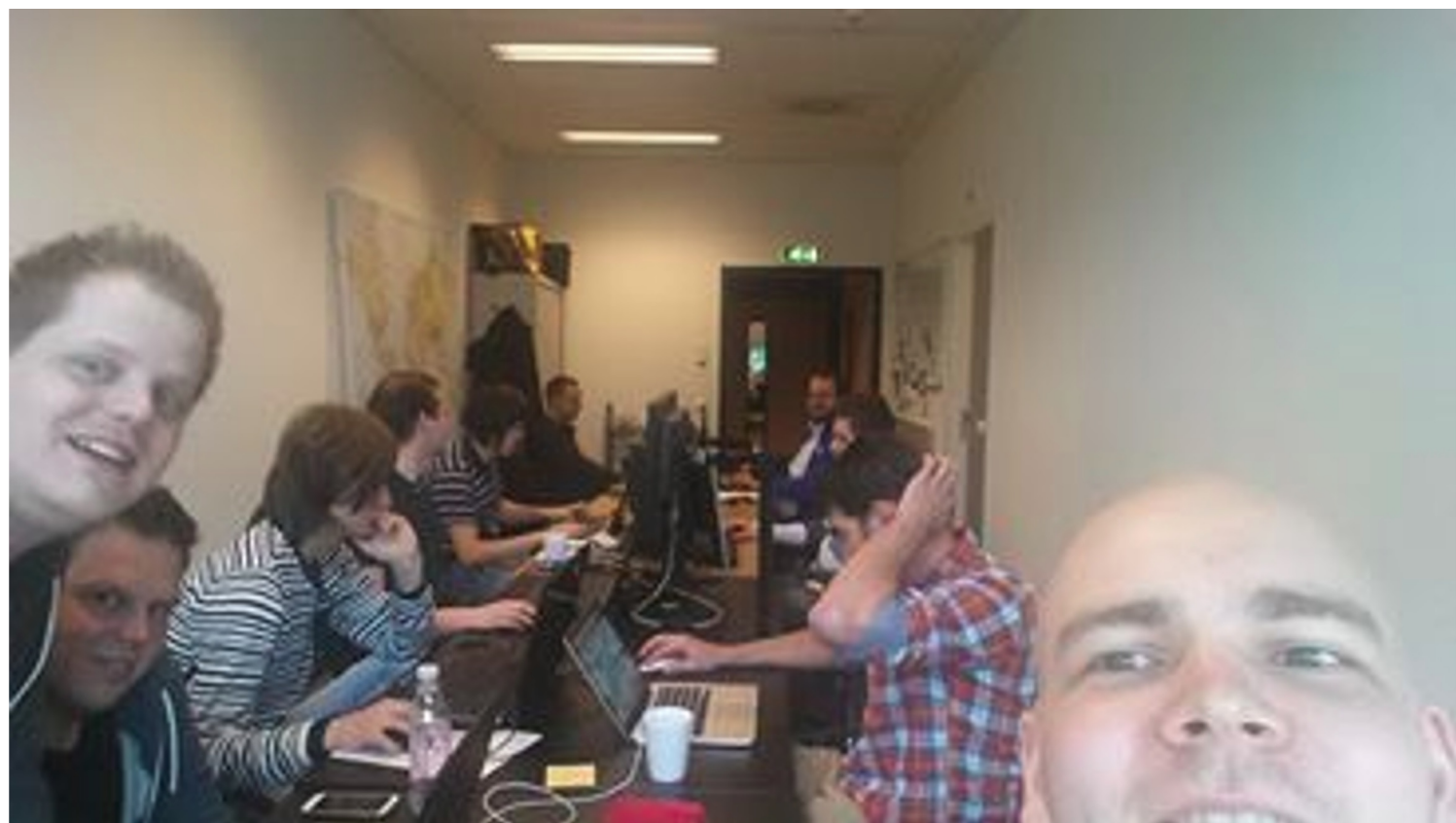
HELLO

my name is

VINCE? ;-)







1 BTC = € 2.084,54

1 ETH = € 275,62 | 1 LTC = € 24,77

DIRECT BITCOINS KOPEN &



COINS KOPEN

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email kunnen sturen naar
gaan we het zo snel
ent!



INFORMATIE

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whole mobility landscape is changing you
already heard



Brightlands

Knowledge crossing borders

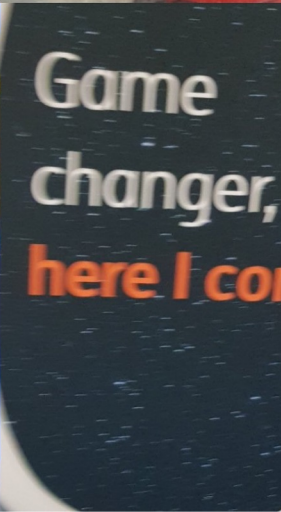
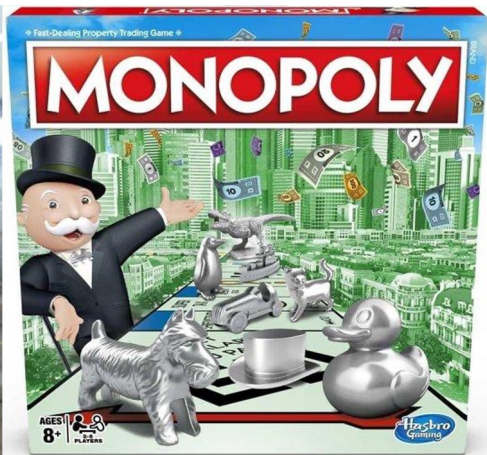






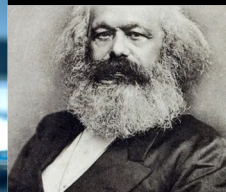
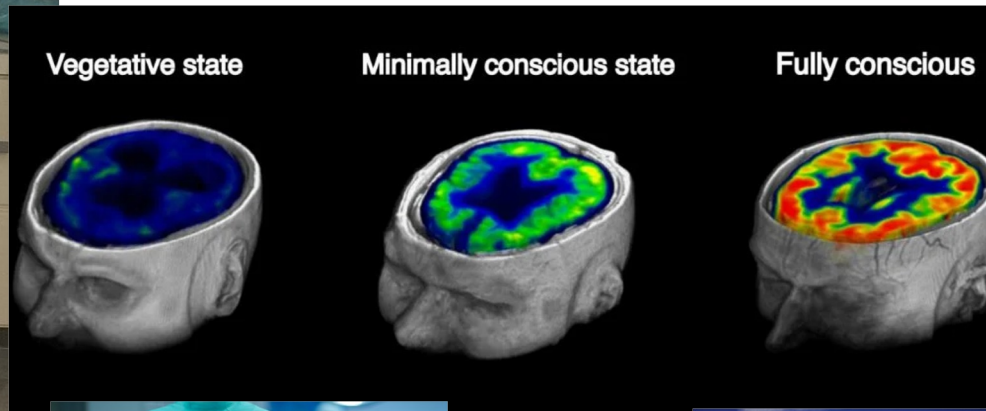






Warning:

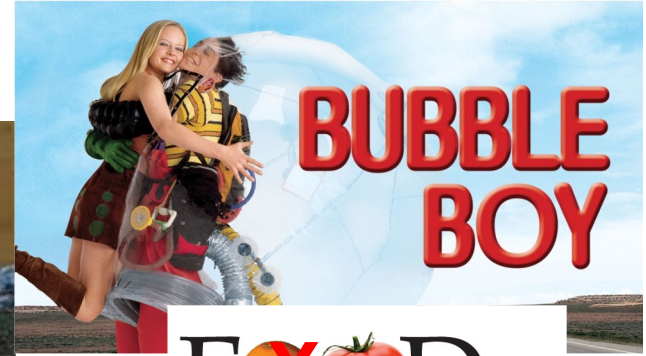
The following image contains graphic material. Viewer discretion is advised.







~3 months Intensive Care
9 Months of full isolation
BMRO / MRSA
No more functioning digestive track
Heavy organ damage
Dying slowly & painfully



FO~~X~~D &
DR~~X~~INK





 **Maastricht UMC+** 
More knowledge, better life

Uitbehandeld, bon voyage

**MAYO
CLINIC**
 



LevenseindeKLINIEK

Game over
Euthanasie eind juli





Plan



Expectation



Reality





The global building sector is responsible for 60% of all material flows, produces 40% of all waste, and recycles only 3%.



Source: ReUseMaterials

COMING SOON
MAEROSBOROS.COM

The **Global Ecosystem** For Reusable Materials

COMING SOON
MAECONOMY.ORG

The **Global Certificate Authority** for Reusable Materials

COMING SOON
MAEATERIALS.COM

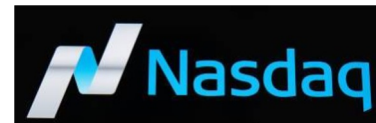
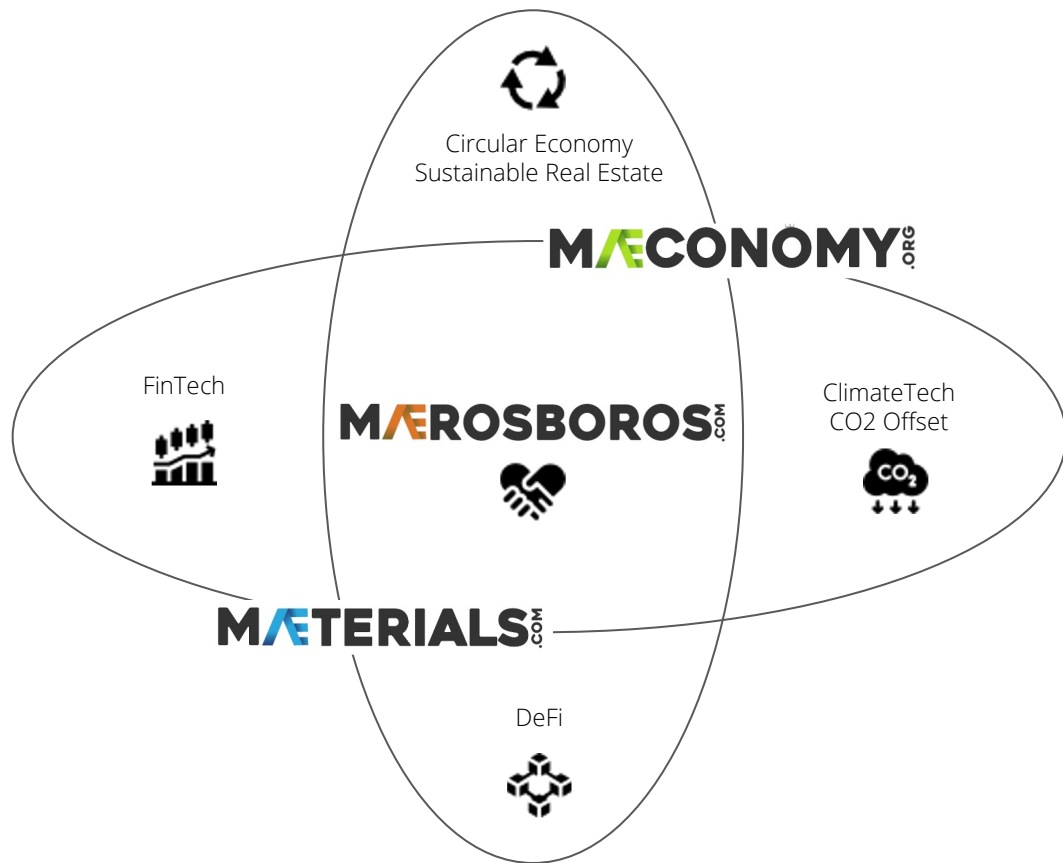
The **Global Exchange** for Reusable Materials

€ 26B/d Market NL



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A Unique Crossover Between Different Investment Spaces



"The NASDAQ/Binance/Coinbase
of Reusable Material Assets"



Brick



Concrete



Steel



Timber



Glass



Roof Tile

€ 26B/d Market NL

INTRO

- “Waste doesn’t exist!”
- **“Waste is just material without an identity!”**
- **“Demolition is a design failure!”**
- “If it can’t be recycled, it shouldn’t be built!”
- “A building is just a temporary storage for materials, configured for a temporary use/function!”
- “We should not own materials, we are just temporary users/guardians of them!”



Why we started this?



We're all citizens of this beautiful mother earth, the little blue dot in space.

And in spite of all our differences, the planet is what we all have in common.

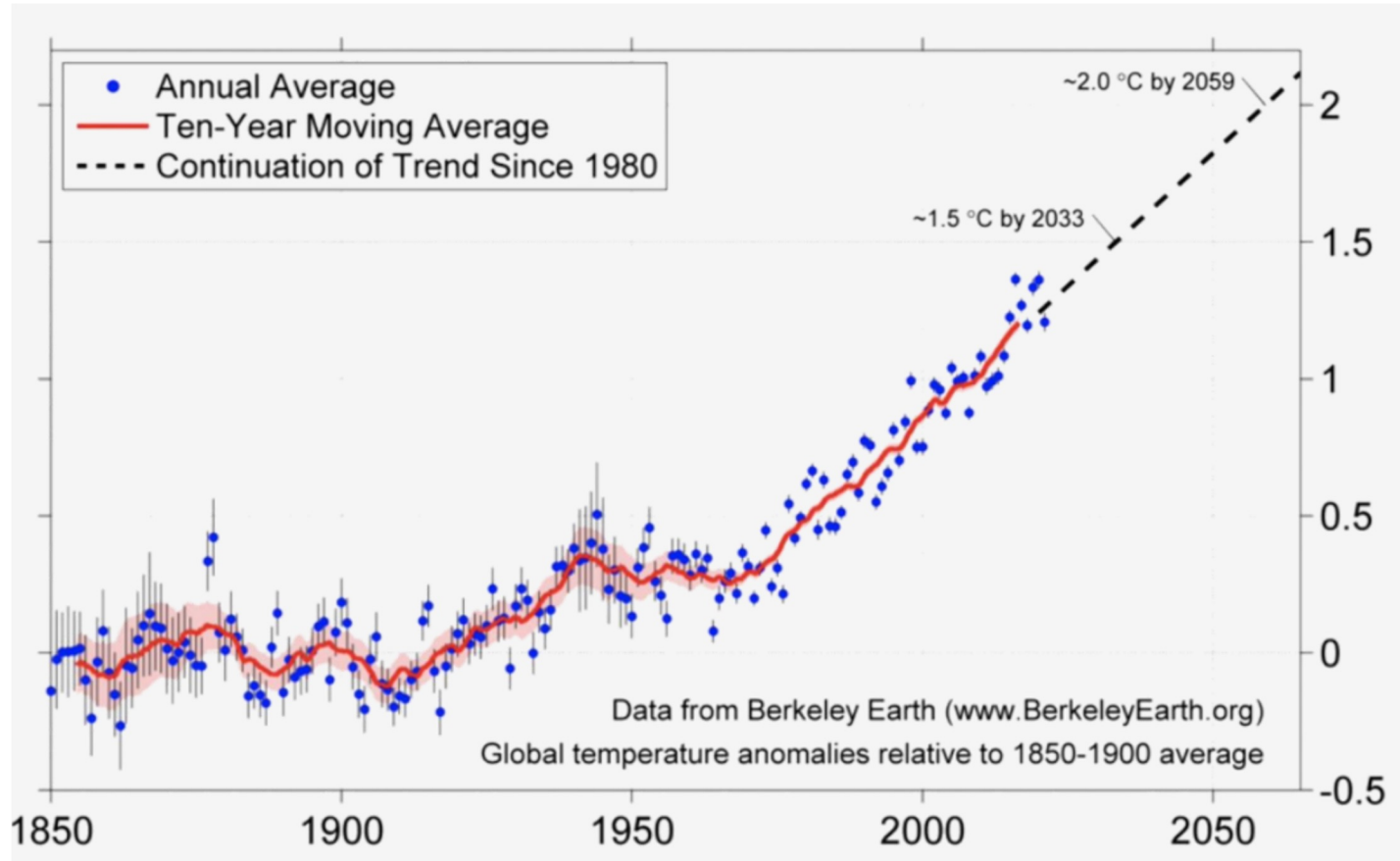
We only have 1, there is no planet B.



The truth is, we did not just inherit this planet from our parents, but maybe more importantly, we also borrow it from our children...

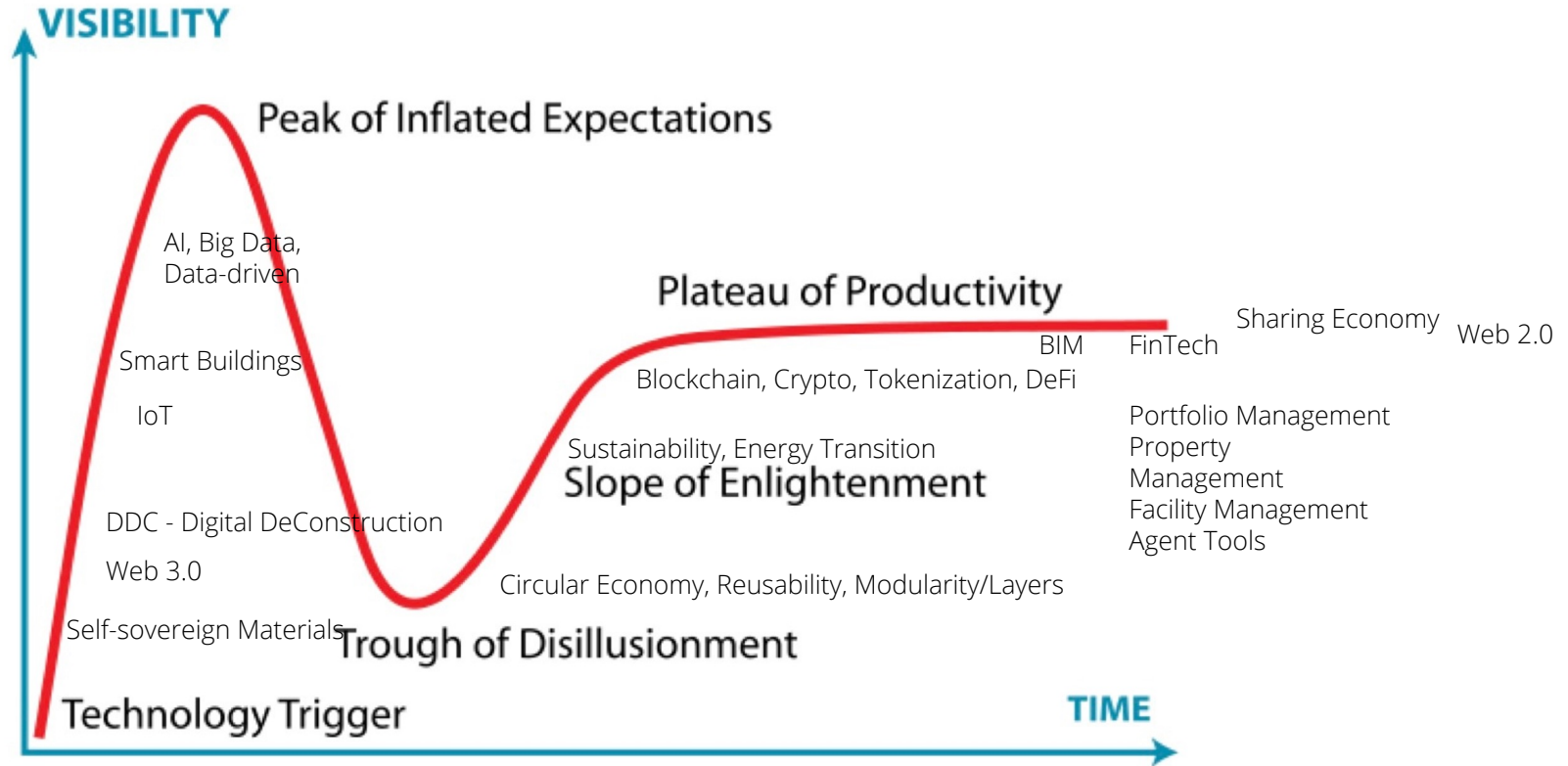
We have the responsibility of guardianship for the next generations.

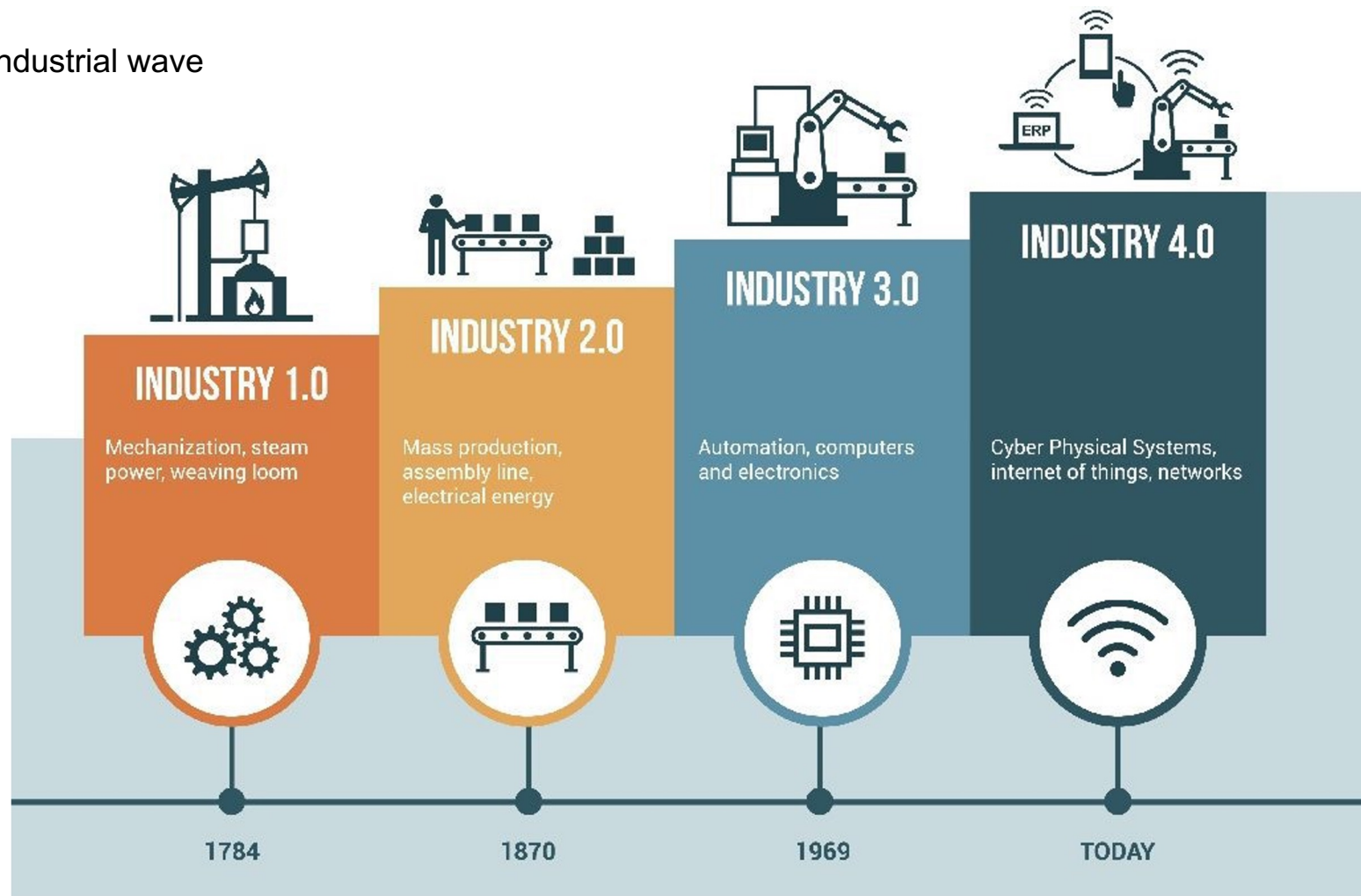
TRENDS



HYPE CYCLE

Gartner Hype Cycle



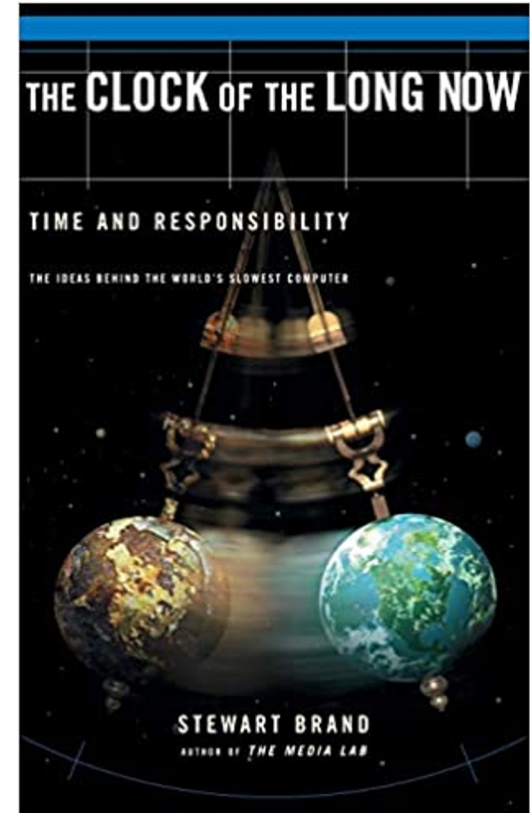
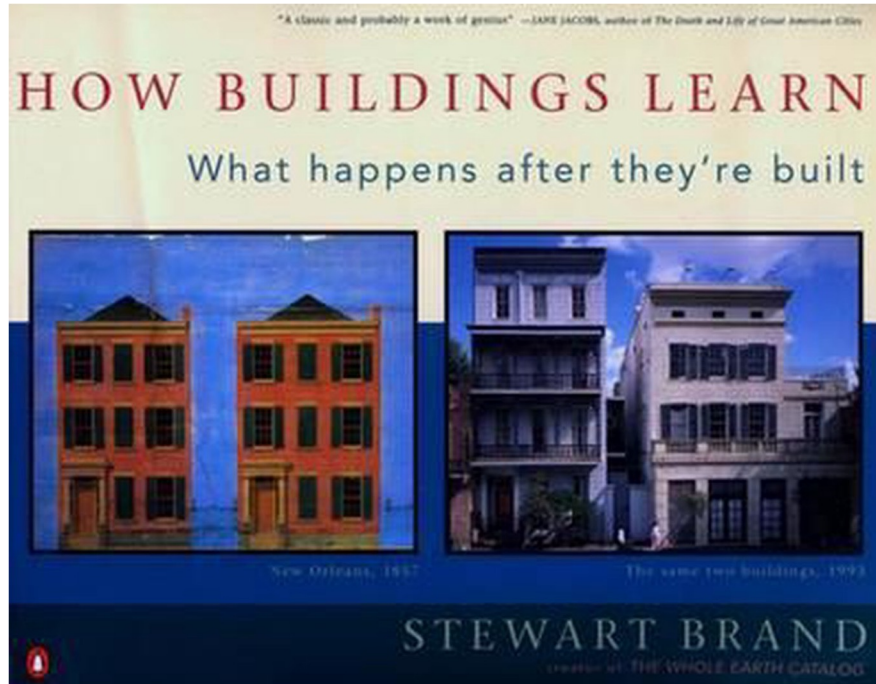


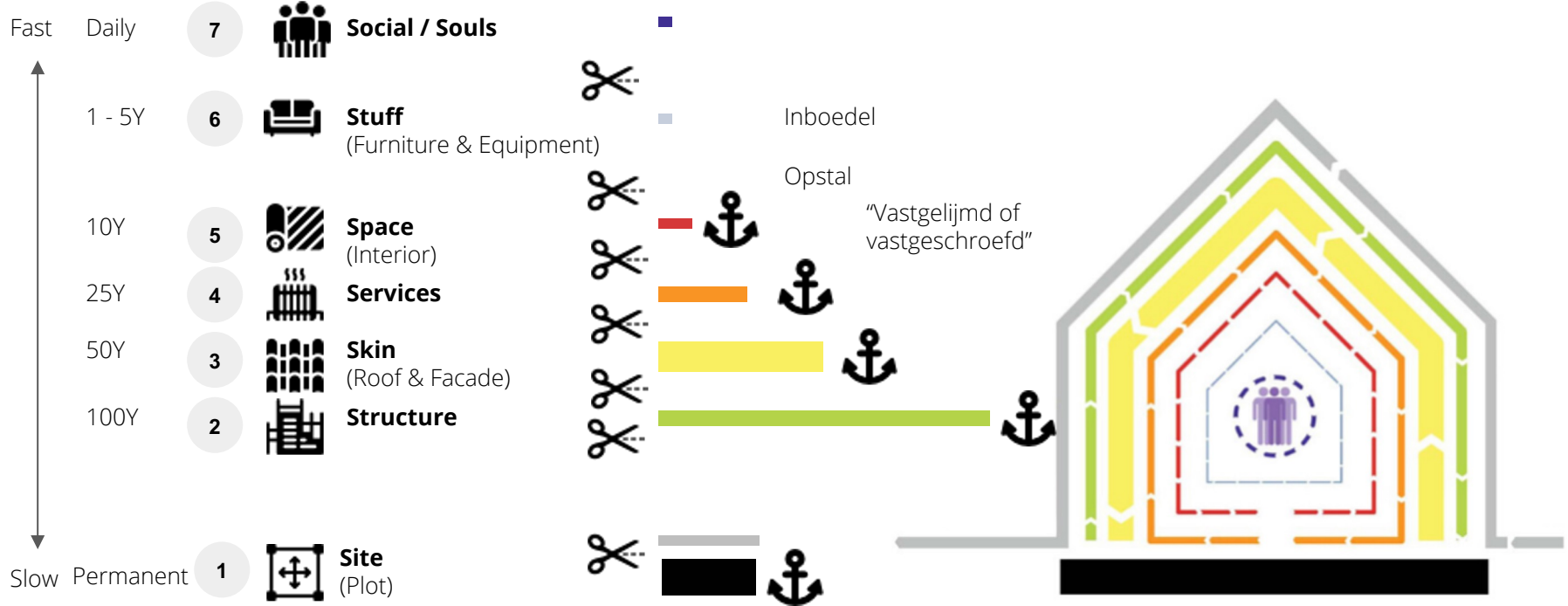


LAYERS OF CHANGE

PACE LAYERS
THINKING

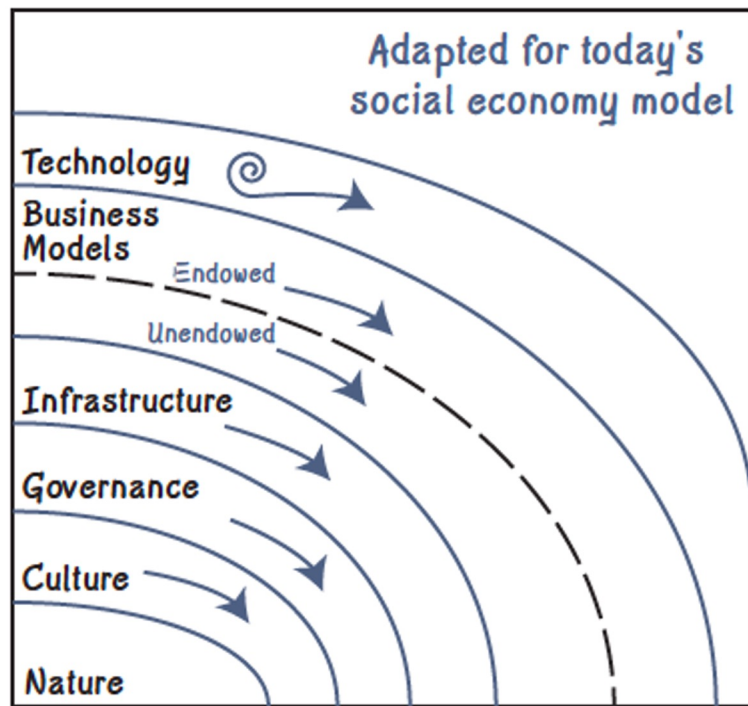
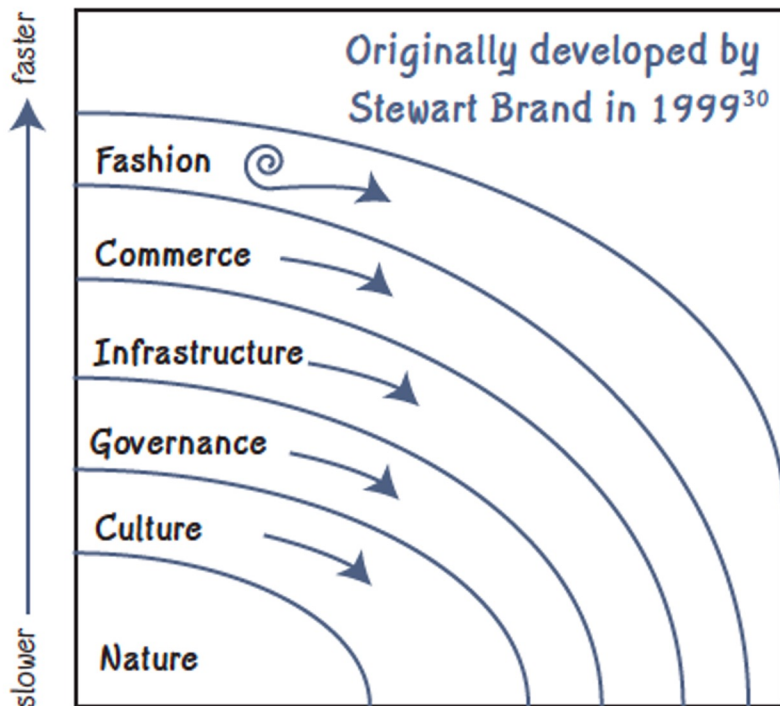
Stewart Brand - How Buildings Learn - 6 S's Model





LAYERS OF CHANGE

The social economy ecosystem has many layers, all of which change at different rates, the outer layers moving faster than the inner.




PHILIPS Voor zakelijke gebruikers Voor consumenten Meer van ons Nederland

Producten ▾ Toepassingsgebieden ▾ Services ▾ Inspiratie ▾ Kennis ▾ Ondersteuning & Contact ▾

Home ▸ Inspiratie ▸ Projecten ▸ Kantoor ▸ Architectenbureau RAU

Echt duurzaam je kantoor verlichten

innovation  you






?

THE PROBLEM



Everybody agrees & wants to be more sustainable & circular!

But...

How do we pay for it?

Incentives are not efficient yet,
lot's of heavily underutilized reusable material capital.



THE OPPORTUNITY

MAECONOMY.ORG



1. ✓ Create legal “rails/handles” (certification) for reusable materials.

MATERIALS.COM



2. ✓ Create financial “rails/handles” (tokenization) for reusable materials.



3. ✓ By financializing this into a market,
transaction volumes drastically increase,
unlocking new business models
to create the right incentives for sustainable & circular reuse of materials,
making reusable materials a more attractive option than new materials,
and maximize the usage of underutilized reusable material capital.



- Intransparent & Inaccessible
- Underutilized Reusable Material Capital

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MATERIALS.COM



- Transparent, Accessible & Manageable
- Fully Utilized Reusable Material Capital

OUR GOAL



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An economic & industrial system for our society,
where no endless natural resources are exhausted
and residual materials are completely reused in the system.
An economy where materials will always keep their value.

Construction industry goals in NL:

- 2030: 50% Circularity
- 2050: 100% Circularity

Full Circularity in 1 generation.

MÆTERIALS.COM

To be the leading global exchange
for sustainable investments in reusable materials.

Due to drastic demand reduction for new materials:

- Close mines, forestries, foundries
- Reduce transportation
- Make earth overshoot day a thing of the past.

We believe tomorrow's society will be built with today's reusable materials
in a livable & healthy climate.



Thanks to the reusable material guardianship of people all over the world that believe in,
support & invest in:

MAECONOMY.ORG **MAE**TERIALS.COM



MAECONOMY.ORG

€ 26B/d Market NL

The **Global Certificate Authority** for Reusable Materials



1. We give each reusable material digital legal “rails/handles” through certification

This allows us to define & contract a sustainable & circular deconstruction and local reuse strategy.



1. Which makes future CO2 offset & energy savings tangible & manageable.



2. We provide an instrument to turn real estate into qualified sustainable & circular real estate.

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Certification

BIM



- **BOM:** Bill of Materials
- **DMDB:** Digital Materials Database
- **MP:** Material Passport
- **Madaster:** Material Register



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Audit



(Automated)



Material Certificates

Gives it digital legal “rails/handles”



Brick	Type 143	2.4 m3
Concrete	Type 62	12.5 m3
Steel	Type 32	2.1 m3
Timber	Type 768	6.3 m3
Glass	Type 53	0.3 m3
Roof Tile	Type 152	6.8 m3



Ownership Certificate

for

Facing Brick ASTM C216



Item: Clay brick

Volume: 2,5 m³

Batch number: R3468-5643-877

Unique Identifier: NL9b1deb4d-3b7d-4bad-9bdd-2b0d7b3dcb6d

Location: Smedestraat 2, 6411 CR Heerlen, The Netherlands.

Appraised price: EUR 286/m³.

Carbon footprint: 420 kg CO₂-eq per cubic meter.

Hash of certificate:

0x6fc26a4b86f2ac0c4f221d6881b5a73b9402d629856f0a6f68191de
fcb224dad

Timestamp: 29.10.2021 11:22:39 UTC

Issued by: MAECONOMY.ORG

Click to add file or drag it here

Or enter data identifier:

0x8e2a6142befd9d684b3ad9ac255ba762b5cfa20f37

Uploaded

Uploaded on chain

Enter sender ID:

x74cF29F552CAed22CA66e208215E10A41918fc08

Verify

Copyright © 2022 - ReCheck BV



Successful validation!

This item is **Uploaded** on **Ethereum** blockchain on **29.10.2021** at **15:42:39 UTC** by **0x74cF29F552CAed22CA66e208215E10A41918fc08**

Click below to see technical details about the recorded blockchain transaction.

Show Blockchain Details

CLOSE



Successful validation!

This item is **Uploaded** on **Ethereum** blockchain on **29.10.2021** at **15:42:39 UTC** by **0x74cF29F552CAed22CA66e208215E10A41918fc08**

Click below to see technical details about the recorded blockchain transaction.

Show Blockchain Details

Action Type: Upload

Data Hash: 0x8e2a6142befd9d684b3ad9ac255ba762b5cfa20f37c148ae7ea93d9065037a03

Trail Hash: 0x316241c6dd0df3a890aeecc3cecb0691ba4d946fa2d4f505dff5dc0143a89120

Trail Hash Signature:

0xba46e87c7e455a518ea22c2c907f367ad57b6fc1bed45551337f8787c57c0c36

CLOSE

The result:



Minimize CO2 footprint



Future circular disassembly



Auditable sustainable



Stadskantoor Gemeente Heerlen

📍 Putgraaf 188, 6411 GT Heerlen

Type project

Renovatie

The global building sector is responsible for 60% of all material flows, produces 40% of all waste, and recycles only 3%.



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The **Global Exchange** for Reusable Materials

Source: ReUseMaterials

€ 26B/d Market NL



1. We give each **reusable material** digital financial “rails/handles” through **tokenization**.
This allows us to finance & incentivize a sustainable & circular deconstruction and local reuse strategy to be more attractive than new materials.

Lease



1. We empower property owners to sell & lease back (stream) their materials.

This turns **illiquid real estate into a liquid market**.



1. We provide an instrument to investors to become guardians & hedge market risks of materials.
2. We empower polluters to offset their CO2.
3. We empower ESG / UN-SDG focused investors to fulfill their public commitments.
4. We empower urban mining companies to contract future availability of materials.

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Material Certificates



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Material NFTs

Gives it digital financial “rails/handles”

Specific to a unique brick or other material.



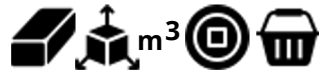
Similar Material NFTs



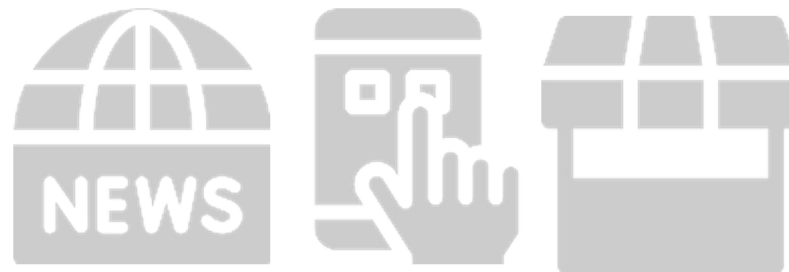
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1 Cubic Meter Material Index Tokens



Each index token represents a **stable coin**,
backed by **physical tangible reusable materials**,
as a **prepayment for the actual material** in the future upon disassembly.



Brick

€ 495.23 ▲
(+13%)



Concrete

€ 242.48 ▼
(-1%)



Steel

€ 15,711.96 ▲
(+37%)



Timber

€ 1,527.75 ▲
(+89%)



Glass

€ 2,339.54 ▼
(-12%)



Roof Tile

€ 884.21 ▼
(-14%)

Trade against: **\$USD / €EUR / ¥CNY / ₿BTC**

Like: **Petro\$ / BNB** for Materials

The result:



Financially liquid



Finance correct
disassembly & reuse



Revenue sharing from trading



Stadskantoor Gemeente Heerlen

📍 Putgraaf 188, 6411 GT Heerlen

Type project

Renovatie

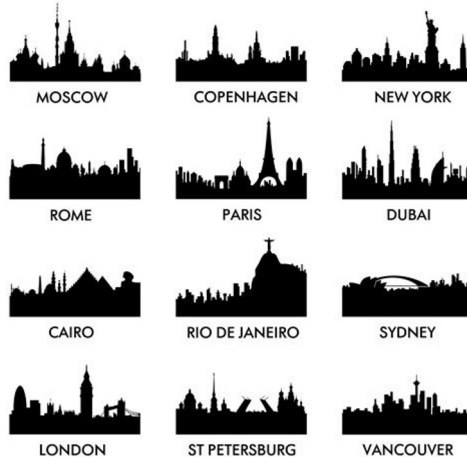
Childhood Games Metaphors



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Let's play "LEGO" in the real world!

- Let's keep rebuilding the world we need!
- With existing reusable materials from buildings all around us through urban mining in a sustainable & circular way instead of needing new ones.



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Let's play the original "Monopoly" in the real world!

- We empower everyone around the world to own a piece of it!



Planning



Construction



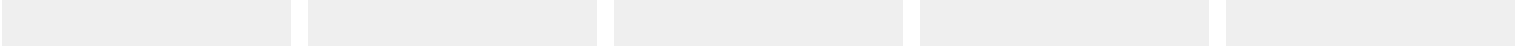
Operation



Disassembly



Reuse



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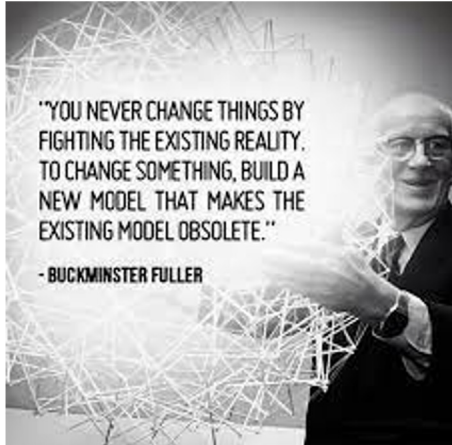




Internet of the Commons / “Smart” Nature managing its own interest.

Open up the dialogue with our environment.

RFID / NFC / Nanofibers / Geospatial identifiers etc. for fingerprinting.



MATERIALS.COM

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Thank you :)