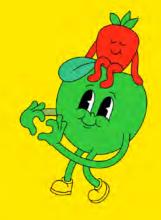
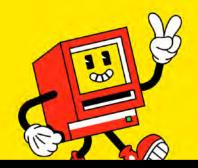


# Welkom bij The School of life!









theschooloflife.com/amsterdam

# DEKRACHT VAN VERTROUWEN



VAN



## ATOOM TOT PLANEET

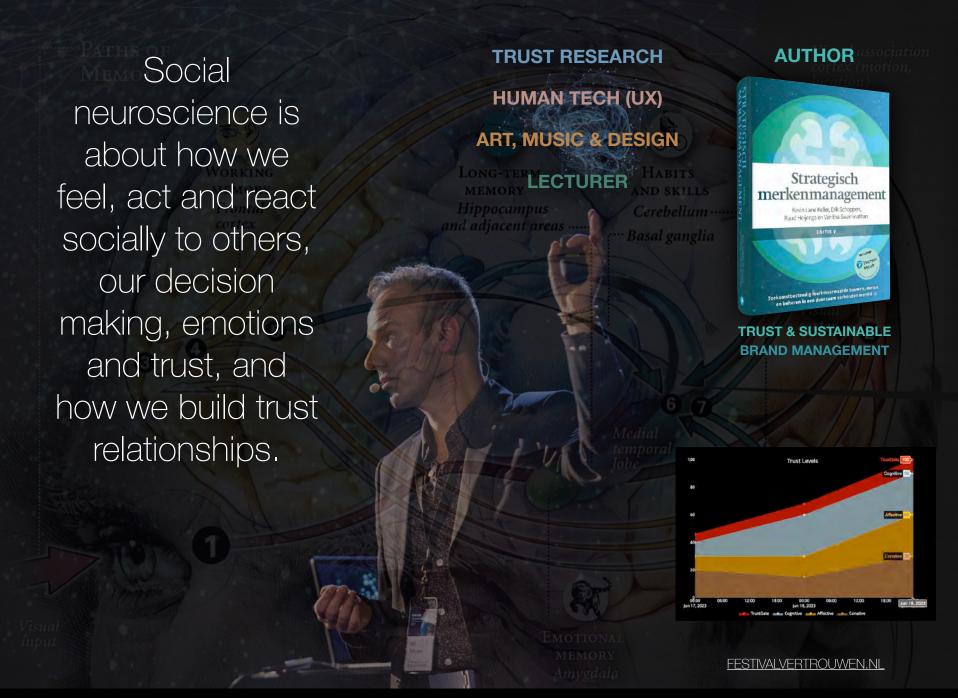
VAN MOLECULAIRE INVLOED...

...TOT PLANETAIRE IMPACT

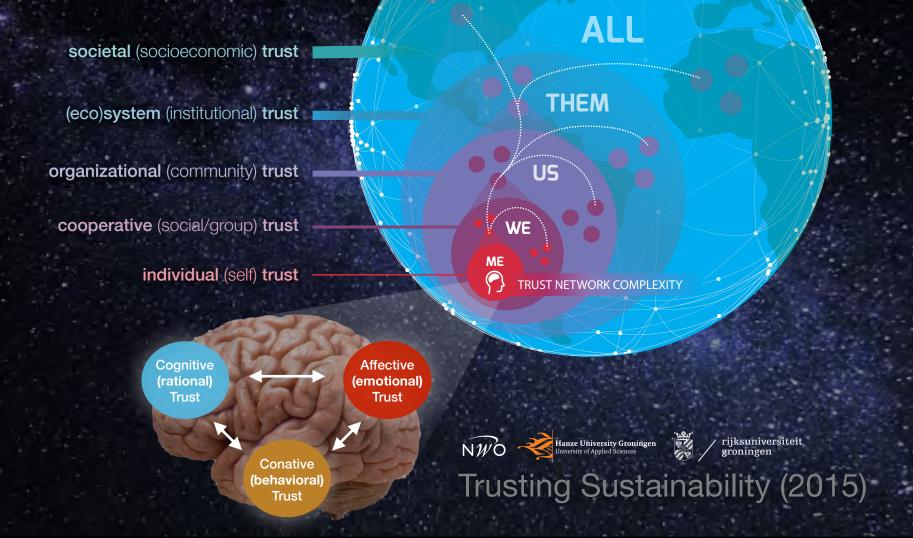
LOWLANDS

**ERIK SCHOPPEN** 





# Research into (sustainable) trust attitudes (trust-based decision making)



# Research into (sustainable) trust attitudes (trust-based decision making)



Trust

Research into (sustainable) trust attitudes (trust-based decision making

societal (socioeconomic) trust

(eco)system (institutional) trust

organizational (community) trust

cooperative (social/group) trust

individual (self) trust





TRUST NETWORK COMPLEXITY

### TRUST?

Trusting Sustainability (2015)

**TRUST CRISIS** 

CLIMATE **ENERGY** 

HOUSING FOOD, WATER

**HEALTHCARE** DISEASES

POLITICS **ECONOMY** 

> **WEALTH POVERTY**

**HEALTH PEACE** 

Research into (sustainal truct attitudes (trust-based **TRUST** 

societal (socioeconomic) trust

(eco)system (institutional) trust

organizational (community) trust

cooperative (social/group) trust

individual (self) trust

10 CASTLEDERG MOTHERWELL FOOD, WATER BELFAST 29.5℃ **HEALTHCARE** YEREVAN, ARMENIA 42°C QURIYAT, OMAN 42.6°C

SCORCHED EARTH Killer global heatwave sees alltime highs including 47C in CANADA... and it's set

to continue, experts warn

**WEALTH POVERTY** 

**CRISIS** 

CLIMATE

**ENERGY** 

HOUSING

DISEASES

POLITICS **ECONOMY** 

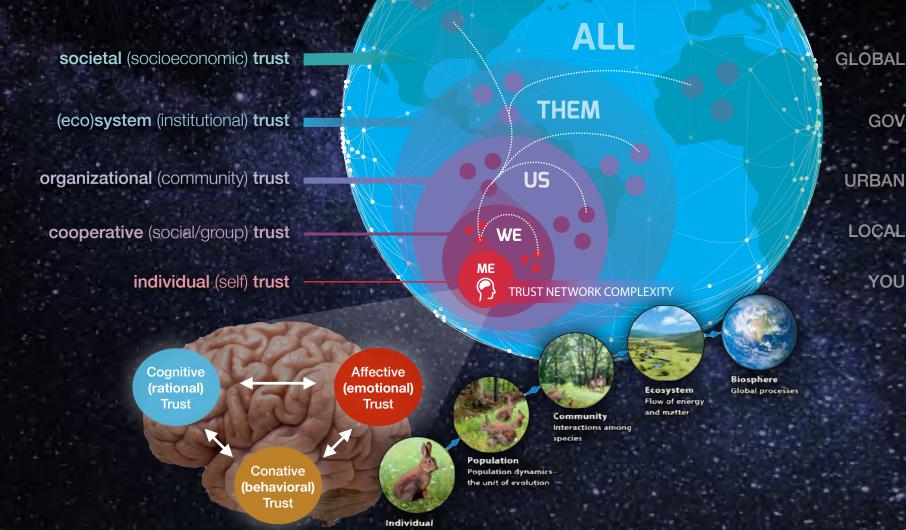
Cognitive **Affective** (rational) (emotional) Trust Trust

> Conative (behavioral) Trust

**HEALTH EXTREME HEAT** PEACE

Trusting Sustainability (2015)

# Research into (sustainable) trust attitudes (trust-based decision making)

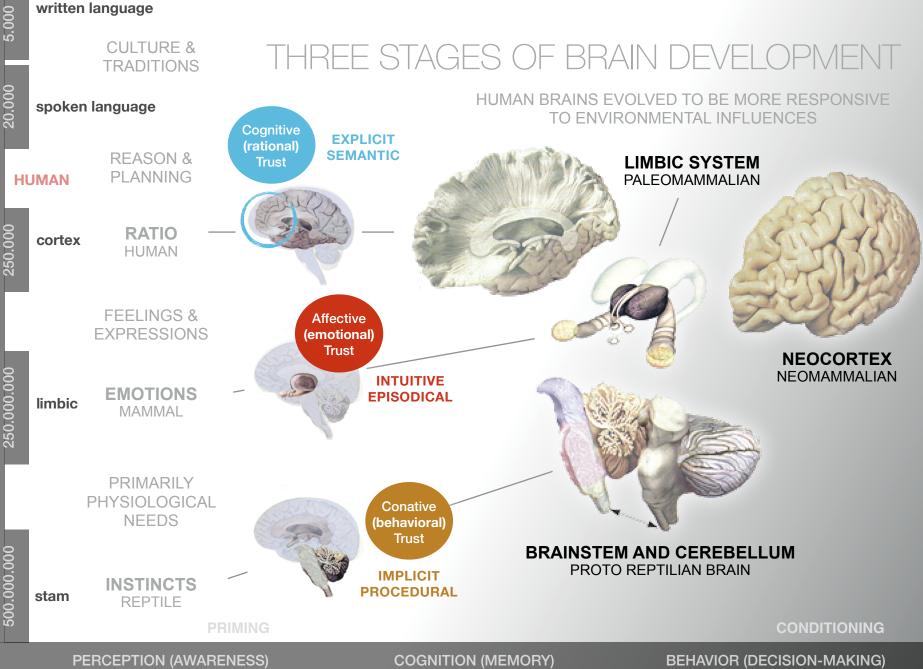


Survival and reproduction the unit of natural selection



250.000.000

500,000,000







### TEST



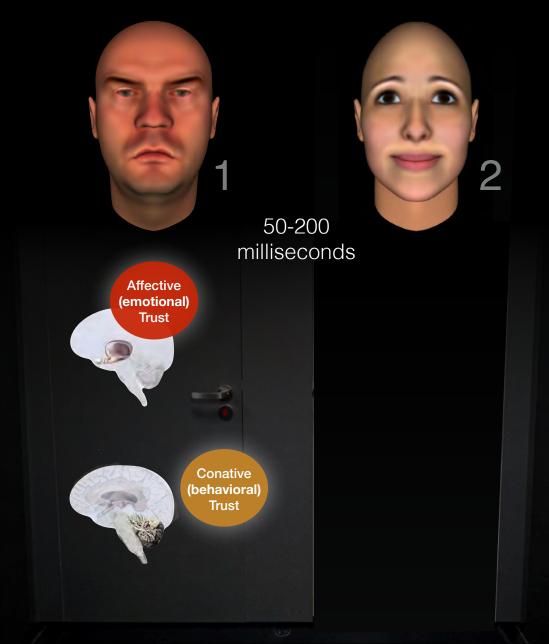




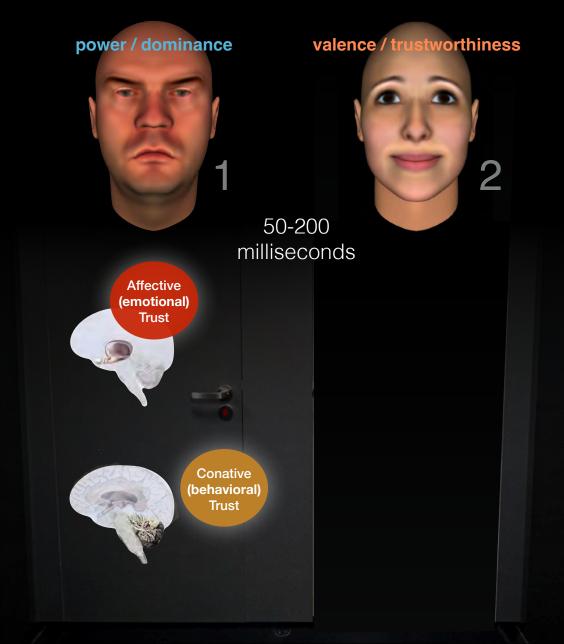




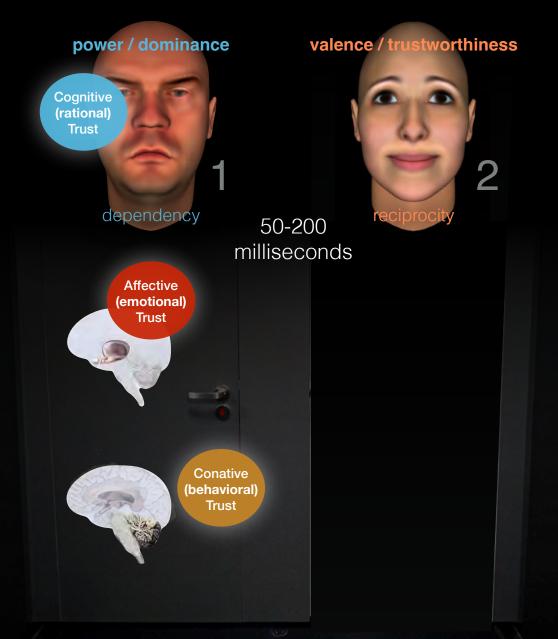
#### BRAIN HAS FOCUS ON FACES & FEELINGS



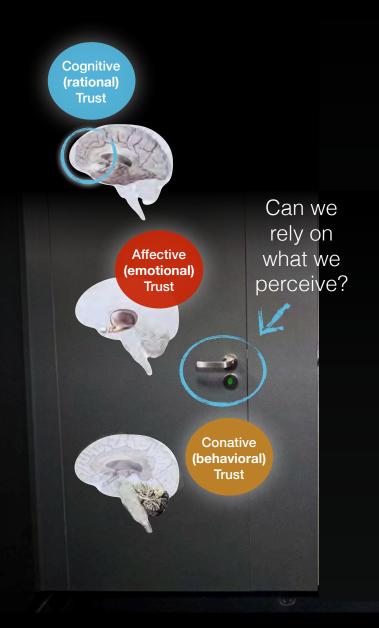
#### BRAIN HAS FOCUS ON FACES & FEELINGS



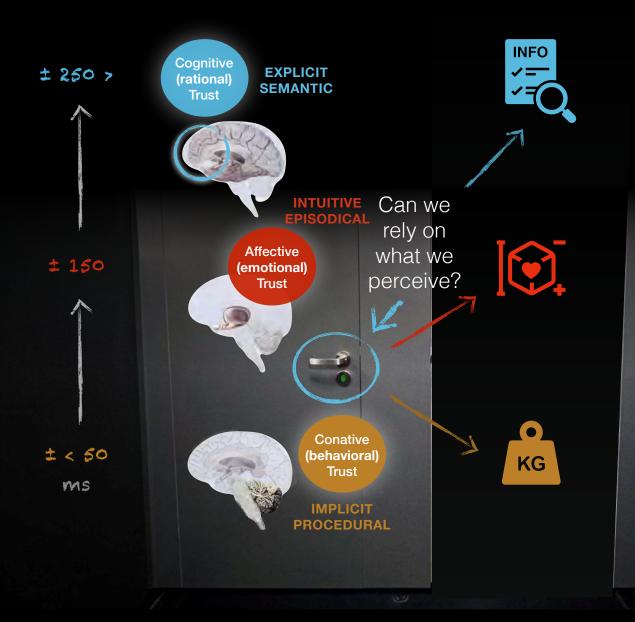
#### BRAIN HAS FOCUS ON FACES & FEELINGS



#### BRAIN NEEDS INFORMATION TO PREDICT TRUSTWORTHINESS



#### BRAIN NEEDS INFORMATION TO PREDICT TRUSTWORTHINESS



### TEST





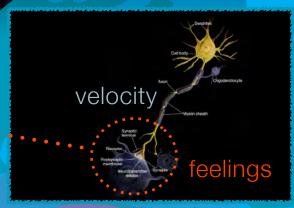


Neurotransmitter & hormone ... molecules



cooperative (social/group) trust

individual (self) trust

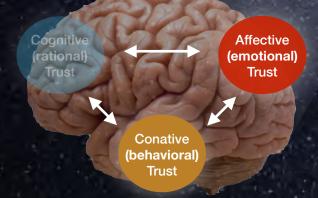


Loose groups of both sexes (trust on instinct & emotions)

ME

LOCAL

YOU



± 50.000.000 BC

Ancestors of monkeys

and apes split off

## NEURAL COMMUNICATION



NEURONS COMMUNICATE THROUGH SYNAPTIC CLEFTS
BY NEUROTRANSMITTERS BETWEEN THE NEURONS

## NEUROTRANSMITTERS & HORMONES

CARBON

**OXYGEN** 

**NITROGEN** 

#### DOPAMINE

THE 'GAIN-NOVELTY-SEEKER' IN YOU

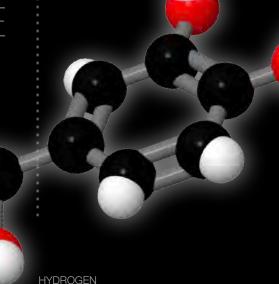
APPROACH, IMPULS

(RISK, FEED, F\*CK)





THE 'PAIN-SAVE-KEEPER' IN YOU
AVOIDANCE, PROTECT
(FIGHT, FLIGHT, FREEZE)



TRUST RECIPROCITY
FOR MUTUAL BENEFIT
(hunting, risk taking)



cooperative (social/group) trust

individual (self) trust

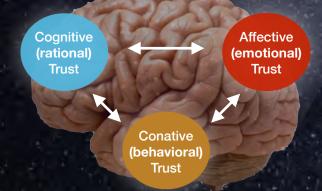


Tendency to live in groups (cognitive revolution)

ME P

LOCAL

YOU



TRUST RECIPROCITY FOR MUTUAL BENEFIT (hunting, risk taking)



cooperative (social/group) trust

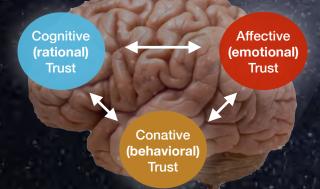
individual (self) trust



ME ME

LOCAL

YOU





TRUST IN THE FUTURE FOR GROWING & BUILDING (farming, herding, constructing)

organizational (community) trust

cooperative (social/group) trust

individual (self) trust



Planning (Time), Specialisation (Agricultural revolution)



**URBAN** 

LOCAL

YOU

Cognitive (rational)
Trust

Conative (behavioral)
Trust

± 12,000 - 8,000 BC
Forming permanent settlements
and more complex societies



TRUST IN THE FUTURE FOR GROWING & BUILDING (farming, herding, constructing)

organizational (community) trust

cooperative (social/group) trust

Cognitive

(rational)

**Trust** 

individual (self) trust

Affective (emotional) Trust

Conative (behavioral) Trust **SCHEDULING WORK & LIFE** 



US

WE

ME

**URBAN** 

LOCAL

YOU

± 12,000 - 8,000 BC
Forming permanent settlements
and more complex societies



(eco)system (institutional) trust

organizational (community) trust

cooperative (social/group) trust

individual (self) trust



TRUST IN
RULES, TRADE
& SYSTEMS
(possessions)

Social Recognition (integrative connectivity)

THEM

WE

TRUST NETWORK COMPLEXITY

GOV

**URBAN** 

LOCAL

YOU

Cognitive (rational) Trust

Conative (behavioral) Trust

t 5,000 BC - 1500 AC Emergence of empires & writing Coordination of large groups

## ORGANISATION OF TRUST

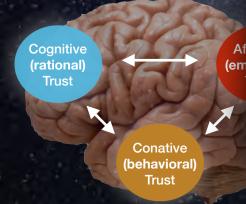


(eco)system (institutional) trust

organizational (community) trust

cooperative (social/group) trust

individual (self) trust





TRUST IN RULES, NORMS, SYSTEMS (possessions)

Social Recognition (integrative connectivity)

THEM

US



GOV

**URBAN** 

LOCAL

YOU

iting

## ORGANISATION OF TRUST



(eco)system (institutional) trust

organizational (community) trust

cooperative (social/group) trust

individual (self) trust

Social Recognition (integrative connectivity)

THEM -> OUTGROUP

US INGROUP

WE

TRUST NETWORK COMPLEXITY

Cognitive (rational)
Trust

Affective (emotional)
Trust

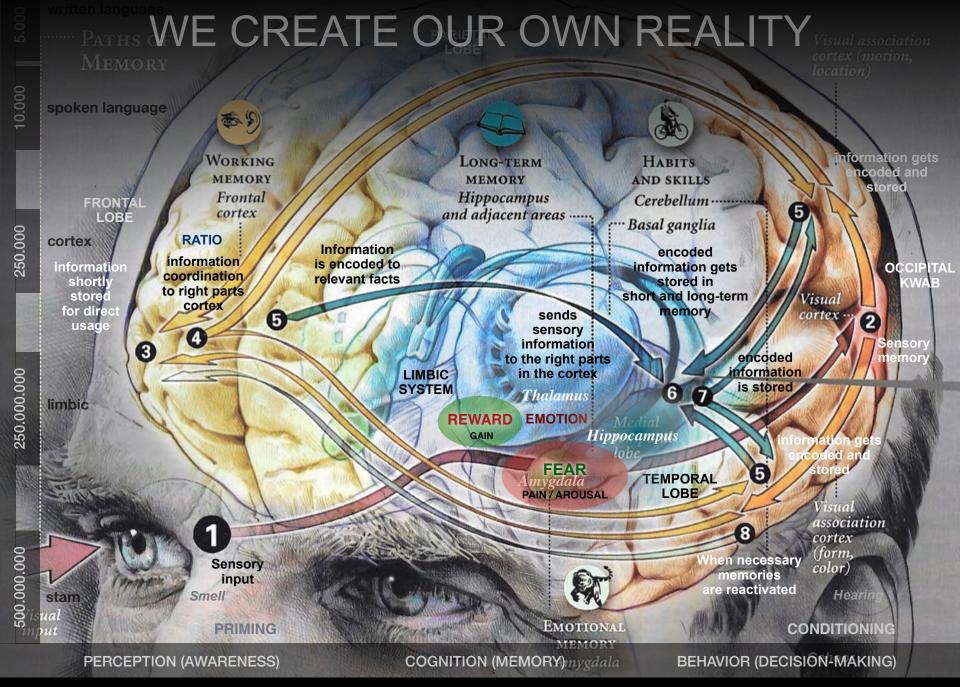
Conative (behavioral) Trust t 5,000 BC - 1500 AC Emergence of empires & writing Coordination of large groups

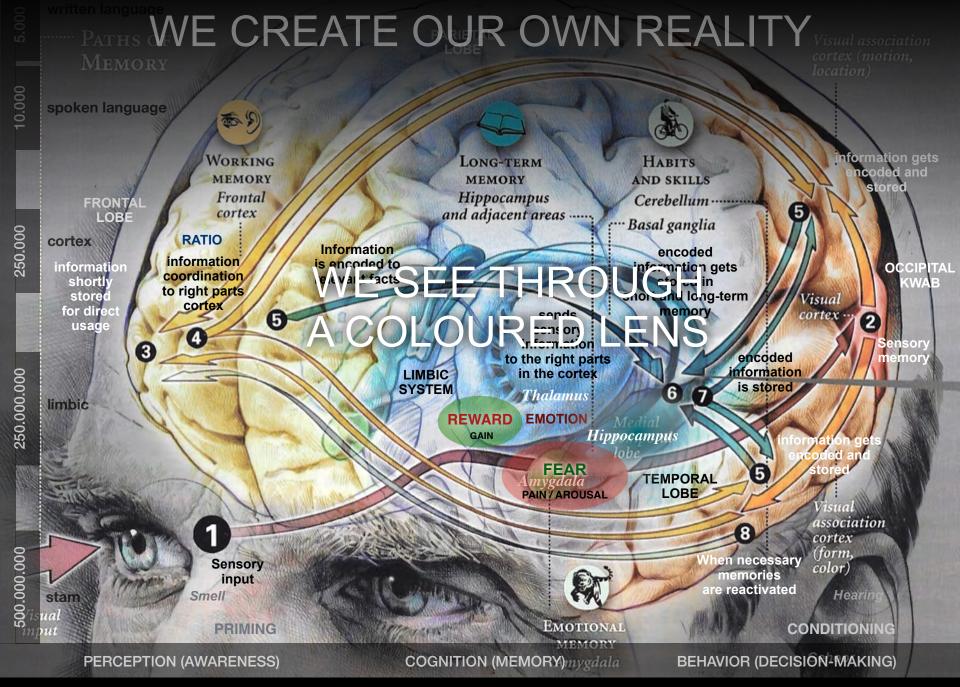
GOV

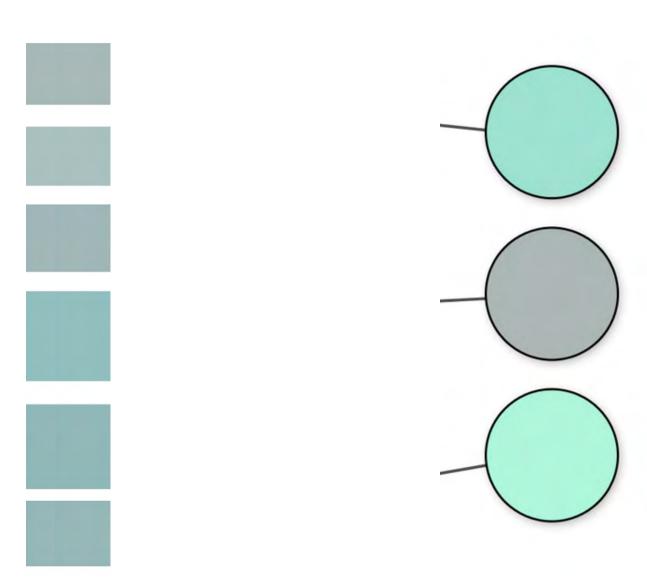
**URBAN** 

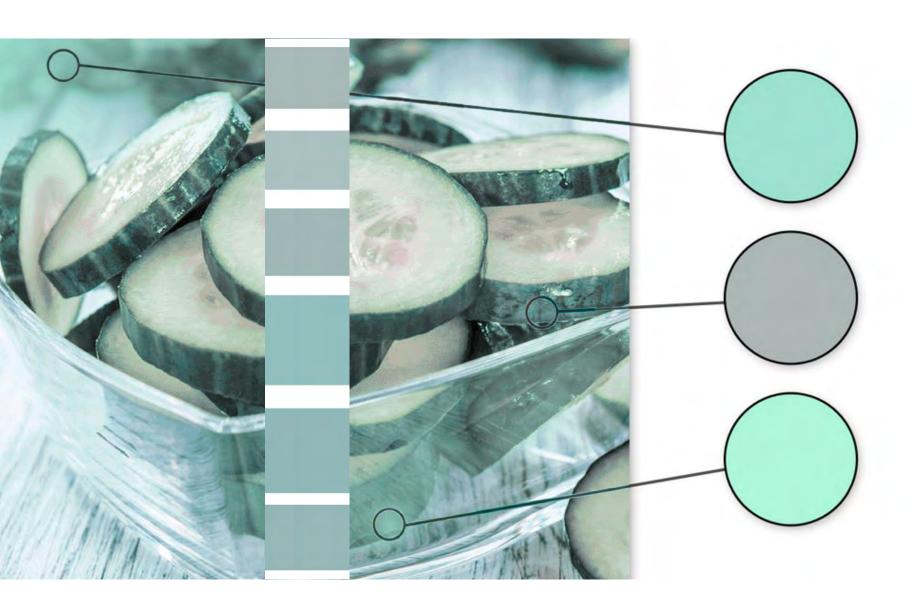
LOCAL

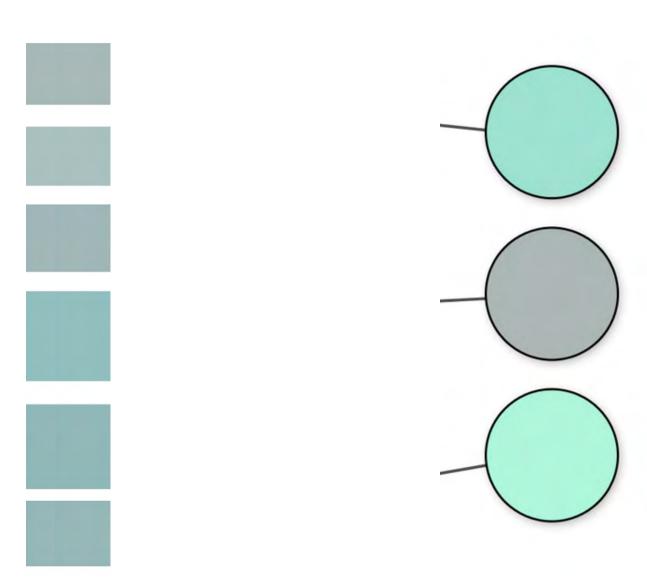
YOU

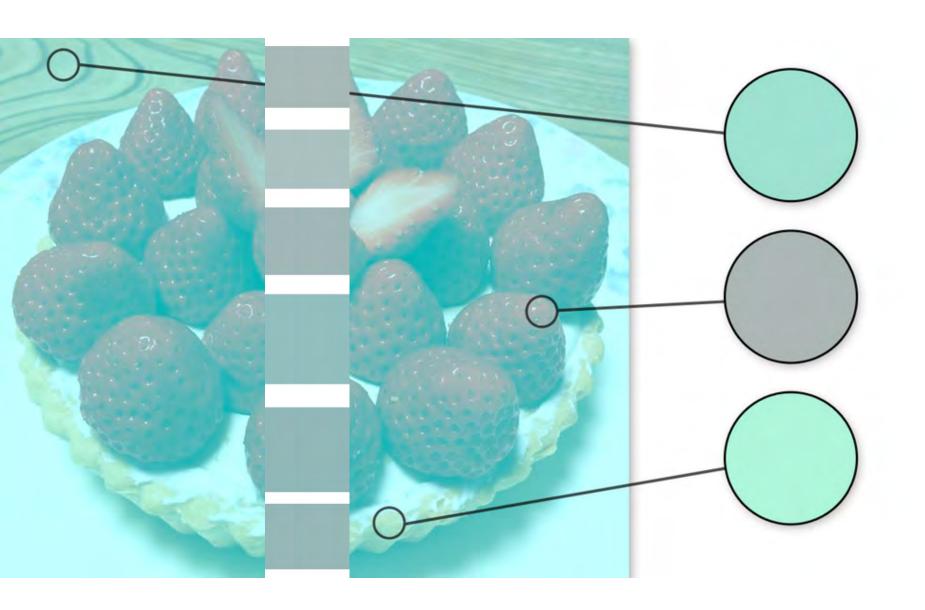


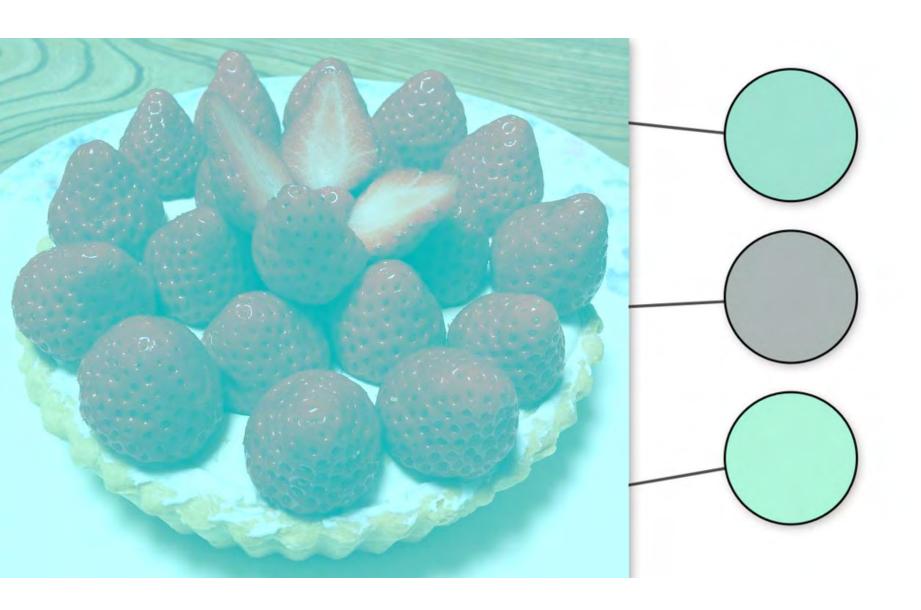


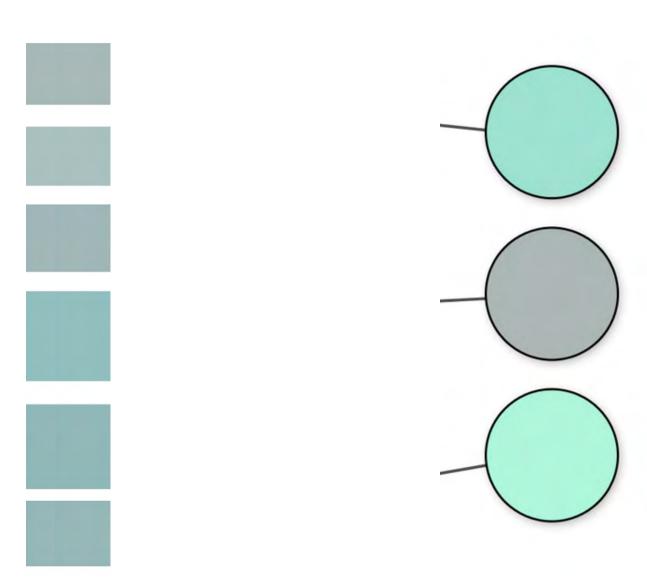


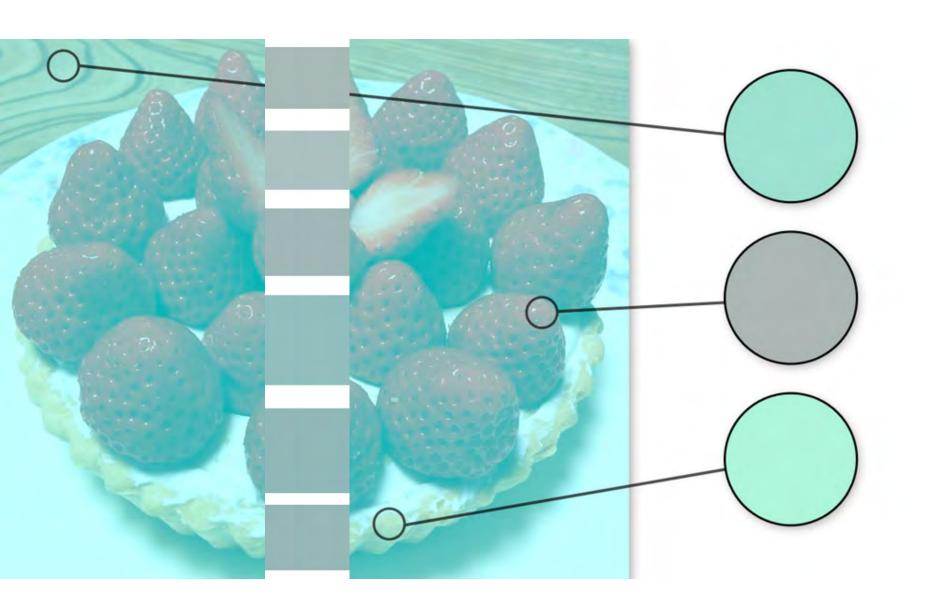


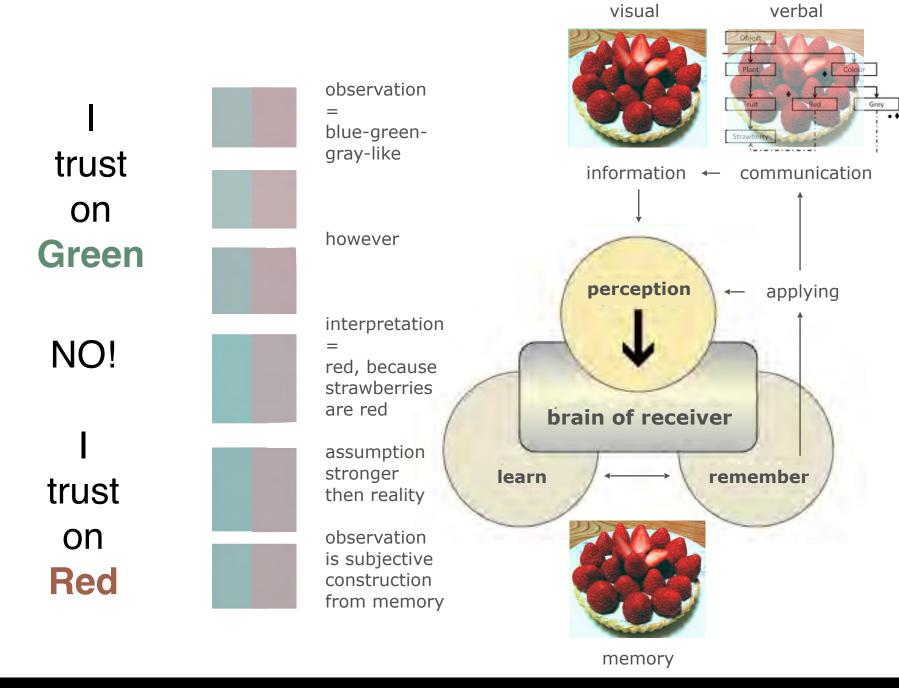






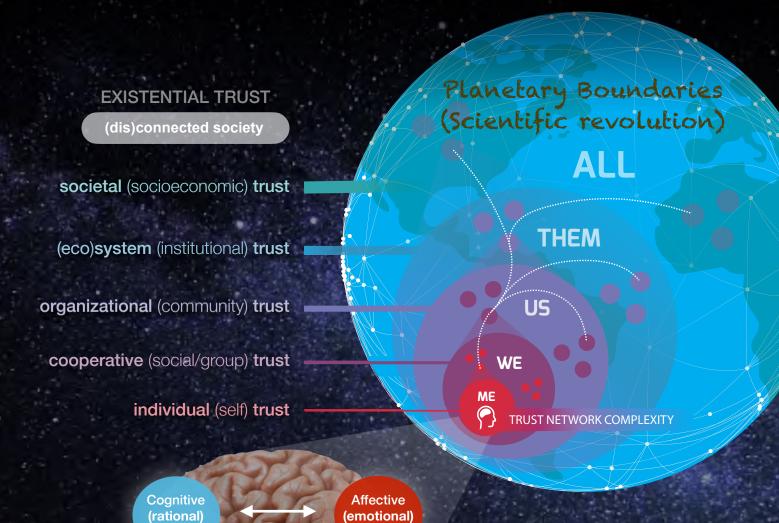






#### INGROUPS LEAD TO POLARISATION





Trust

Conative

(behavioral) Trust ± 500 AC - Present

Accumulation of knowledge

stimulated innovation

**Trust** 

GLOBAL

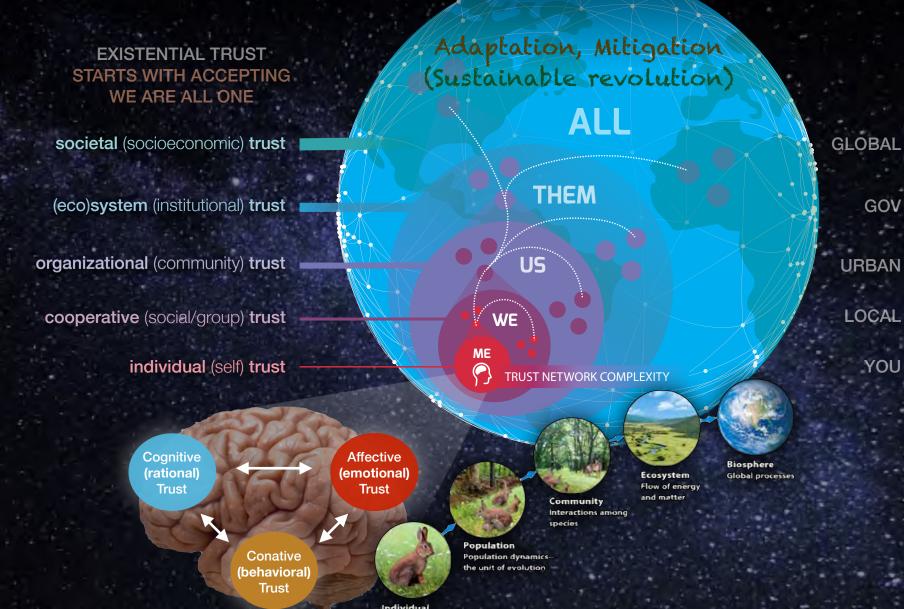
GOV

**URBAN** 

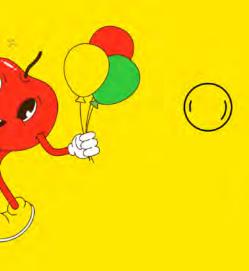
LOCAL

YOU

## TRUST IN A SUSTAINABLE FUTURE



Survival and reproduction the unit of natural selection



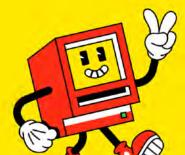




# Hartelijk dank en tot ziens!

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theschooloflife.com/amsterdam