



一般財団法人ワンアジア財団
One Asia Foundation



Vulnerability of human civilization, and Asian Community

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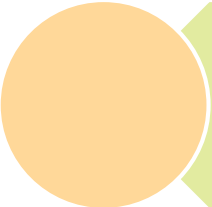
CONTENTS



Vulnerability of human community



Who are we ?



Evolution of cooperation



Innovative mindset

Evolution of Human civilization

by Yuval Noah Harari

@ Stone age

Marginal
creatures

@ Cognitive
revolution

Emergence of
fictive language.

Extinction of
Sapiens brothers:
Neanderthals/Deni
sova/ Homo
floresiensis

@ Revolution:
Agricultural
Industrial
IT

Superhuman ?

Homo sapiens is
replaced by
superhumans?

Vulnerable ground of civilization

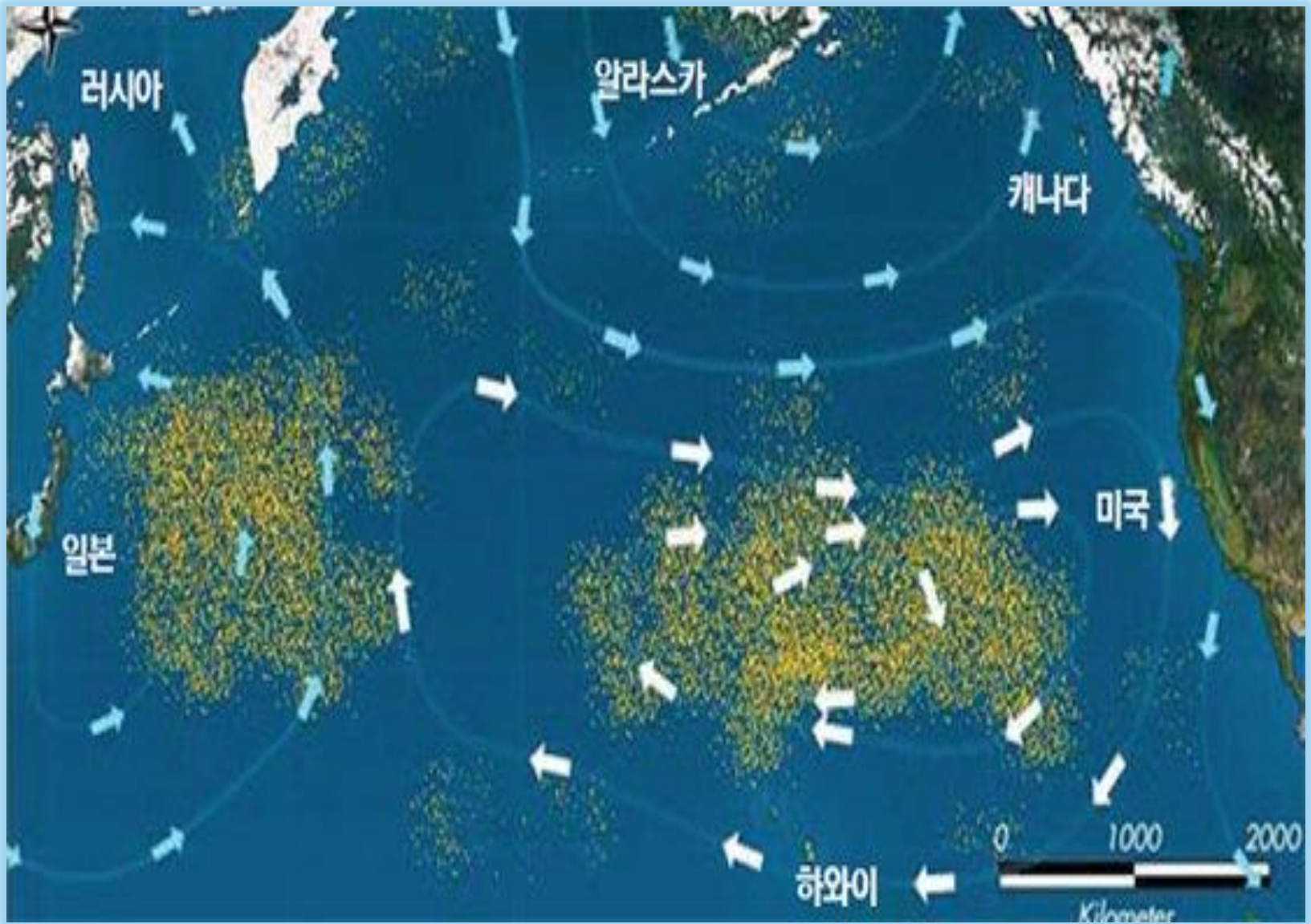


Conflicts in Asia



**Disputed Islands
in the East Asian
Seas**





The Scripps Research Institute, TSRI, 2018

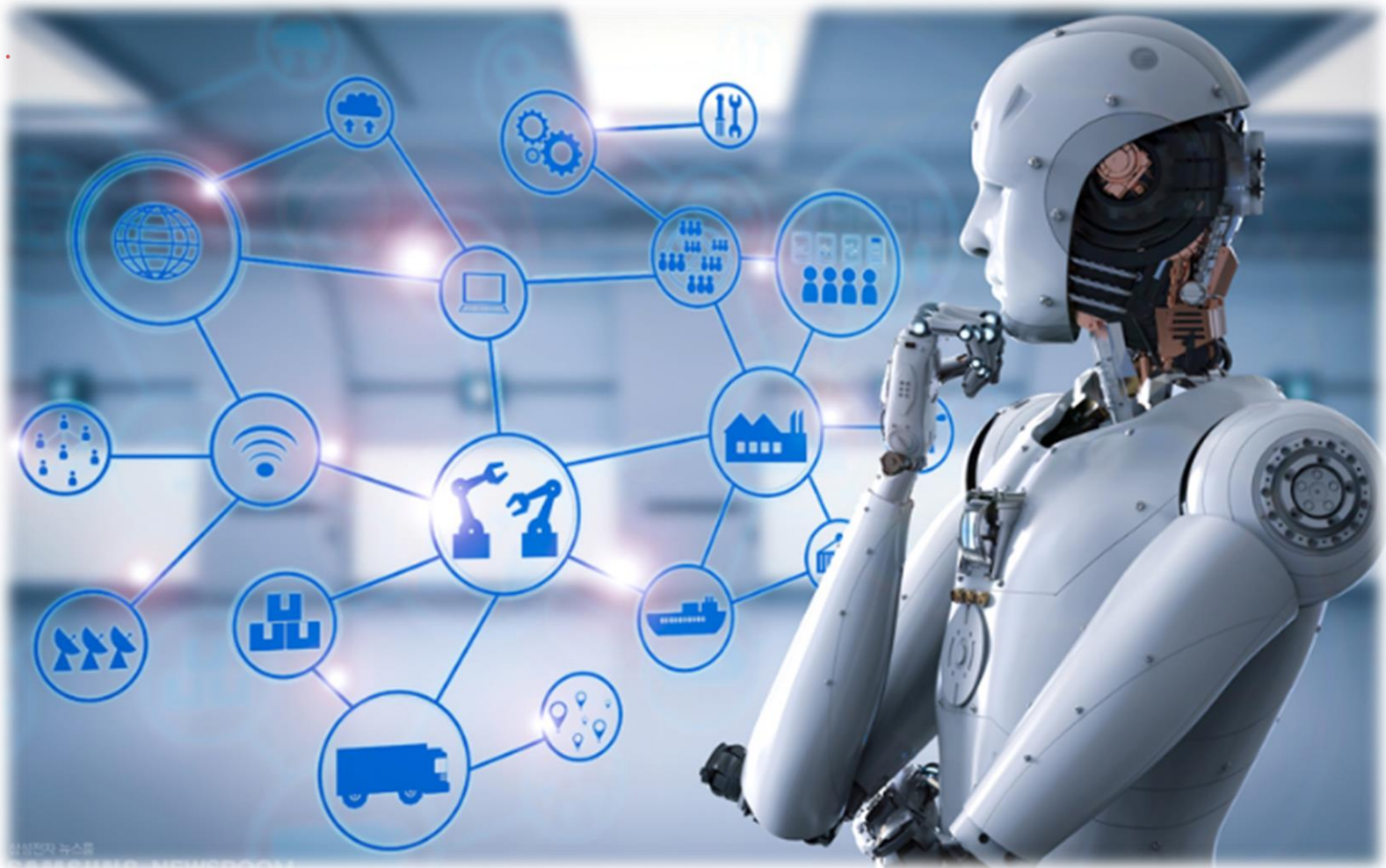


KBS News 09, Nov. 2018

Post-human Era

Could human control strong AI completely?

Mankind could be destroyed by AI?



Humans will disappear ?



Human history 250000 years



Human extinction by 2400

(Socio-biologist Edward Wilson)



Disappearing 75% of animal species within two generations

(Science Advances, 2015)



Leaving for other planet within 30 years (S. Hawking. BBC, 2017).

**Natural
disaster**

**Natural
disaster
+
Anthropogenic
disaster**

- Vulnerable ground of material prosperity
- Self-destructive contradiction



Hey ,
why are you
running?

Cuz
everybody is
running.



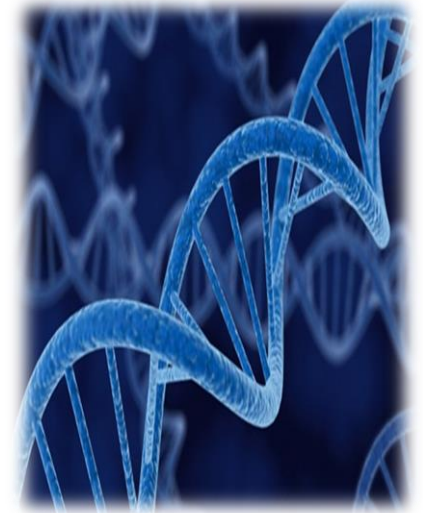
Who are we:

Selfish gene

**A biography of DNA.
Biologically programmed being**

Survival and reproduction

Stone age body and emotion



Who are we ?

Super power with stone age body

- **Contradiction of Stone age body and modern lifestyle**

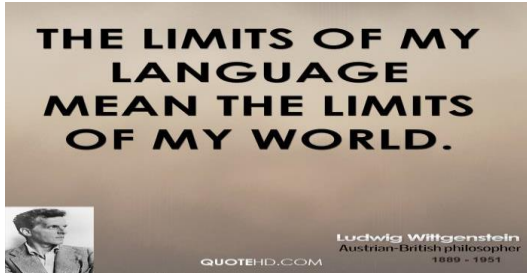
99% of the time in the Paleolithic environment.

Survival and breeding centered body and emotion (Kwon Y., 2012)

- Power: money, health, beauty, honor, technology.....
- Illusion: More powerful = happier



Who are we ?



Limits of language expression

(L. Wittgenstein)



There is no truth. There is only perception (Gustave Flaubert).



A justifying machine

(Neurobiologist Roger W. Sperry)



Desire is a mirage

Who are we ?

Illusion from brain's interpretation

Illusion of the brain (optical and cognitive)

Data from sensory organs + Brain interpretation

Unconscious reasoning

Brain: a machine that justifies self-selection (Neurobiologist Roger W. Sperry)

No logical causality of choice / dominance of experience model

Limitation of brain memory

Who are we ?

Thinking, fast and slow (Daniel Kahneman)

System 1

Fast

Effortless

Unconscious

Associative

Speed response in a crisis

Jumps to conclusion

System 2

Slow

Effortful

Conscious

Logical

Deliberate

Reflection, consideration

Can handle abstract concept

Requires time

Who are we ?

Irrational decision making: fast thinking

Tendency of automatic thinking by intuition

Habit of quick thinking

Without patience and willing effort

Conscious system requires a lot of energy

Exaggeration and overconfidence

with a few small examples

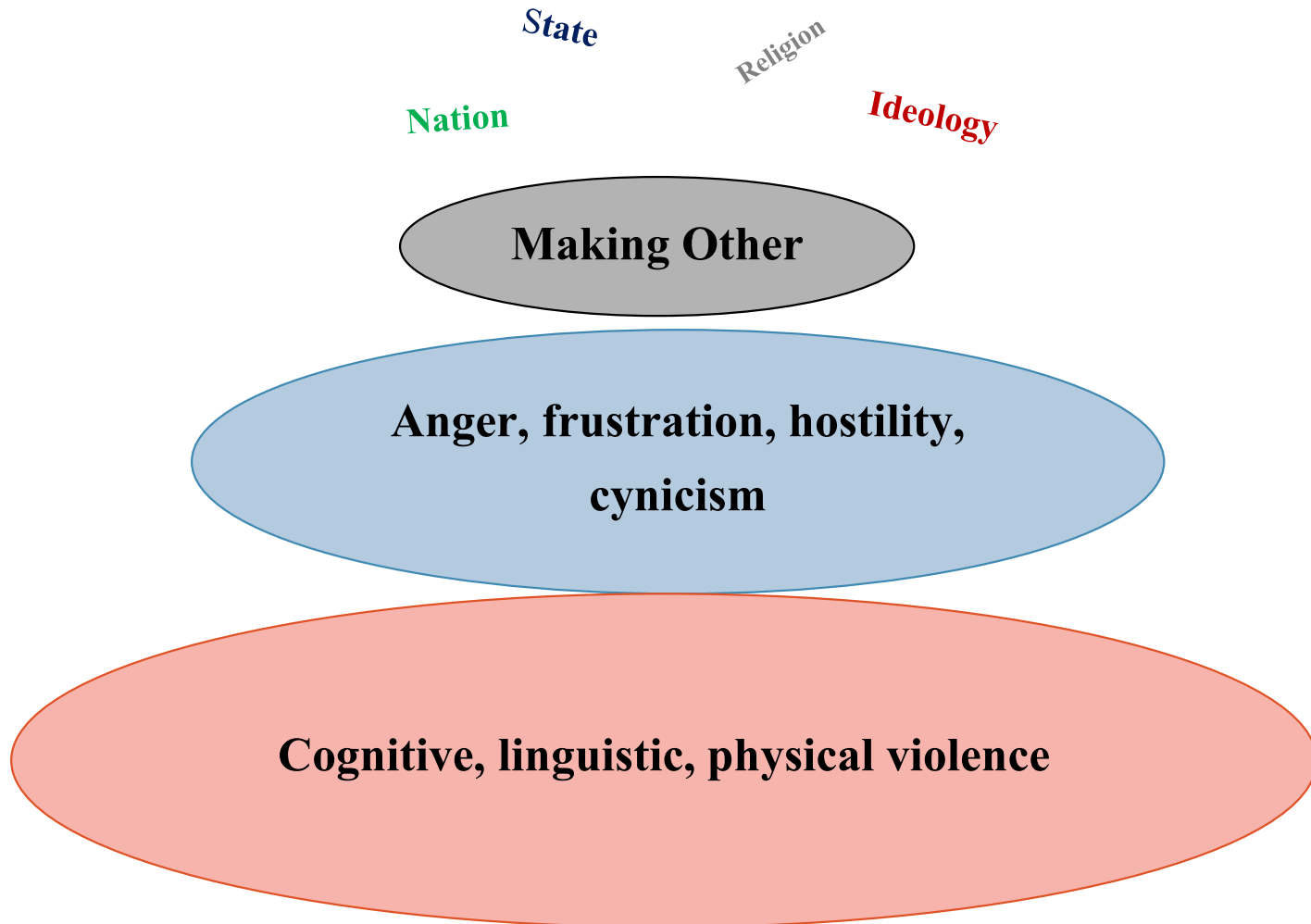
Misjudgments, illusions, stereotypes, prejudices

Who are we ? Erosion of empathy



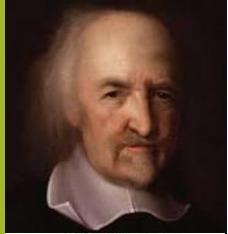
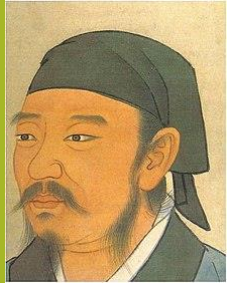
Who are we ?

Making others: Illusion of racism (skin color)



Who are we ?

Theories of Human nature



Adam Smith

Evil

- Xunzi
- Thomas Hobbes
- Adam Smith

Good

- Mencius
- Jean Jacques Rousseau
- David Hume



Dominant Myth of Selfishness

Partial truth

History: assumption about universal selfishness

Simplicity: to seek simple and neat explanations for a complex world

Habit: educated and socialized to universal selfishness

Who are we ?

Science of cooperation (Lee Ross)

Group1: Community game

- 70% cooperative
- 30% not cooperative

Group2:

Wall street game

- 70% not cooperative
- 30% started cooperatively, then not cooperatively

Result:

We are not all the same

Many of them are influenced by context

Design of social structure

Super cooperator

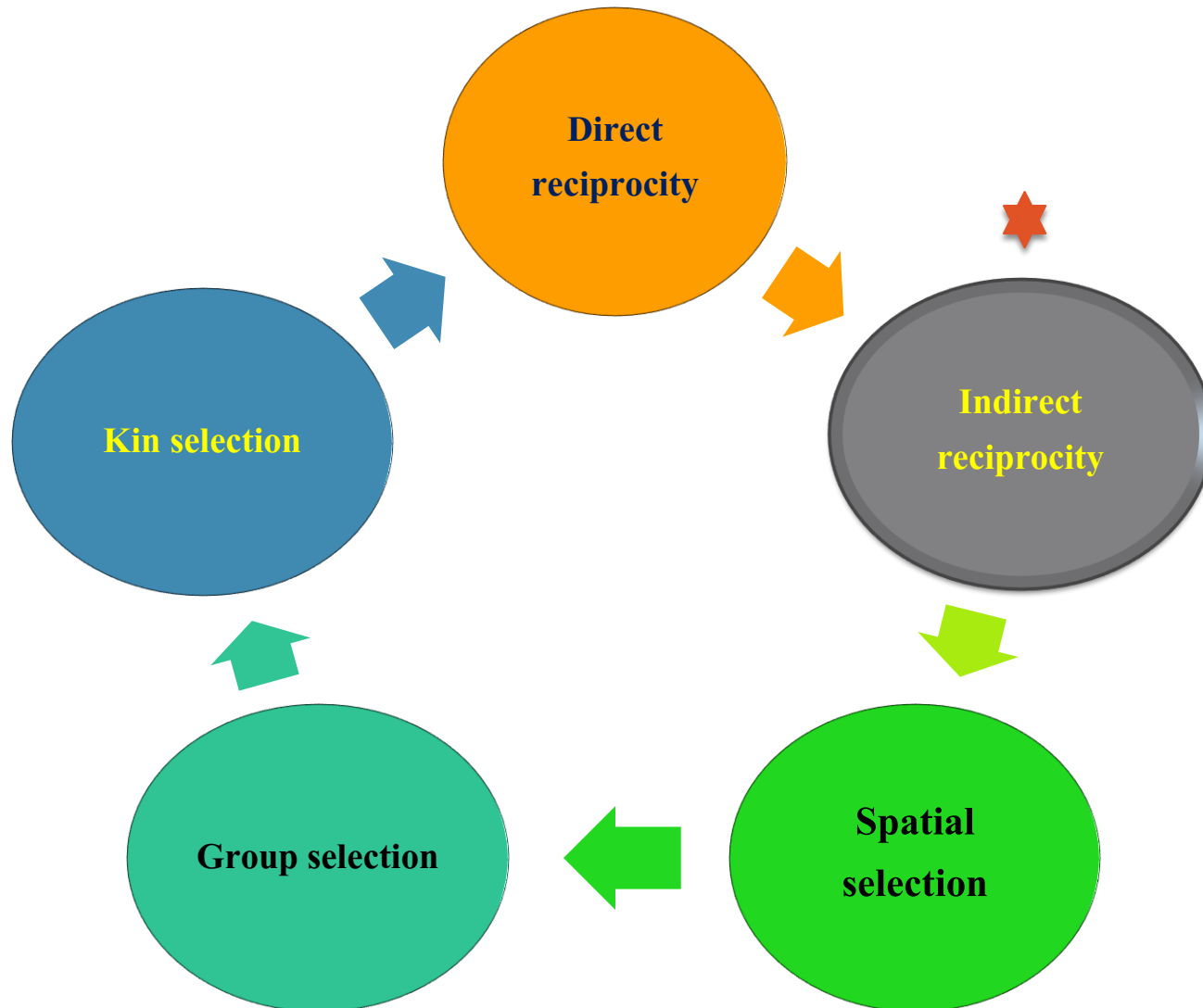
Altruistic group wins
(Edward O. Wilson)

**Contribution to next gene's
reproduction**
(W.D. Hamilton)

Super cooperator
(Martin Nowak)

Five mechanisms for the evolution of cooperation

(Mathematical biologist Martin Nowak)



To activate human cooperation

Powerful effect of social pressure (Alex Laskey)



Worldview of the big picture

Oneness / Connectedness



Oneness / Connectedness

Story of H₂O

Story of Air, communication

Story of Breath, O₂

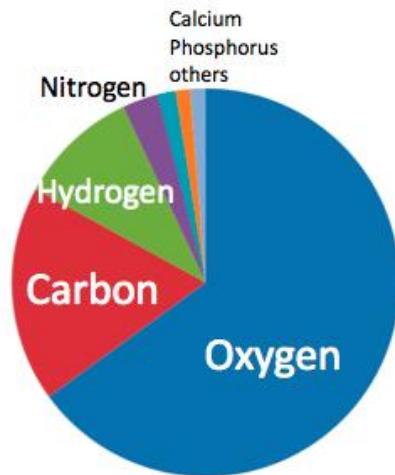
Story of Fe

From the perspective of the big picture

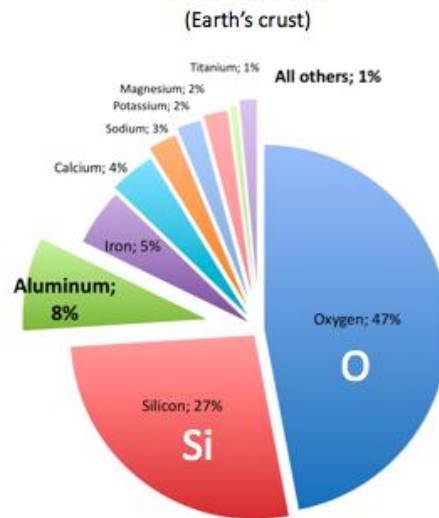
Oneness / Connectedness



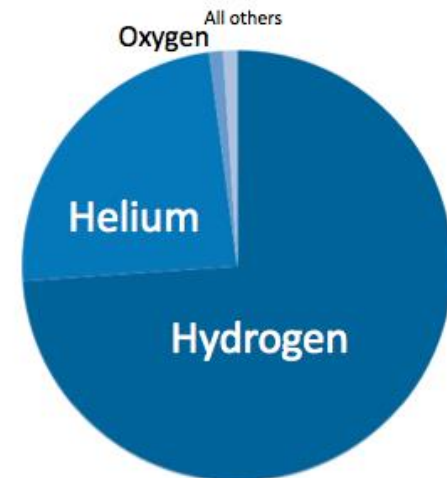
In Life



On Earth

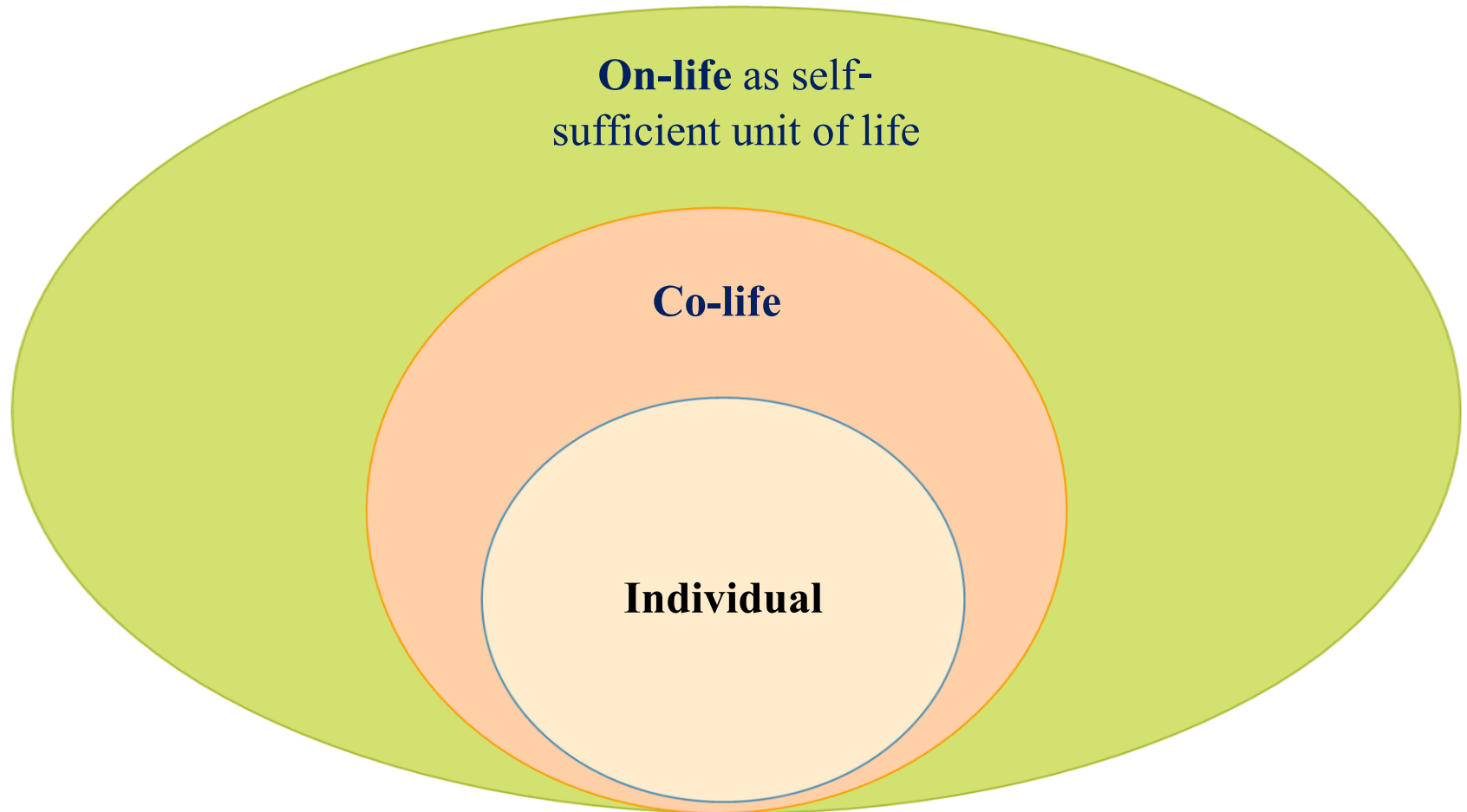


In the Universe



Perspective of the big picture

Structure of On-life (Zhang Hwe Ik)





Thich Nhat Hanh “Interbeings”

Thich Nhat Hanh, In the Heart Understanding – Thay’s commentary on the Heart of the Prajanaparamita Sutra

If you are a poet, you will see clearly that there is a cloud floating in this sheet of paper.

Without a cloud, there will be no rain without rain, the trees cannot grow and without trees, we cannot make paper.

The cloud is essential for the paper to exist. If the cloud is not here, the sheet of paper cannot be here either.

So we can say that the cloud and the paper inter-are.

To innovate mindset



Mindfulness

- noticing new things

Be at the present

Health, happiness, productivity, creativity

Responsibility of Modern Sapiens

- Agent of Changing the World to be ‘a harmonious community’

