

Club of Rome EU Chapter - Towards a Sustainable Financial Ecosystem

Natural Intelligence






CAN WE LEARN FROM NATURE HOW TO DEVELOP MORE SUSTAINABLE AND RESILIENT FINANCIAL SYSTEMS?



Leen Gorissen, Studio Transito

BIG HISTORY PERSPECTIVE



JANUARY	FEBRUARY	MARCH	APRIL
	25 Life appears		
MAY	JUNE	JULY	AUGUST
			16 Multicellular Life appears
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
		15 Fungi 	13 Mammals 
		20 Fish 	 31 Humans ←
		22 Plants 	

OUR BIGGEST CHALLENGE IS




TO AVOID JOINING THE 99.9% OF SPECIES
THAT ONCE INHABITED OUR PLANET
BUT ARE NOW **EXTINCT**.

“

Consider living on the Earth as if we intend to stay here.

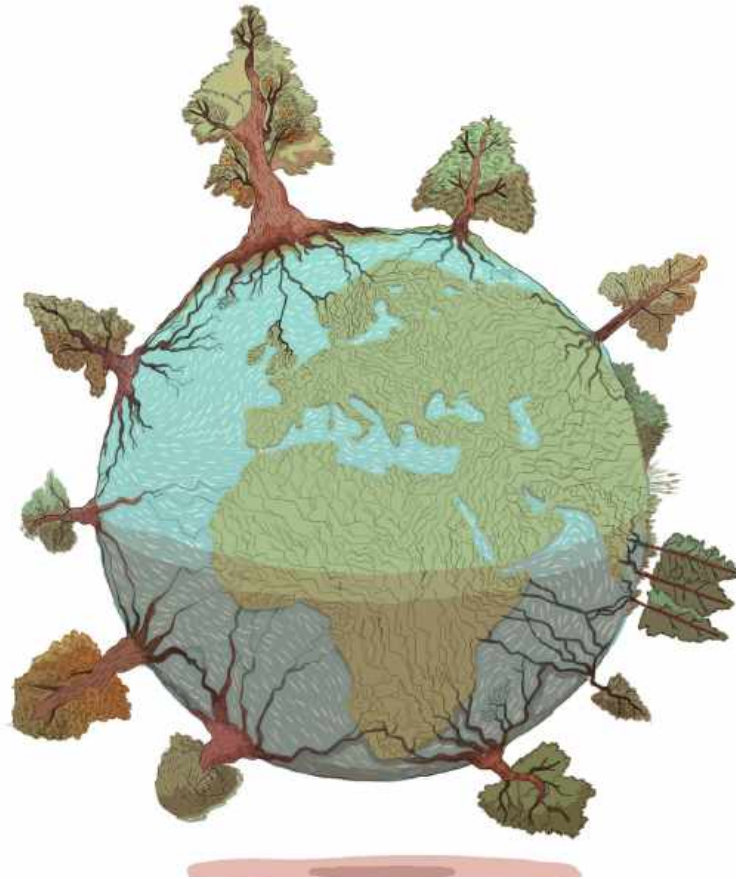


Jonathon Porrit, writer and co-founder of the Forum for the Future

A large, ancient tree with a thick, gnarled trunk and dense green foliage. A person is sitting on the ground at the base of the tree, providing a sense of scale. The scene is set in a natural, outdoor environment with other trees and a path visible in the background.

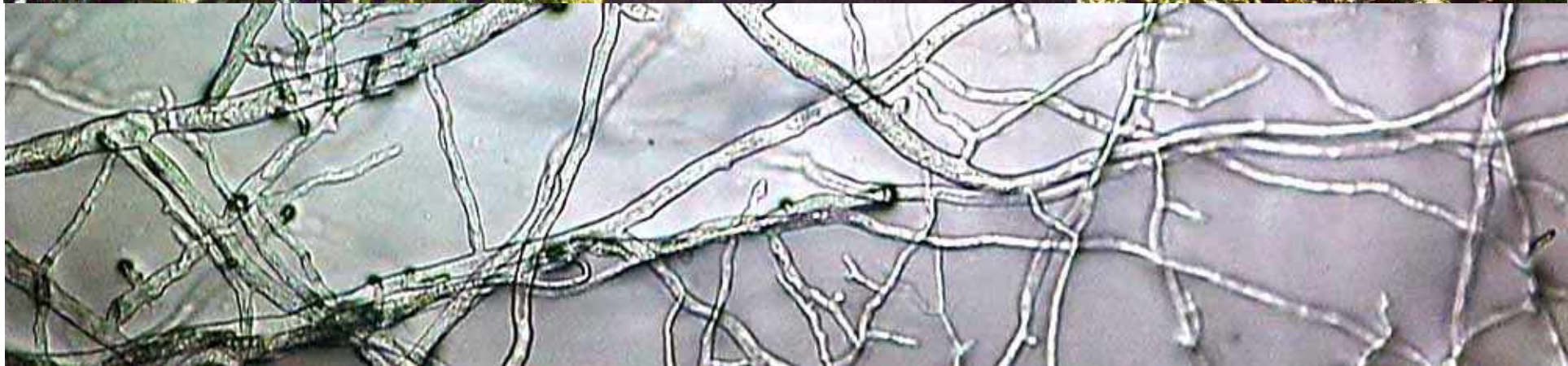
LEARNING TO
BECOME SELF-RENEWING
RIGHT WHERE WE ARE

THERE IS NO BETTER MENTOR THAN NATURE
WITH HER 3.8 BILLION YEARS OF EXPERIENCE



THE WOOD WIDE WEB

EXCHANGES INFORMATION, ENERGY & HEALTH CARE SERVICES



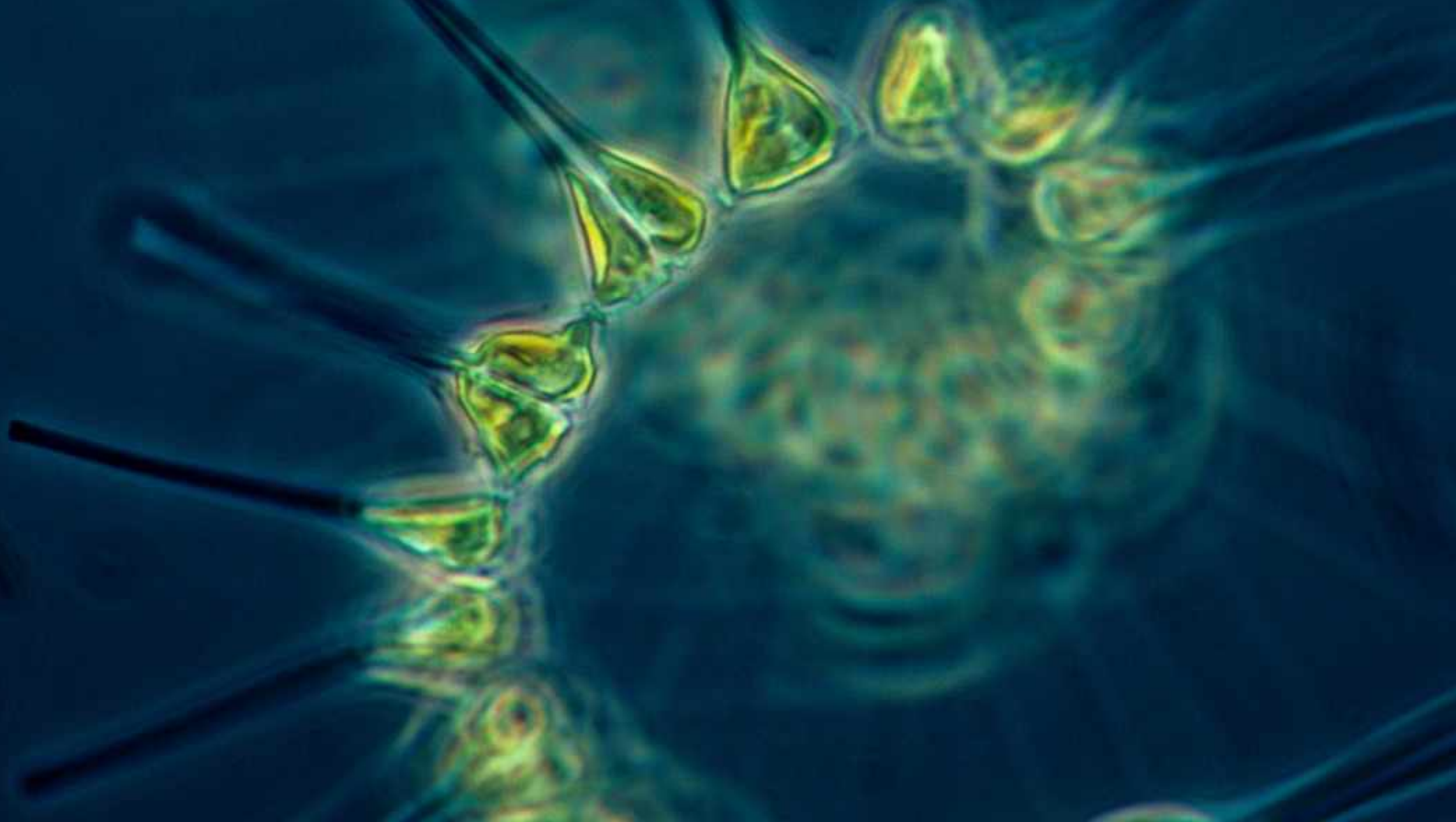


WHILE FEEDING AN ENTIRE ECOSYSTEM OF CREATURES IN THE PROCESS

WHALES MANAGE VERTICAL FLUXES OF NUTRIENTS IN THE OCEANS AND FACILITATE CARBON DRAWDOWN



PLANKTON MAKE CLOUDS AND ENHANCE ALBEDO



FUNGI MINE ROCKS
AND MAKE RAIN



ARCTIC FOXES GREEN THE TUNDRA



CRUSTACEANS TURN CARBON AND SEAWATER INTO STONE



BISON INCREASE THE RESILIENCE & PRODUCTIVITY OF LANDSCAPES



OTTERS MANAGE KELP FORESTS WHICH DRAW DOWN
AS MUCH CARBON AS RAINFORESTS



TERMITES PREVENT DESERTIFICATION AND MAKE THE LAND MORE RESILIENT TO CLIMATE CHANGE





The logic that stood the test of time

INTERDEPENDENCY RULES

NOTHING OCCURS IN ISOLATION



THE BREATH OF PLANTS GIVES **LIFE** TO ANIMALS
THE BREATH OF ANIMALS GIVES **LIFE** TO PLANTS



LEAVE IT BETTER THAN YOU FOUND IT

IS THE ONLY GUARANTEE FOR LONG TERM EVOLUTIONARY SUCCESS





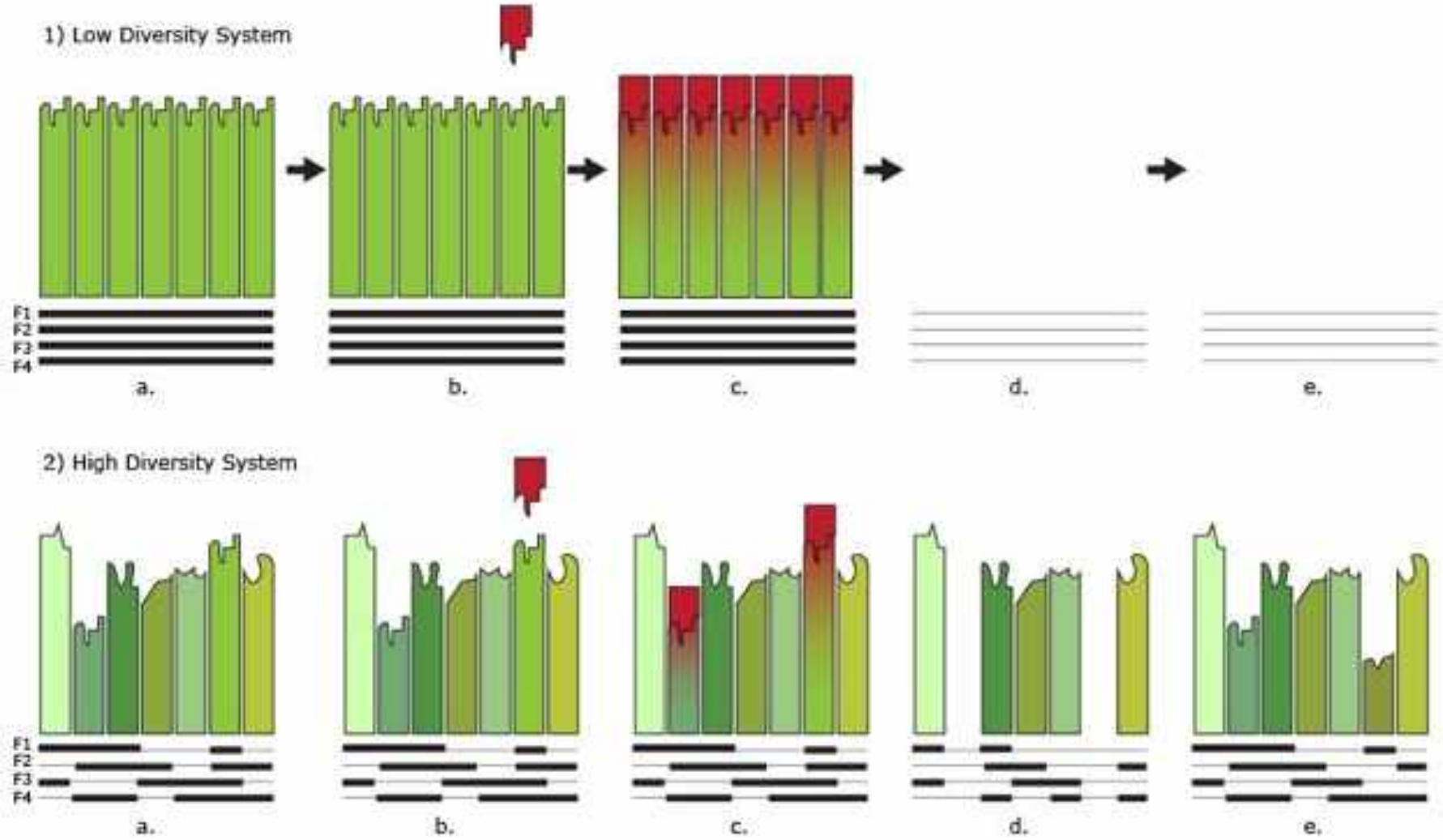
UPGRADE THE ENVIRONMENT AND INVEST IN
THE HEALTH OF OTHERS TO ENSURE YOUR OWN

OPTIMIZE RATHER THAN MAXIMIZE

NATURE BANKS ON DIVERSITY, REDUNDANCY AND DECENTRALISATION



DIVERSITY + REDUNDANCY + DECENTRALISATION = RESILIENCE.



A story about
wolves and
rivers





















WOLVES IMPACTED NOT ONLY THE ECOSYSTEM, THEY
CHANGED THE GEOGRAPHY OF THE LANDSCAPE TOO



REGENERATION IS NATURE'S BLUEPRINT FOR INNOVATION

A process of renewal that leads to a higher order
of health, wealth, vitality and viability





ONCE YOU UNDERSTAND HOW LIFE WORKS



YOU WILL SEE SUSTAINABILITY IS
THE BYPRODUCT OF REGENERATIVE VALUE CREATION

AND THAT THE PRINCIPLES THAT
GOVERN HOW LIFE WORKS
ARE VERY SIMPLE



NI

Interdependency rules

Optimize rather than maximize

Leave it better than you found it

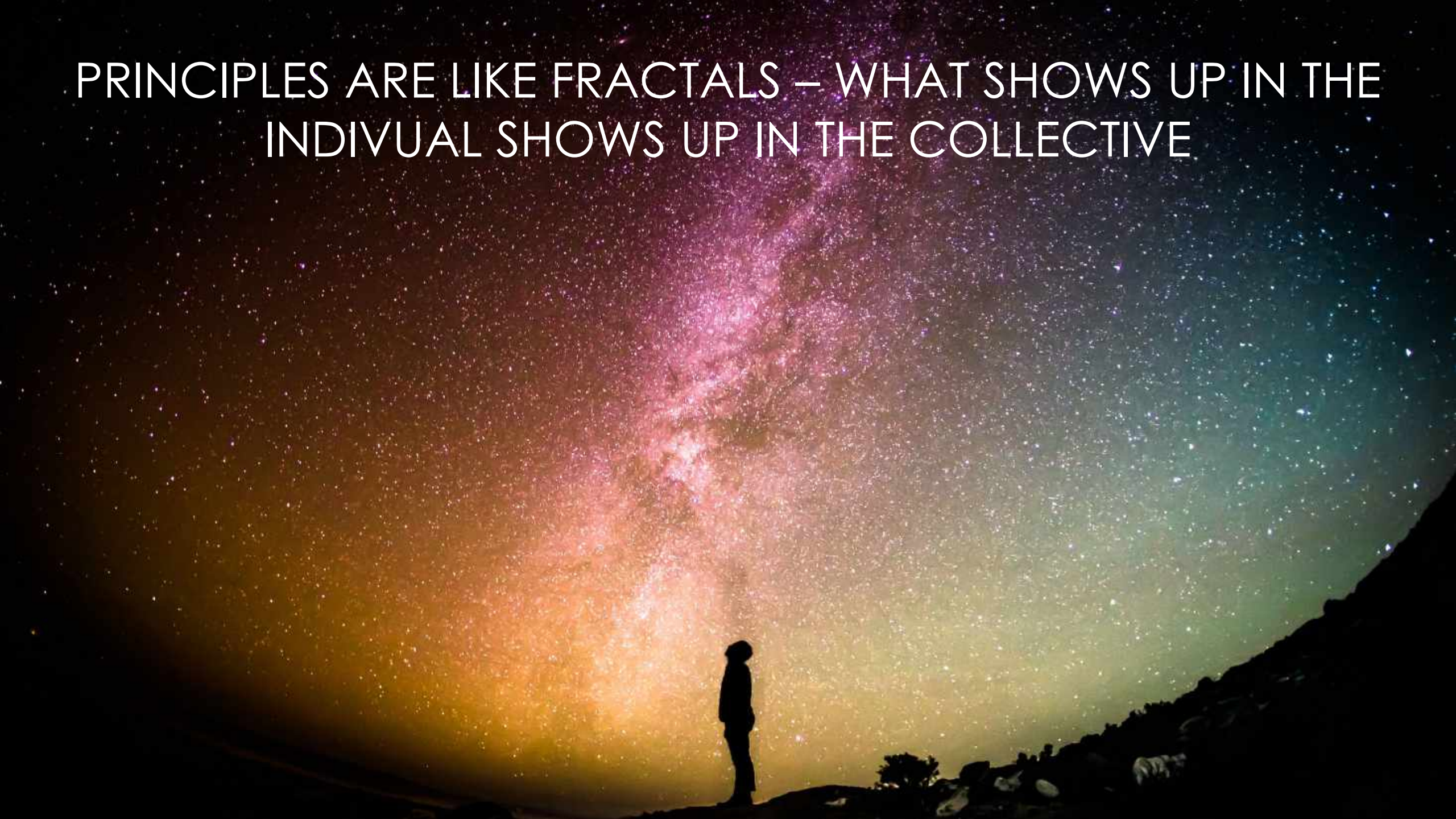
Regeneration is nature's blueprint for innovation



IT IS ONLY AN INVESTMENT IF
IT LEAVES THE WORLD BETTER OFF



PRINCIPLES ARE LIKE FRACTALS – WHAT SHOWS UP IN THE
INDIVIDUAL SHOWS UP IN THE COLLECTIVE



A person stands in the center of a vast, snow-covered mountain canyon at night. The canyon walls are steep and rugged, with patches of snow and some green vegetation. The sky is dark and filled with stars. The person is illuminated by a bright light source, possibly a flashlight, which casts a long shadow on the snow. The overall scene is dramatic and atmospheric.

THE SOLUTIONS ARE
ALL AROUND US

Thank you!

New book on NI coming soon!

www.naturalintelligence.info

www.studiotransitio.com

studiotransitio@gmail.com

twitter: @L_gori

