

BIOMIMICRY HOW WILL NATURE SAVE US ?

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Fondateur Biomim'expo & Biomim'invest



14th edition
2025, April 1st to 3rd – Evian



BIOMIMICRY

Lets' combine
Curiosity & Humility

Be ready to
Listen & Learn

Is Nature ...
a problem or a solution ?
food and materials
or performance & resilience ?



THIS IS NOT A BUTTERFLY

IT'S A MULTI-FUNCTIONAL
SURFACE ENGINEERING



IT'S A MULTIFUNCTIONAL
SURFACE ENGINEERING

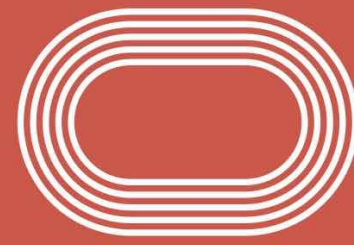
HYPERHYDROPHOBIC
ANTIBACTERIAL
STRUCTURAL COLORING
THERMAL SELF-REGULATION



THIS IS NOT A FISH

THIS IS THE BEST
TECHNOLOGY TO GO FAST IN
WATER





**NATURE
CHAMPIONNE
& INSPIRANTE**



46.40



3.27

HUMAN RECORD
ONCE

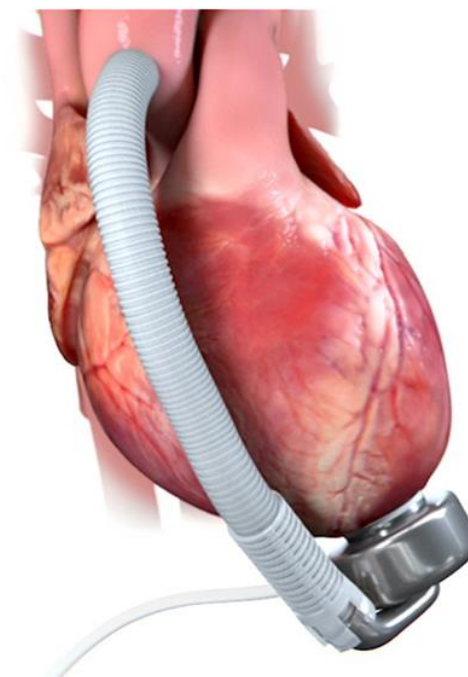
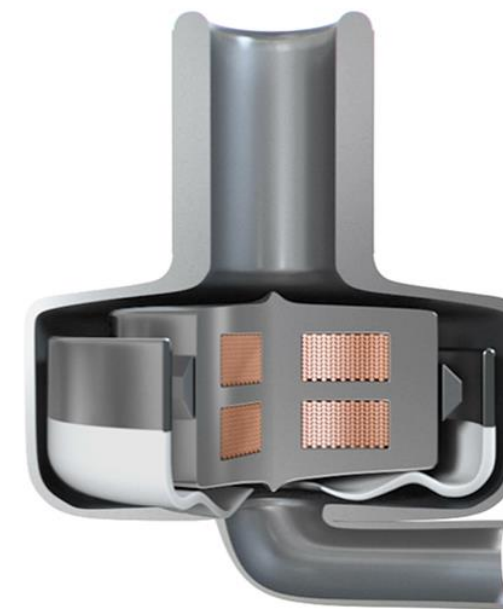
NATURE RECORD
EVERY DAY



NATURE
CHAMPIONNE
& INSPIRANTE



A REVOLUTIONARY BLOOD
PUMP THAT UNDULATES
LIKE FISH



CorWave



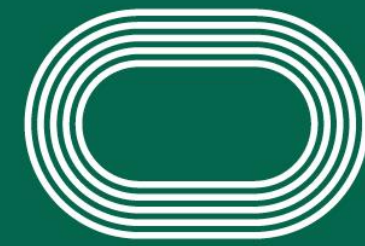
NATURE
CHAMPIONNE
& INSPIRANTE



A BOAT ENGINE THAT
UNDULATES LIKE A
DOLPHIN



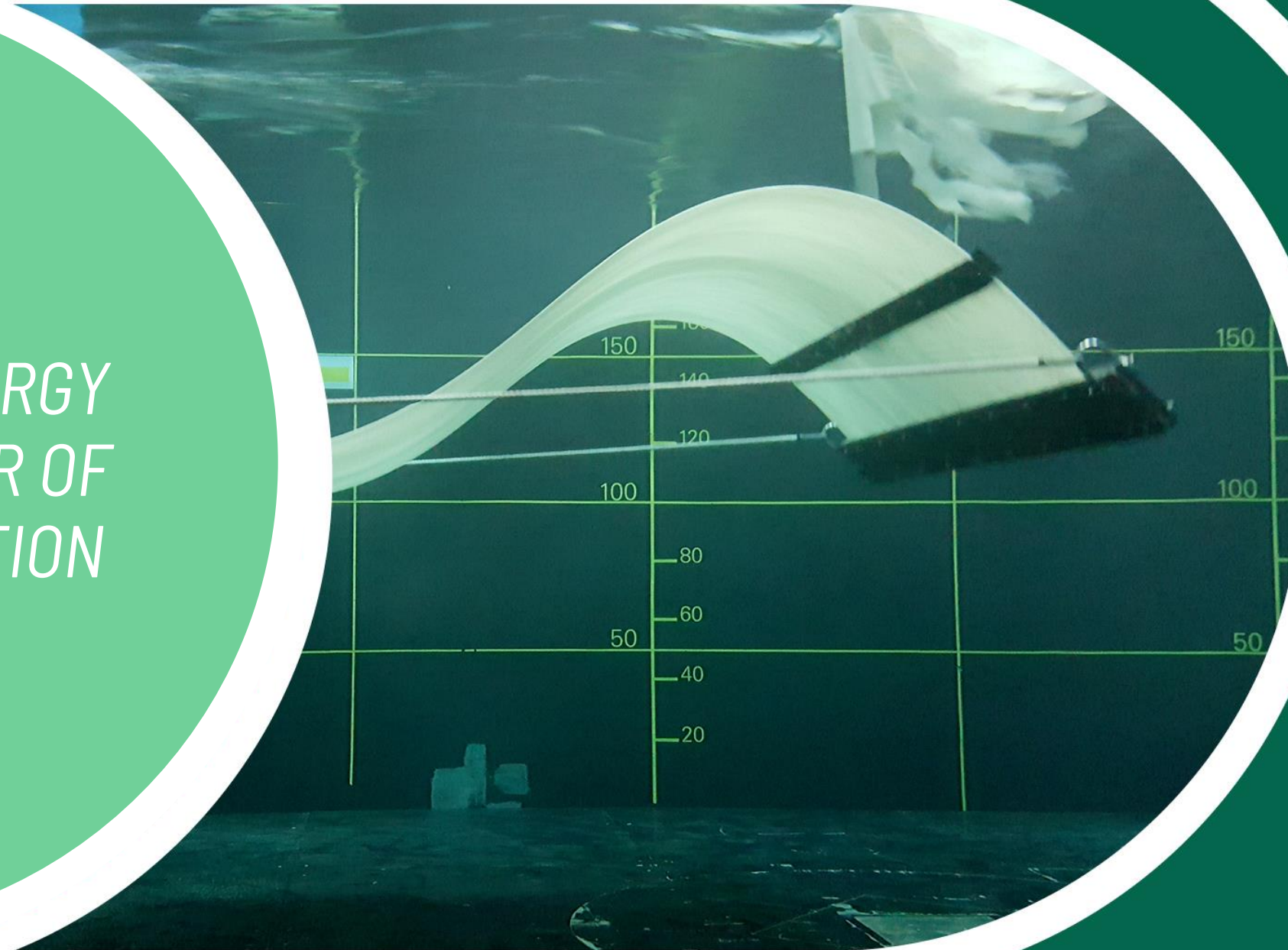
FinX



**NATURE
CHAMPIONNE
& INSPIRANTE**



*GENERATING ENERGY
USING THE POWER OF
MARINE UNDULATION*



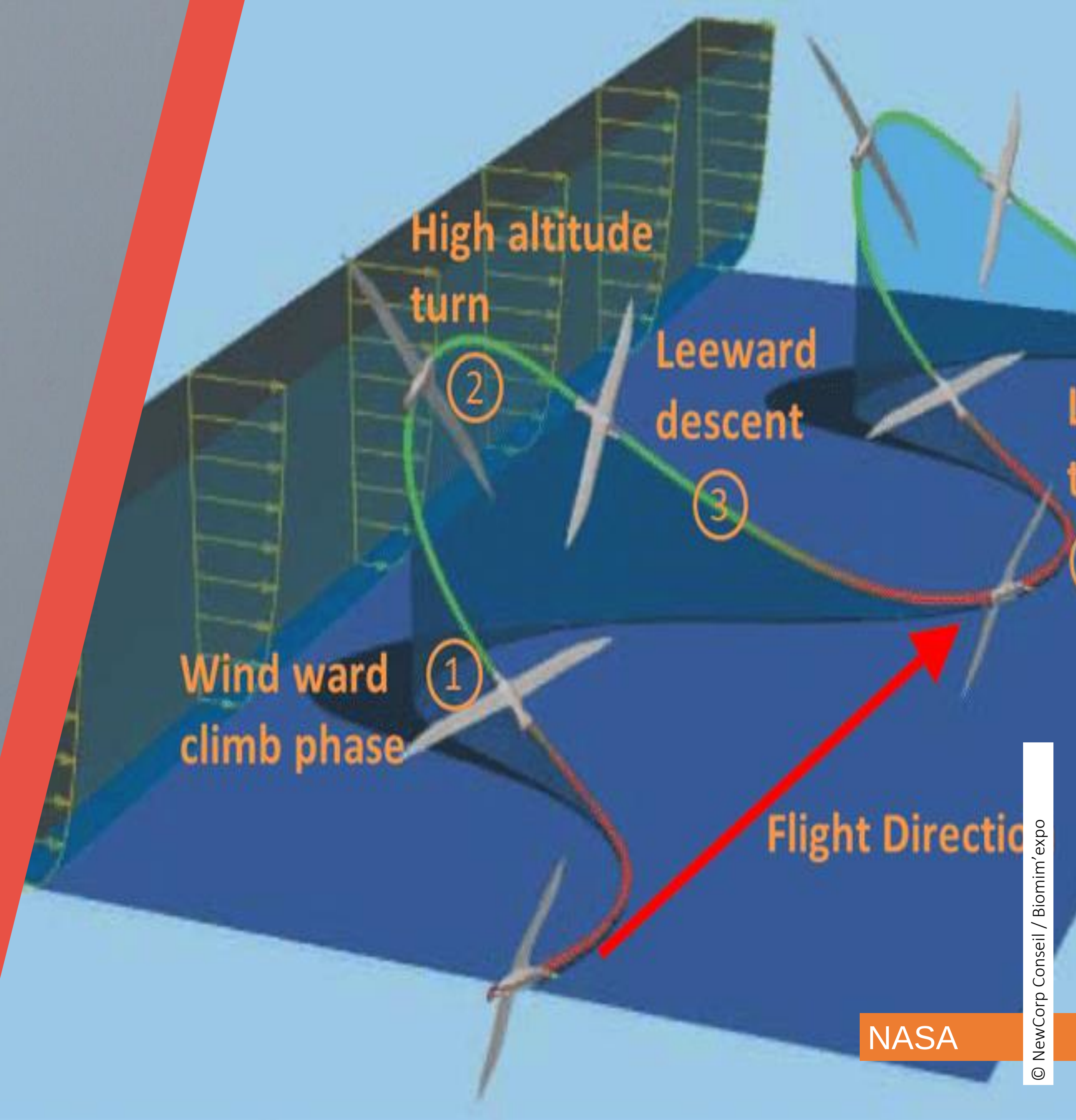
THIS IS NOT A BIRD

THIS IS A PILOT





©NewCorp Conseil



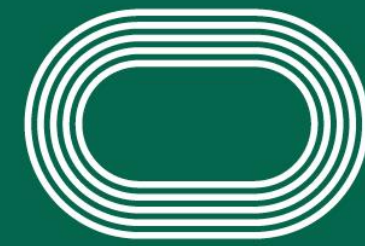
NASA

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THIS IS NOT A BEAR

THIS IS AN EXPERT IN
MUSCLE MASS MANAGEMENT





NATURE
CHAMPIONNE
& INSPIRANTE



TO STAY STRONG
LIKE A BEAR



THIS IS NOT AN EYE

THIS IS AN ENERGY-SAVING
CAMERA

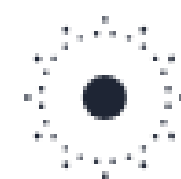
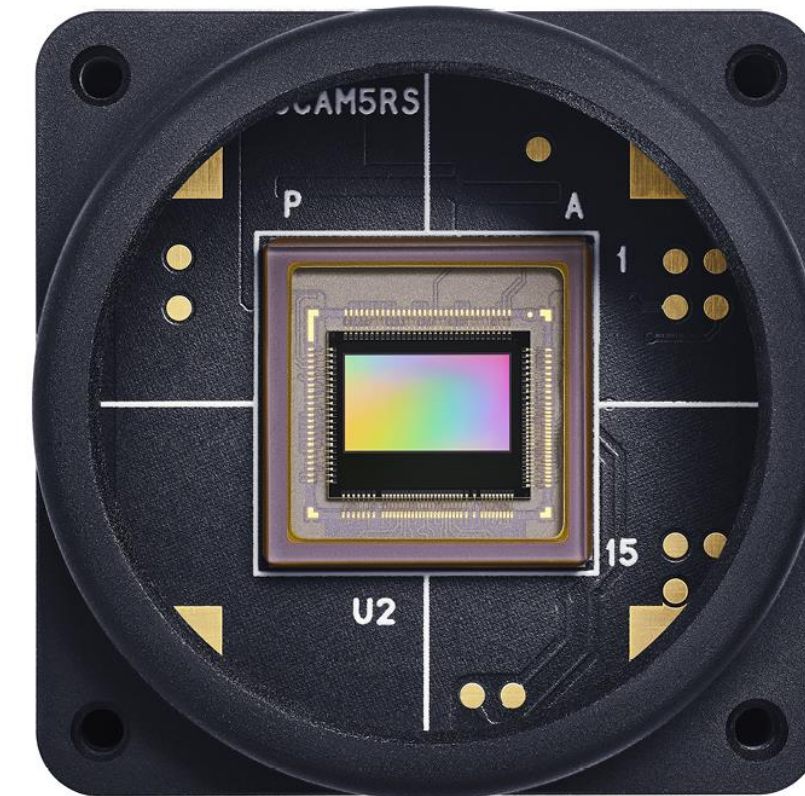




NATURE
CHAMPIONNE
& INSPIRANTE



AN ENERGY-EFFICIENT
CAMERA INSPIRED BY
THE HUMAN RETINA



PROPHESÉE

THIS IS NOT A ANT

THIS IS A GEOLOCATION TOOL





NATURE
CHAMPIONNE
& INSPIRANTE



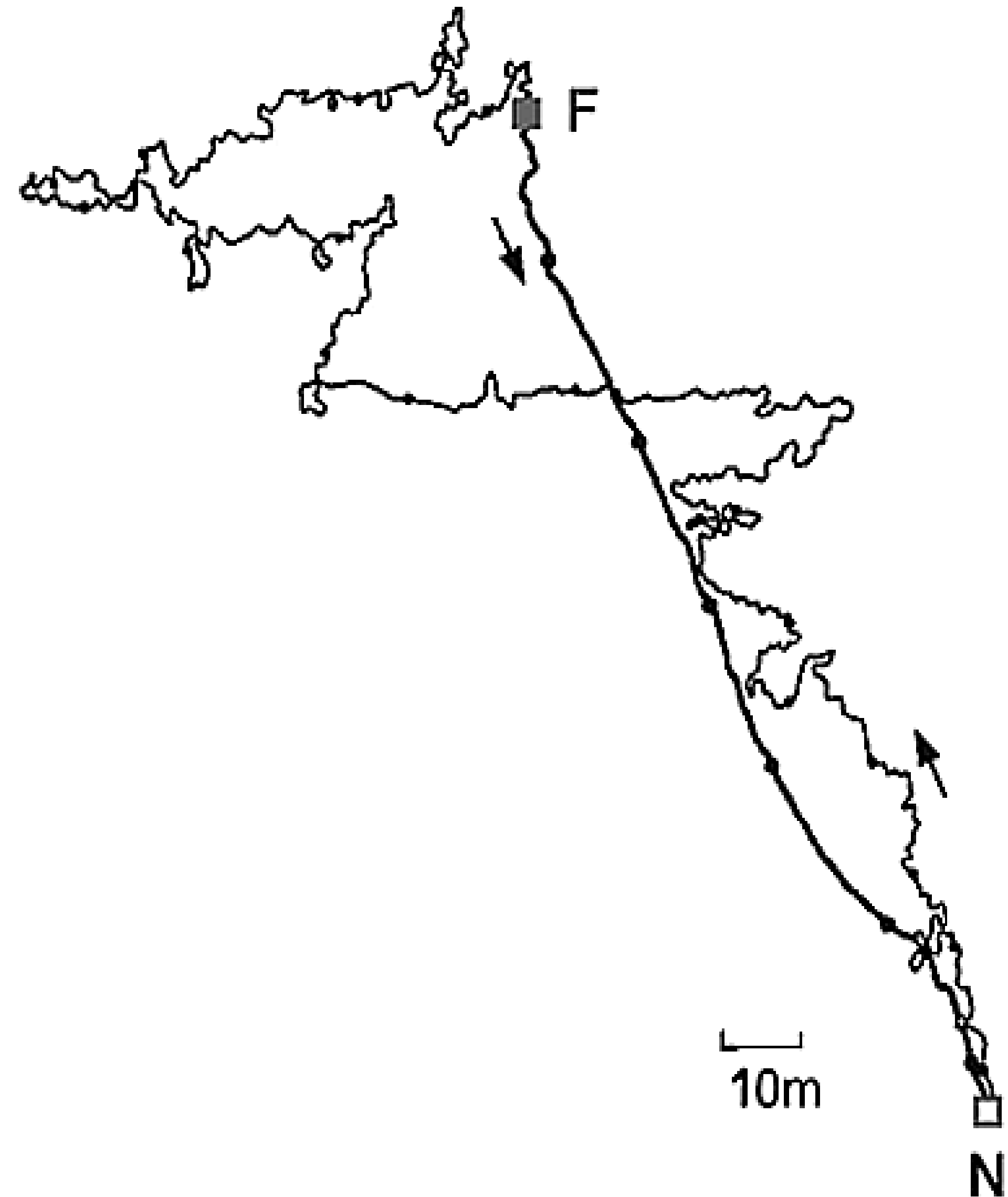
FINDING ONE'S WAY
WITHOUT GPS THANKS TO
DESERT ANTS



INSTITUT ///////////////
DES SCIENCES ETIENNE
DU MOUVEMENT JULES
//////////////////// MAREY

Incredible precision

Cataglyphis



Wehner 2003. J. Comp. Phys



NATURE
CHAMPIONNE
& INSPIRANTE



YOUR GPS HAS BEEN
DEVELOPED BY MIMICKING
THE WAY ANTS
COMMUNICATE



THIS IS NOT DNA

THIS IS A DATA CENTER





NATURE
CHAMPIONNE
& INSPIRANTE



THE DNA INFORMATION
STORAGE REVOLUTION



BIOMEMORY

THIS IS NOT A TREE

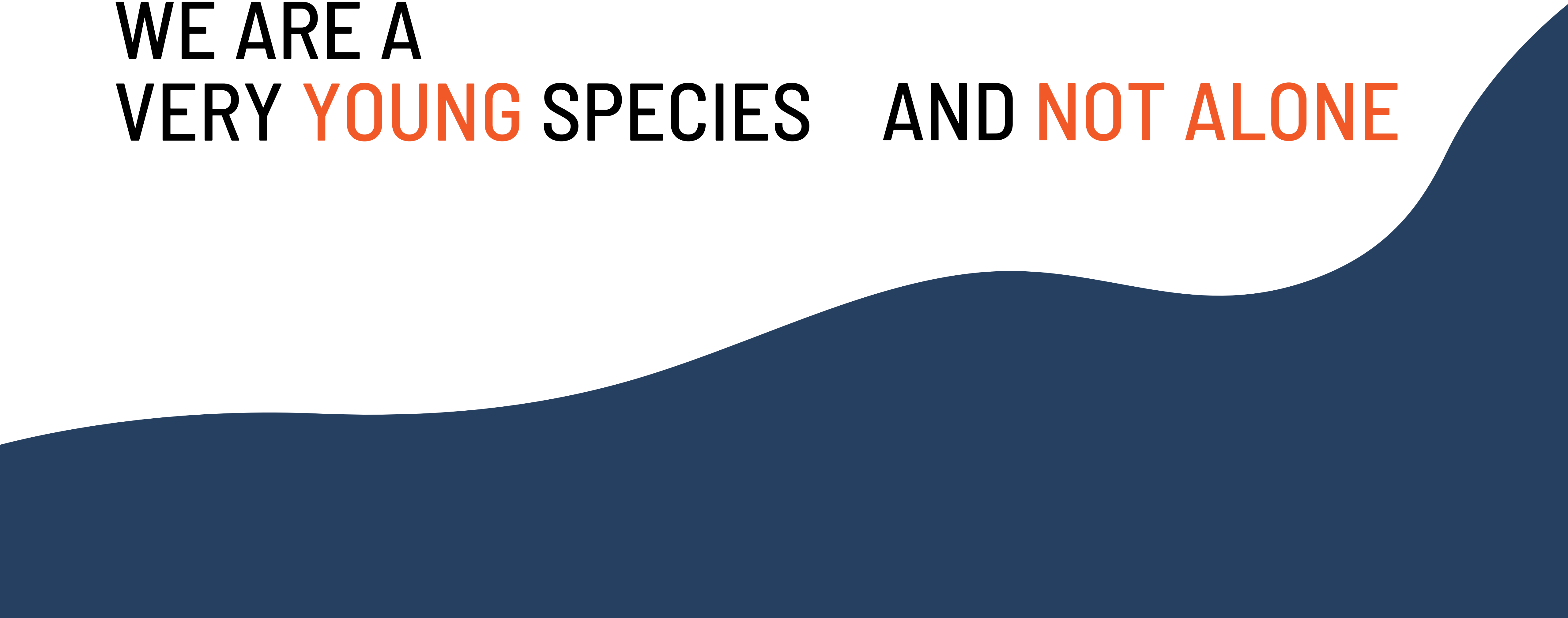
IT'S AN ENERGY
POWERHOUSE

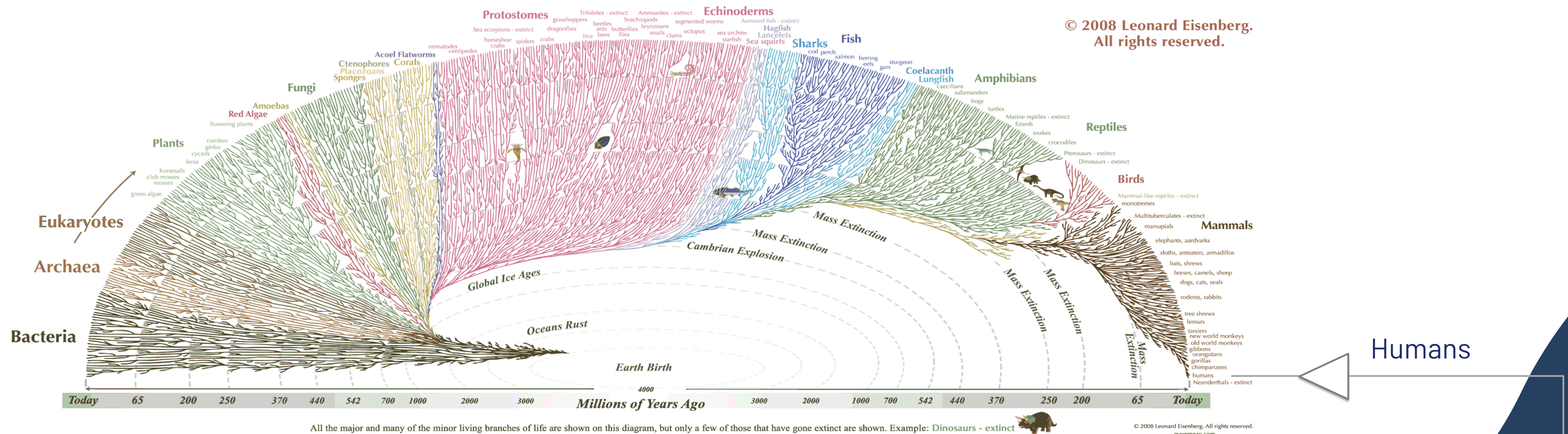
AND 450 MILLION YEARS OF
R&D IN CARBON STORAGE



And don't forget ...

WE ARE A
VERY **YOUNG** SPECIES AND **NOT ALONE**

A dark blue, wavy, abstract shape that starts from the bottom left and curves upwards towards the right, resembling a stylized wave or a rising horizon line. It occupies the bottom third of the slide.



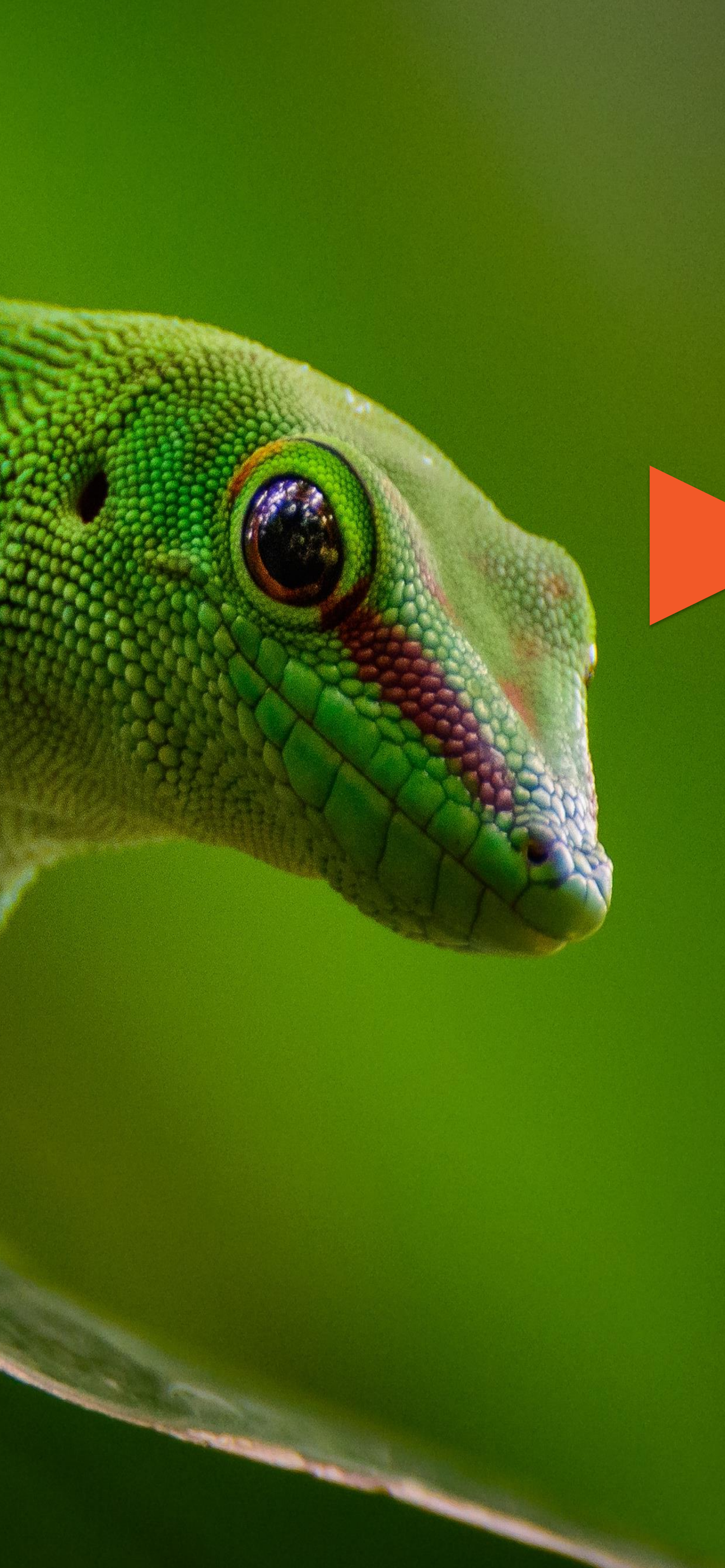
JANUARY 1st

LIFE APPEARS

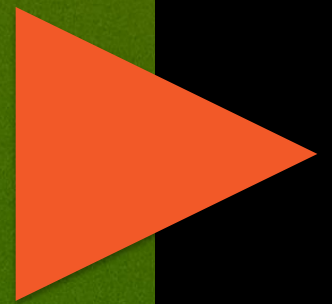
DECEMBER 31st

11h25 PM WE ARRIVE
ON EARTH

35'



3,8 BILLION YEARS
OF R&D



NATURE
HAS THE
SOLUTIONS

THE WORLD
IS LOOKING FOR
(SOLUTIONS)





DRAW **INSPIRATION FROM LIVING
TECHNIQUES AND STRATEGIES**

TO **APPLY THEM TO HUMAN
PRODUCTIONS AND ORGANIZATIONS**

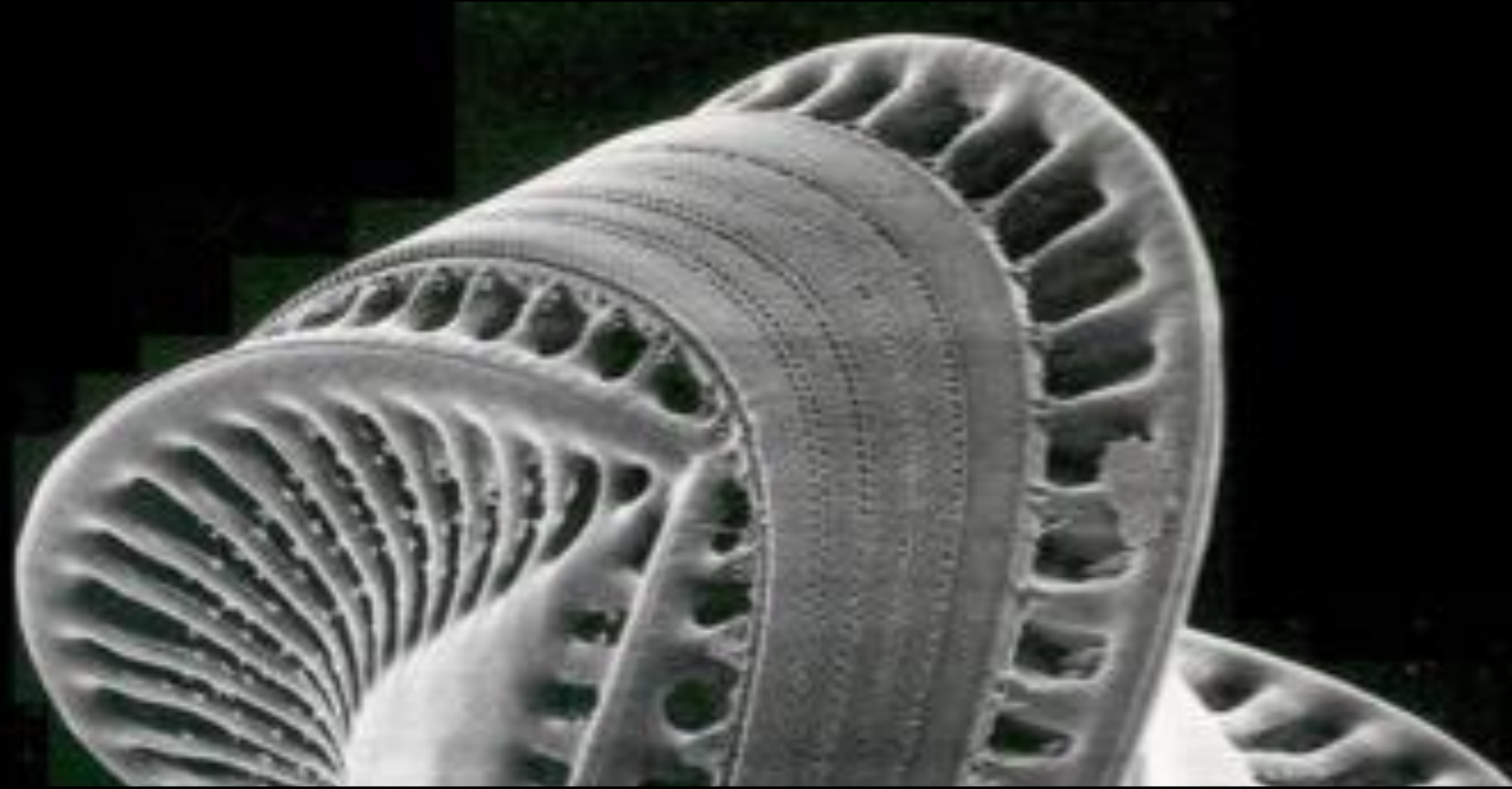
IN ORDER TO **IMPROVE THEIR OVERALL
PERFORMANCE.**



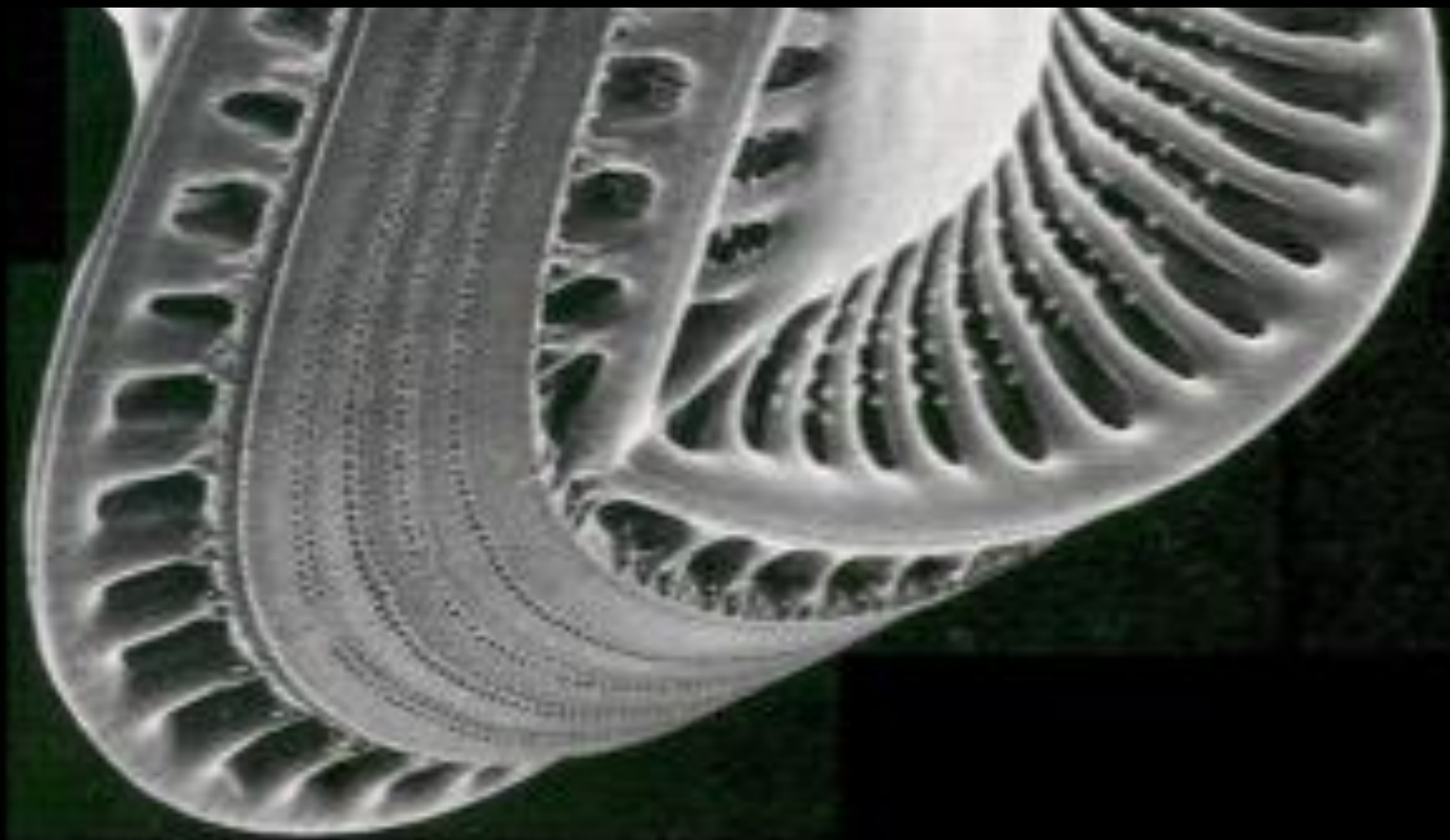


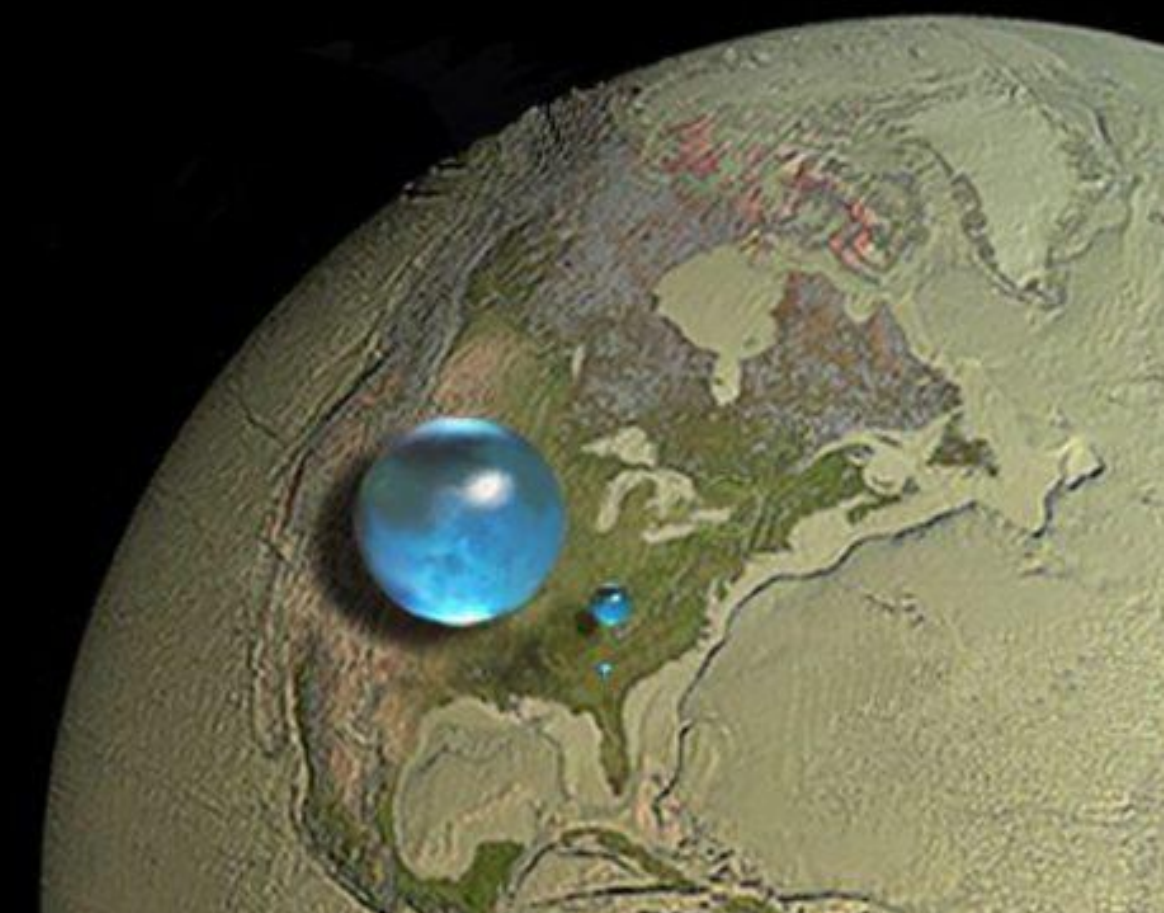
CHANGE THE WAY YOU LOOK AT NATURE



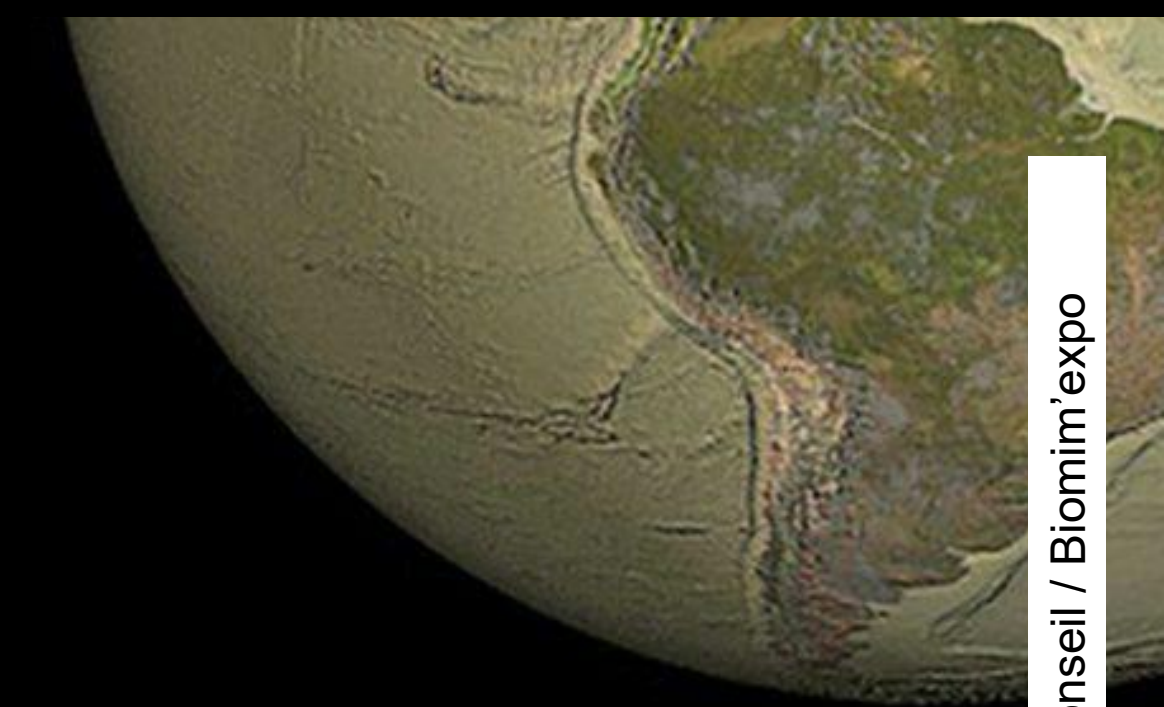


CHANGE THE WAY YOU LOOK AT NATURE





CHANGE THE WAY YOU LOOK AT NATURE





« IT'S NOT MAN
WHO WILL SAVE
THE PLANET,
**IT'S THE PLANET
THAT WILL SAVE
HUMANITY** »



THANK YOU



biomim
expo®

by NewCorp Conseil

OCTOBER
28th
2025

THE TRADE SHOW OF
BIO-INSPIRED
SOLUTIONS AND
REGENERATIVE
PROJECTS

*Biodiversity, climate
transition*

*and build a new
model for the future.*

IF YOU WANT MORE

BIOMIMEXPO.COM

**TEAM UP
WITH NATURE
TO SHAPE
THE FUTURE**

**101+ SOLUTIONS
AND INNOVATIVE PROJECTS**

9th EDITION

PALAIS DU PHARO
MARSEILLE

