



EST.

1965

unima

LA CREVETTE DE MADAGASCAR



50 years of regenerative aquaculture

Feeding the world sustainably, regenerating life

Global context

- The race for **ever-more** harms climate, resources and societies
- 50 % of global GDP depends on threatened ecosystems
- Biodiversity loss ranks among the three greatest risks of the decade
(Source: WEF)





From sustainable to regenerative

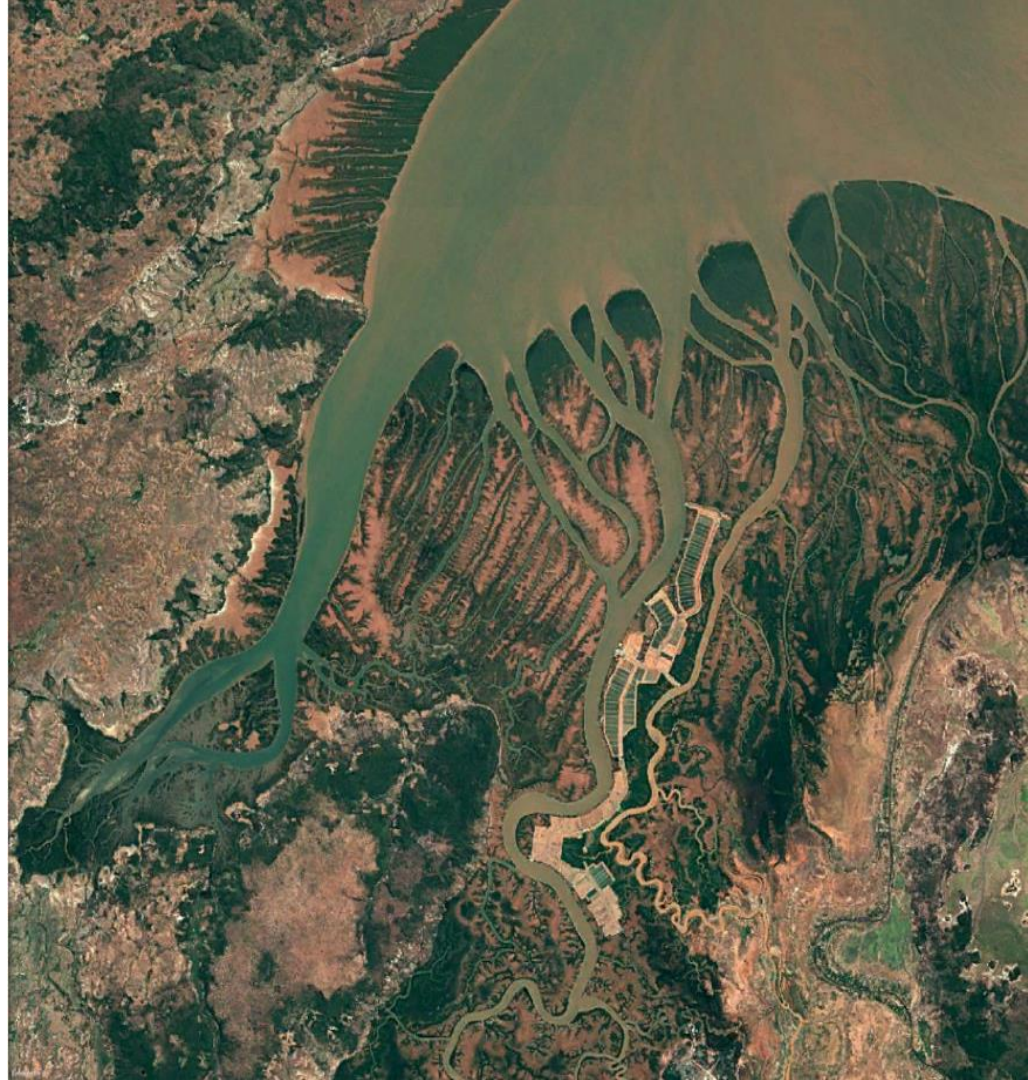
- **Sustainable** : preserve by balancing economy, society and environment
- **CSR** : engage stakeholders and limit negative impacts
- **Regenerative** : repair ecosystems and strengthen communities

Give back to Earth more than activities' impacts

Regenerative aquaculture : definition

- A model that restores nature and energises coastal communities
- Positive impact possible only through a living alliance of stakeholders and Nature

The company co-evolves with its ecosystems





The three pillars of regeneration

- **Ecological** : restore habitats so they can regenerate on their own
- **Social** : enhance dignity and quality of life
- **Economic** : create value that is locally rooted and fairly shared

Ambition far beyond the usual footprint of business on people and planet



UNIMA, pioneer of regenerative aquaculture.

Purpose :

*“Cultivate and preserve nature
to feed humanity in a healthy,
sustainable way, while
creating wealth and ensuring it
is shared with our employees
and local communities...” :*

**50 years of innovation combining
excellence equity and prosperity**

Our unique eco-model

- Ponds built on mangrove free inter-tidal clay salt flats.
- Mahajamba Bay : the country biggest natural habitat of our endemic monodon specie.
- Low stocking density - animal welfare (15-25 shrimp maximum/sq.mt.).
- 70-75 % overall survival rates.
- Shrimp welfare guarantee (preserved from diseases and stress, fast slaughter without MBS).
- 100 % wholesome, traceable feed (non-GMO, antibiotic-free, no terrestrial animal-protein additives)
- Output deliberately limited for sustainability 3 000t per year
- Very minimal effluent discharge impact to low discharge of nutrients.





Thirty years of key milestones

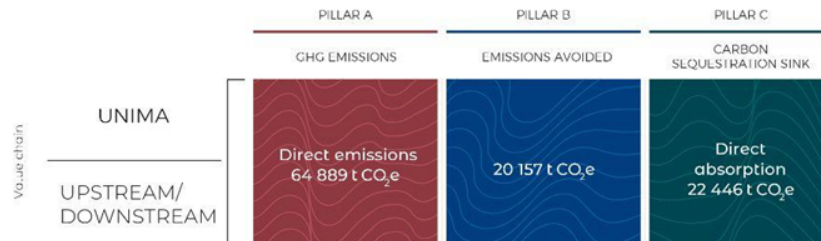
- **1995** : first healthcare dispensary
- **1996** : first school
- **1998** : first mangrove replanting
- **2008** : first carbon footprint audit. Second one in 2019
- 2022 : CSR Report published, including regenerative achievements



All 17 SDGs activated

Carbon neutrality, three levers

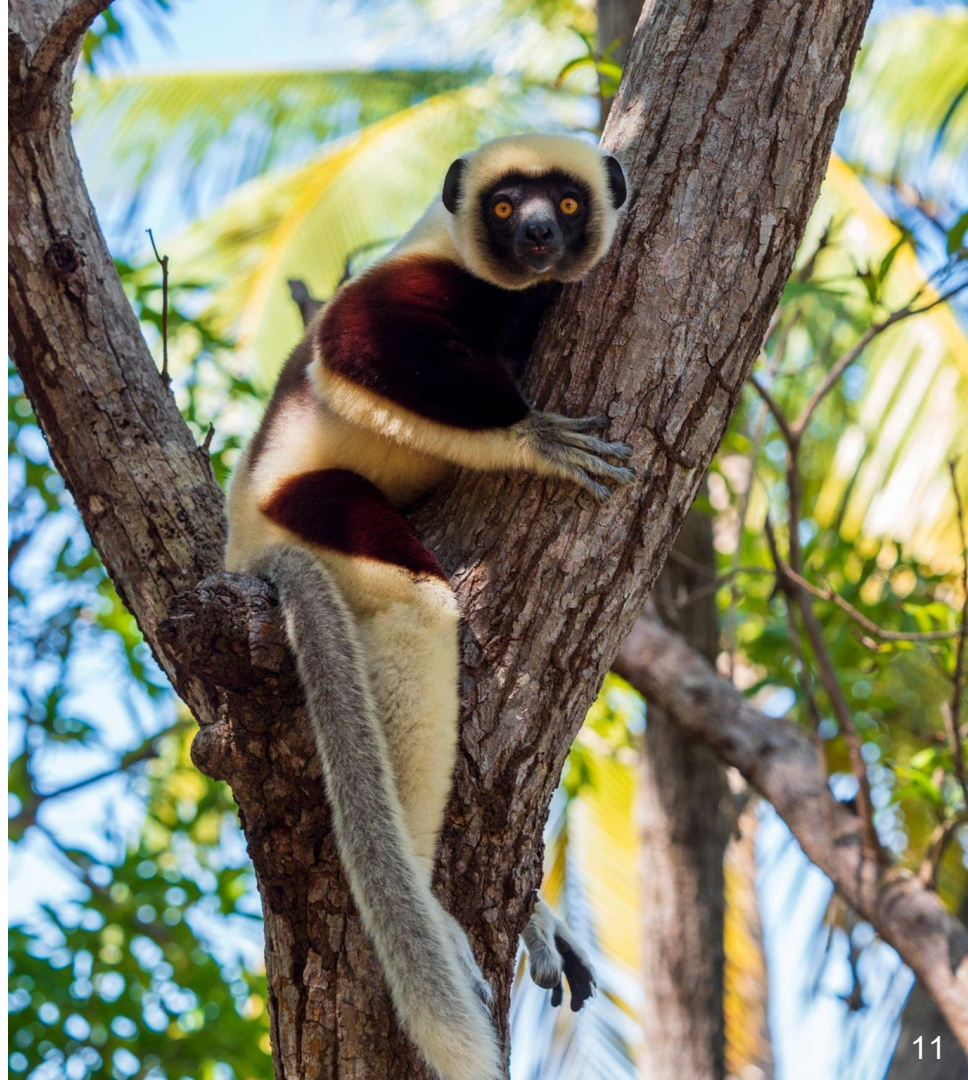
- **Reduce :**
Since 2010 : -35 % on CO₂ eq
2027 target : further -65 % on gazoil consumption
- **Ensure:**
51 300 ha of protected mangroves
Preventing 20 157 t CO₂ emissions each year
- **Sequester :**
+ 3,2 M trees planted
Including + 1,5 M mangrove trees planted
Capturing 22 000 t CO₂ annually



Regenerating environmental ecosystems

- **Verama** : restoring arid soils through agro-ecological orchards (600 ha, 1.7 millions trees planted)
- **Mangarahara** (Varuna project): rewilding 4 500 ha of semi-primary forest in Mahajamba Bay
- **Mangrove recovery** : 51 300 ha protected (10 times larger than Paris) and 1,5 million mangrove trees planted
- **Protection of rare and threatened species**
- **Outgoing biomass** (zooplankton, phytoplankton, etc.) exceeds harvested shrimp biomass, increase carbone sequestration in the mangrove

The return of biodiversity is a living proof of successful regeneration





Regenerating human ecosystems


- **10 schools** nurture learning for *2 500 pupils each year*
- **10 dispensaries** and the **Mother-and-Child Unit** strengthen healthcare
- **Madagascar's first collective labour agreement** ensures *fair working conditions*
- Average gross salary more than 3.5 times the minimum wage

UNIMA's activity supports more than 13 000 people

Building innovative partnerships

- **Solidarity chain :**
consumer › distributor › producer › communities

High-school program  **INTERMARCHÉ**
Les Mousquetaires

Mother-and-Child Unit initiative 
picard

- **SDG 17** – Partnerships for the Goals activated



blue ventures
beyond conservation



Thank you for your attention
Let's regenerate the future together

