

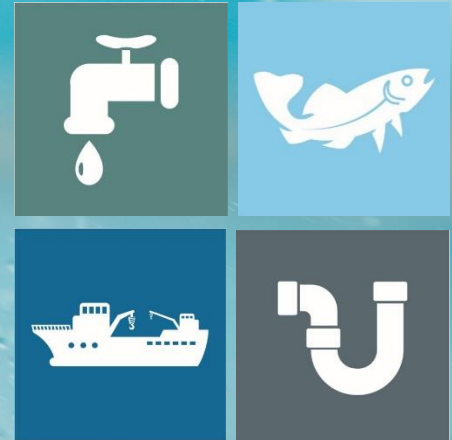
# BLUE ECONOMY AQUACULTURE FORUM



# Introduction to Stern

Marta Rojo Alonso - CEO

Abu Dhabi, 25 May 2023



# Sterner Locations and History



## Short History

- 1990 – Sterner Aquatech established 
- 1996/7 – Offices in Bergen/Leknes opened – 8 employees
- 2013 – Biotech acquired  
Change of name to Sterner AS 
- 2019 – Sterner Solutions formed
- 2022 – Office opened in Dubai and Egypt targeting aquaculture growth
- 2022 – International Investor, Erich Erber enters as major shareholder.
- Approximately 90 employees today



# Leading position in high quality water solutions - in four segments



## 1. AQUACULTURE



Sterner system solutions and products secure values and contribute to a better environment and sustainable development



## 2. DRINKING WATER



Largest in Norway in UV and ozone treatment of drinking water



## 3. MARITIME



Complete packages for disinfection and water treatment for well boats




## 4. WASTE WATER



Our wastewater treatment processes are the most innovative in the market





A close-up, high-speed photograph of a water splash, showing droplets and bubbles in various shades of blue. The background is a blurred landscape with mountains and a body of water under a cloudy sky.

# PROVIDING THE WORLD WITH **CLEAN WATER** AND SUSTAINABLE, **HEALTHY** **FOOD** FOR FUTURE GENERATIONS

**INNOVATION & TECHNOLOGY**



# Surging global demand for protein



## GROWING POPULATION

7 to 9 billion by 2050



## URBANISATION

50% to 70% by 2050



## GROWING MIDDLE CLASS

3 billion more by 2030

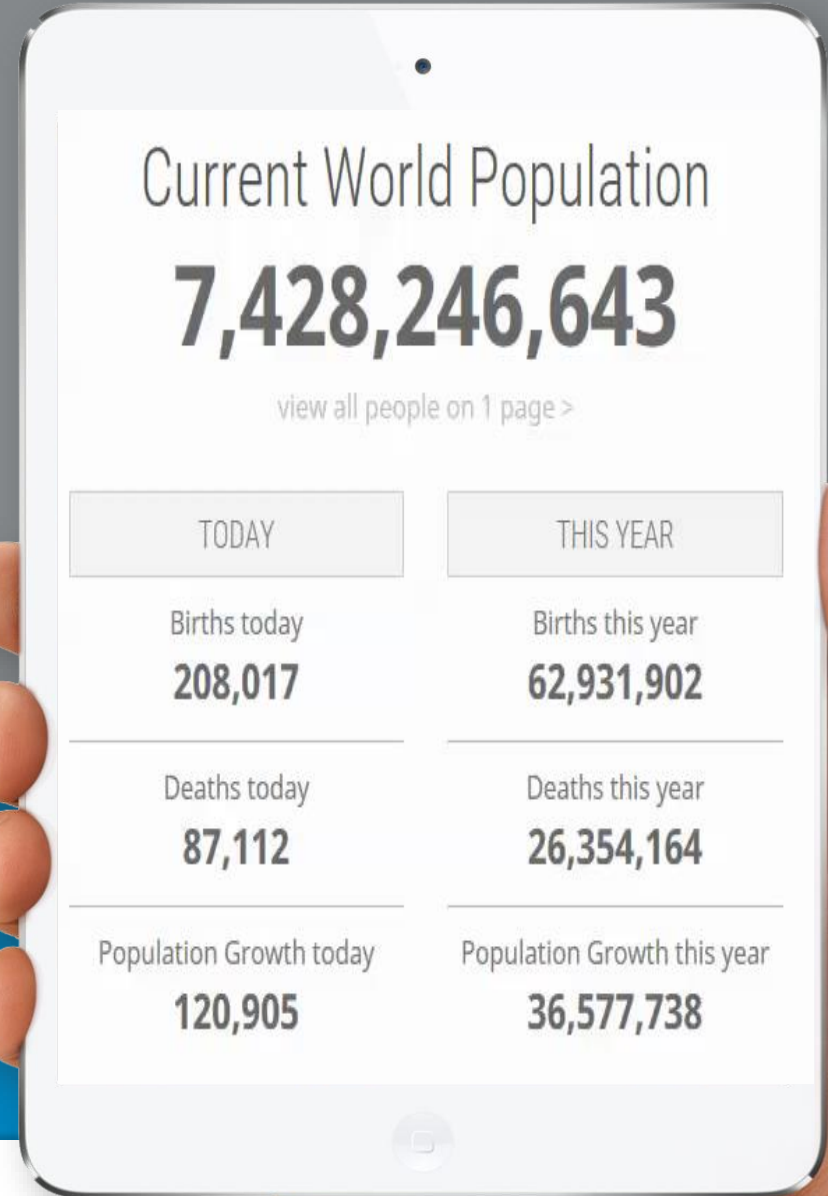


## FOOD PRODUCTION

Needs to double



**How to feed the growing  
world population in  
a sustainable way?**





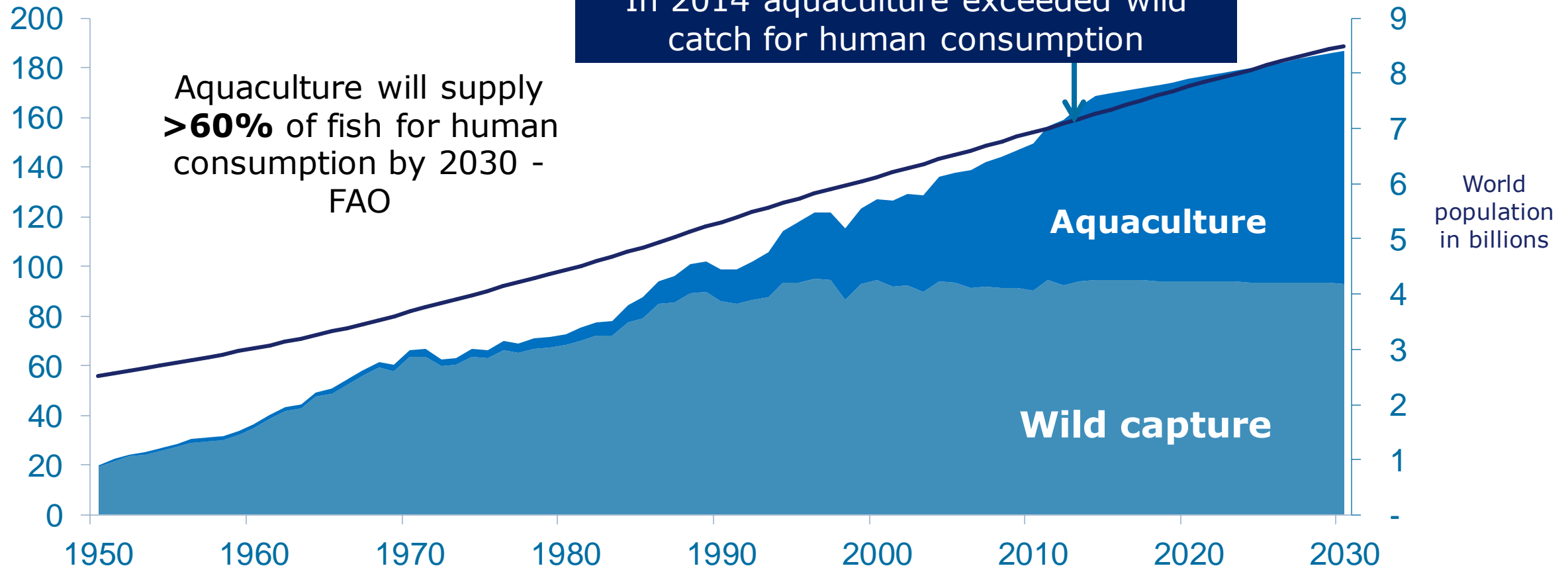
# Fish and Seafood are the **healthy & sustainable** alternatives to the other protein sources





# Aquaculture production using new technologies have to grow, wild fisheries do not meet the consumer demand

Production in  
million tonnes



Sources: FAO FishStat, UN World Population Prospects – The 2015 Revision

Our oceans are under pressure to produce more seafood ....

we need to supplement production with landbased production

70% of world surface is  
Ocean

4% of protein produced  
comes from the Ocean  
versus 96% from land  
and inland lakes



# Landbased Aquaculture brings the opportunity to produce in regions such as Middle East

- The most efficient livestock production
- Flexible use of feed ingredients enables the industry to become a net fish protein producer
- Food with relatively low carbon footprint
- Promoting the use of sustainable feed ingredients

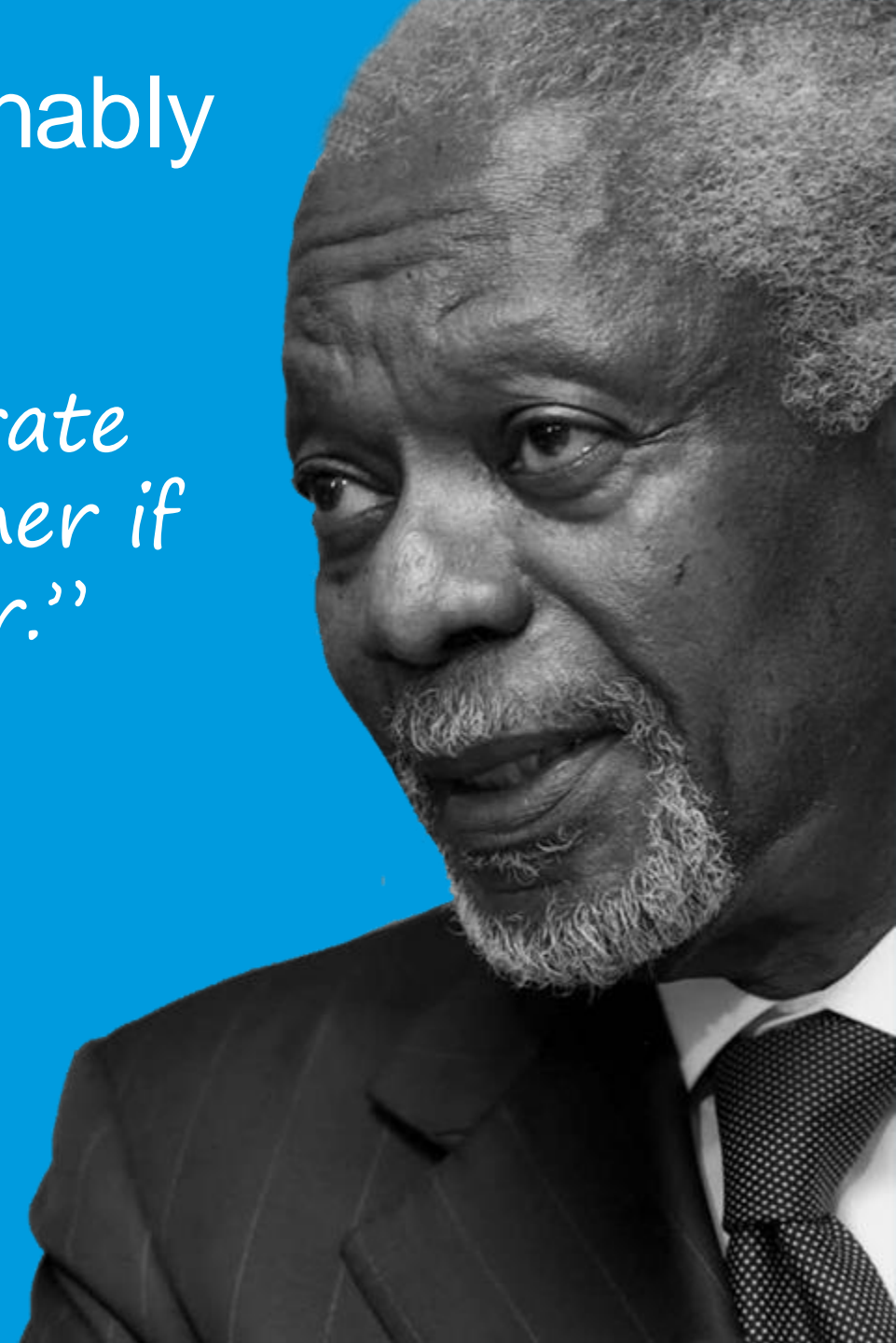
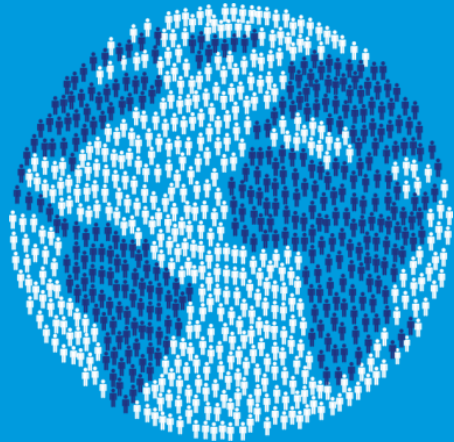




# Feeding 9 billion people sustainably

*“I do not ask you to change direction, but I ask you to accelerate progress. We need to work together if we are to overcome world hunger.”*

Kofi Annan  
Former UN Secretary General



**“It always  
seems  
impossible  
until it’s  
done!”**

**- Nelson  
Mandela**





Thank you!



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