Centrale Danone a sustainable water usage from factory to watershed, through technologies and involvement of stakeholders

DANONE
ONE PLANET. ONE HEALTH

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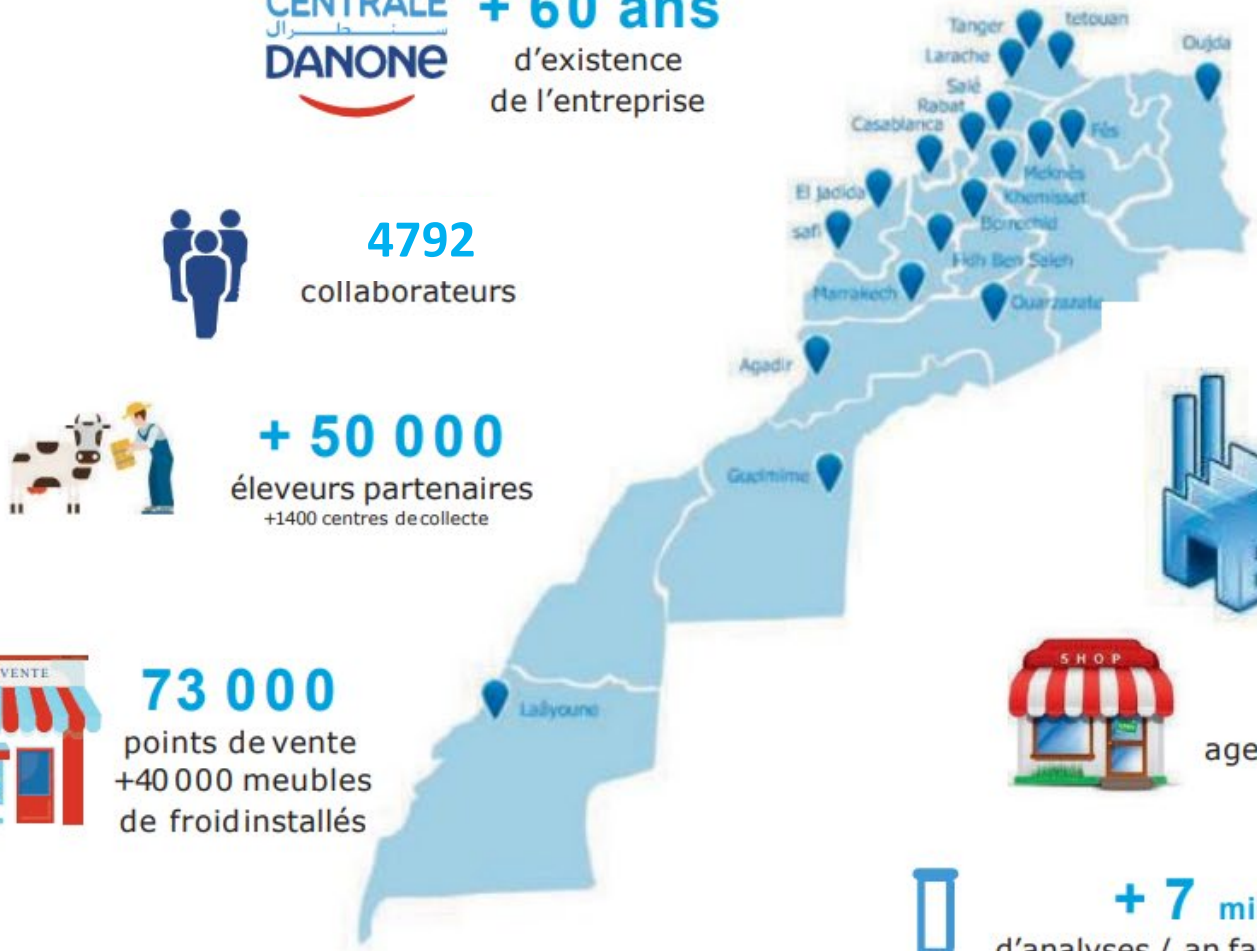
3rd International Conference on Water on Climate
"Basin management, key to adaptation and achieving the Sustainable Development Goals“
Fès, Morocco 6th - 7th July 2023

CENTRALE DANONE OVERVIEW

+ 60 ans
d'existence
de l'entreprise



+ 600
camions

4792
collaborateurs

1
siège social à
Casablanca

+ 50 000
éleveurs partenaires
+1400 centres de collecte

4
sites de fabrication
El Jadida - Salé - Meknès -
Fkih ben Salah

73 000
points de vente
+40 000 meubles
de froid installés

24
agences commerciales

+ 7 millions
d'analyses / an faites sur le lait
et la matière première laitière

WATER AT THE CORE OF DANONE IMPACT JOURNEY

PRESERVE & REGENERATE NATURE

Preserve and restore watersheds where we operate and drive **water footprint reduction** across the value chain	4R approach will be deployed in all our production sites by 2030
	Watershed preservation/restoration plans in highly water-stressed areas by 2030[2]

[2] 100% Danone production sites and 50% of key raw materials volume

In Morocco, 4 factories located in watersheds in highly water stressed areas

Technological solutions to Reduce, Reuse, Recycle and Reclaim water
Circularity In and Around the factory, at factory and within the watershed

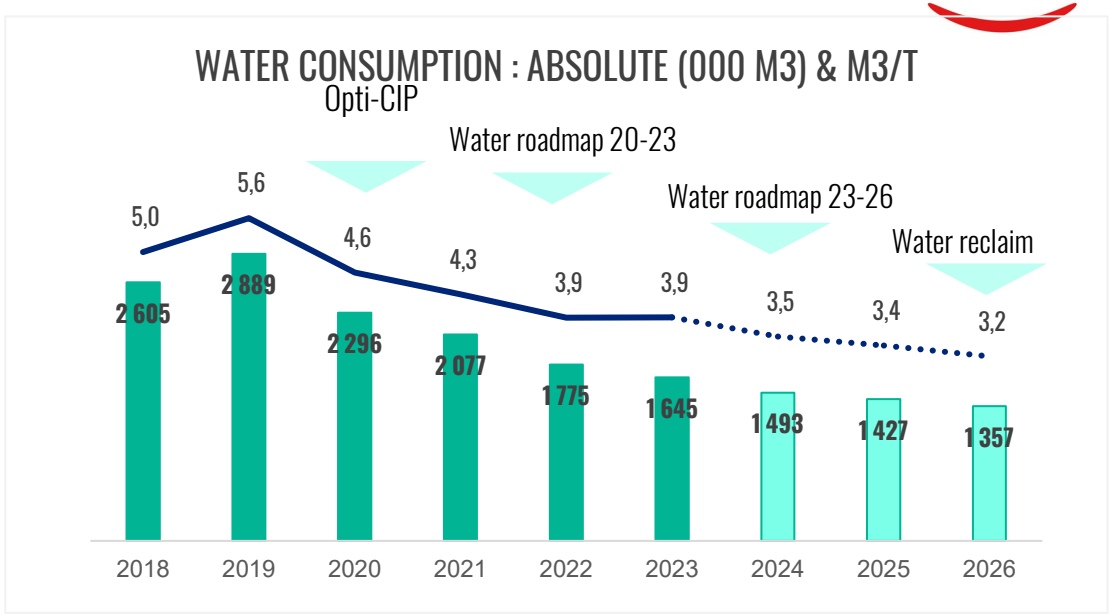
WATER AMBITION TRAJECTORY
BY CENTRALE DANONE

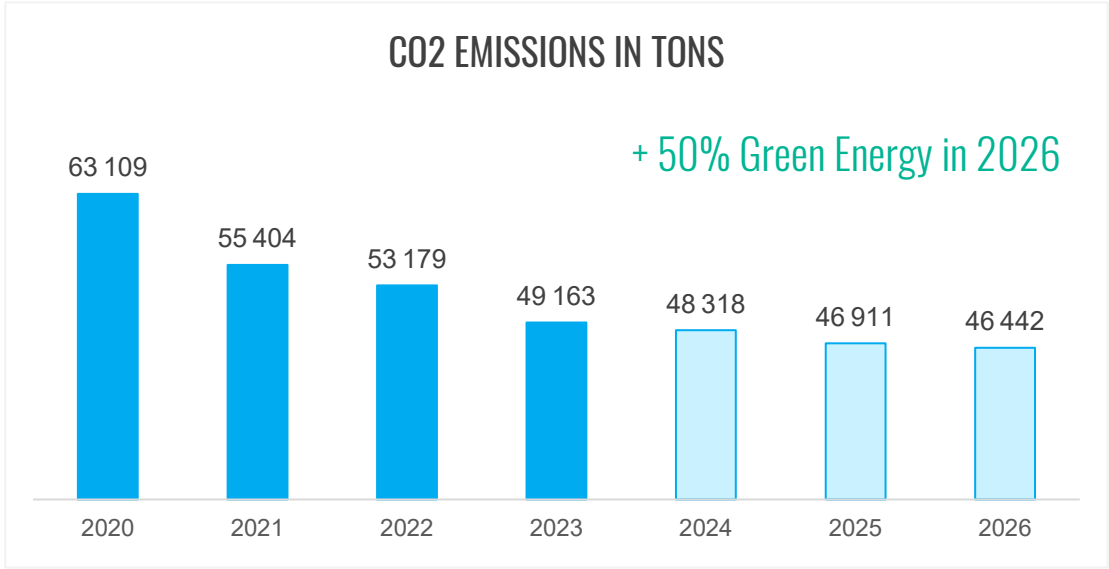
- **100%** of our production sites are deploying 4R approach
- Implementation of Water Roadmap **2020-2026**

Projects :

Water Reduce
Action on the Optimization of CIP process

Water Recycle up to Reclaim water





MEKNES PROJECT – 2ND LIFE OF WATER FOR FARMING
WATER WITHDRAWAL REDUCTION IN AQUIFER

[to start Sept. 2023
Phase 1 – 3 years project
with a PhD, ENAM]

Objective

- Be part of solution with local stakeholders towards water sustainability of the watershed/territory

Levers

- **Water substitution** : 1L from groundwater to 1L from REUSE
- Bottom-up approach with neighbors' farmers : local acceptability to use reuse water for farming
- Regulation on REUSE in Morocco an enabling condition
- **1300m³ /day of wastewater from the production site can irrigate 150ha; 60ha already secured with 2 off-takers around the factory**

Potential partners (TBC)

École d'agriculture de Meknes

Ministry of Agriculture
Irrigation division

African Water Facility
Facilité africaine de l'eau
Mobilising Resources for Water in Africa
Mobiliser des ressources pour l'eau en Afrique

Phase 2 – Upscaling

Expected results

- Reduce water pressures on groundwater
- Agronomic outcomes for various crops and for soils
- Conditions for upscaling, with local stakeholders