

DuPont Asturias Recycled Water Project

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Interreg
Europe



Co-funded by
the European Union

CHEERS4EU



SEKUENS

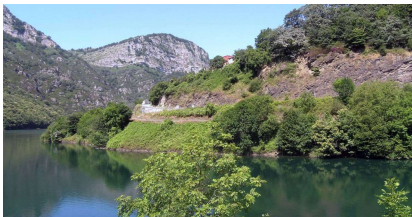
Agencia de Ciencia, Competitividad Empresarial
e Innovación del Principado de Asturias

DUPONT™

Project Overview

Source

NOW



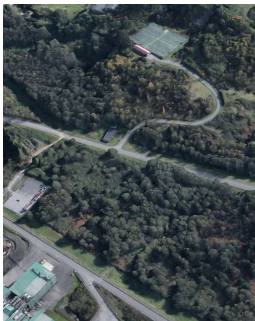
Fresh water from dam
(Tanes/Rioseco 37 Hm3)

Future



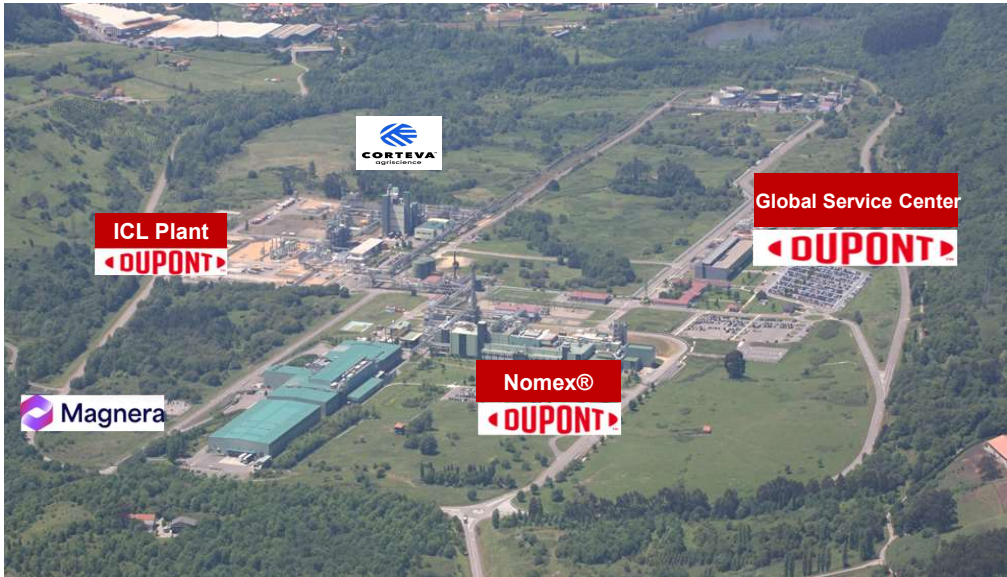
Municipal WWT - Villaperez
Water treated >36 Hm3/year)

Storage



Site water storage tank

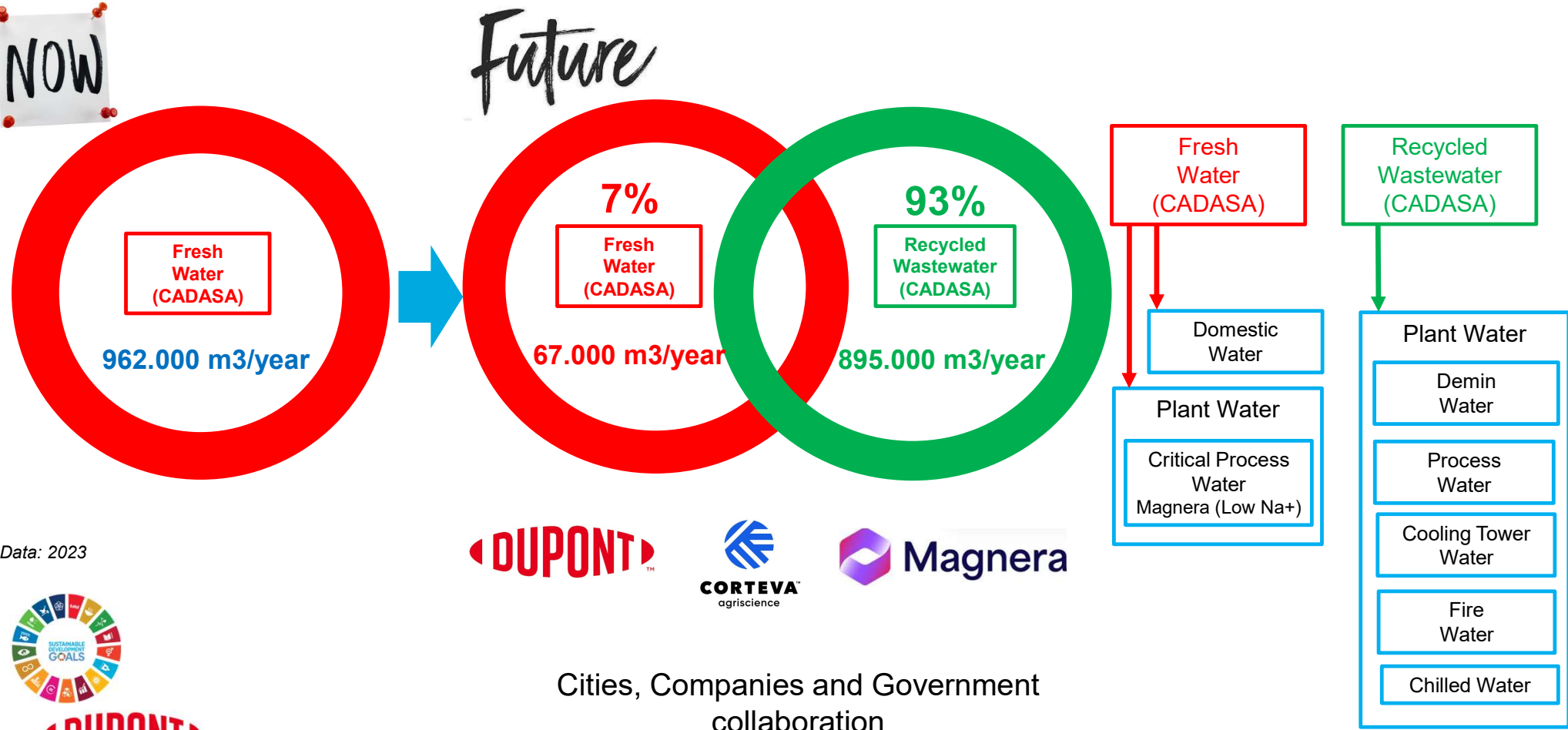
Consumption



Asturias Site



Internal Distribution Network – DuPont Asturias Site



Data: 2023



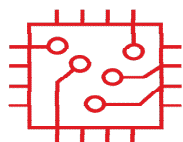
Cities, Companies and Government collaboration

Project Highlights



DuPont PARTICIPATION

- Proactively participated in the committee (Public and Private stakeholders) to define the critical parameters necessary for the feasible use of recycled water at Asturias DuPont facility, including Magnera and Corteva requirements.
- Participation in the Hazard Evaluation Committee (on going).



MAJOR EQUIPMENT required at DuPont Facility

- Basic Engineering Phase completed.
- Two independent water pipe systems, one for recycle water and one for fresh water.
- Existing Water Tank will storage Recycled water
- New (1) Fresh Water Tank.
- New (1) Fresh Water Pipe System.
- Instrumentation associated



CAPITAL ESTIMATE Overview

- Estimate Type E4 completed (+/- 30%).
- Total Project Cost: 3.2 MM€ (including direct, indirect and miscellaneous costs).



DuPont COMMITMENT

- DuPont is actively contributing to make Europe resilient to water crisis.
- This project is part of the DuPont Program in place to align with EU Water Resilience Strategy. (Other minors projects for water consumption reduction by continuous improvement effort)





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