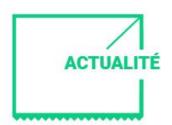
AVEVA CHEMICAL INDUSTRY BREAKFAST | 23 MAI 2024

# Introduction

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#### **ACTUALITÉS GÉNÉRALES**

## LA CHIMIE RÉHAUSSE SON AMBITION EN MATIÈRE DE DÉCARBONATION





#### Données clés

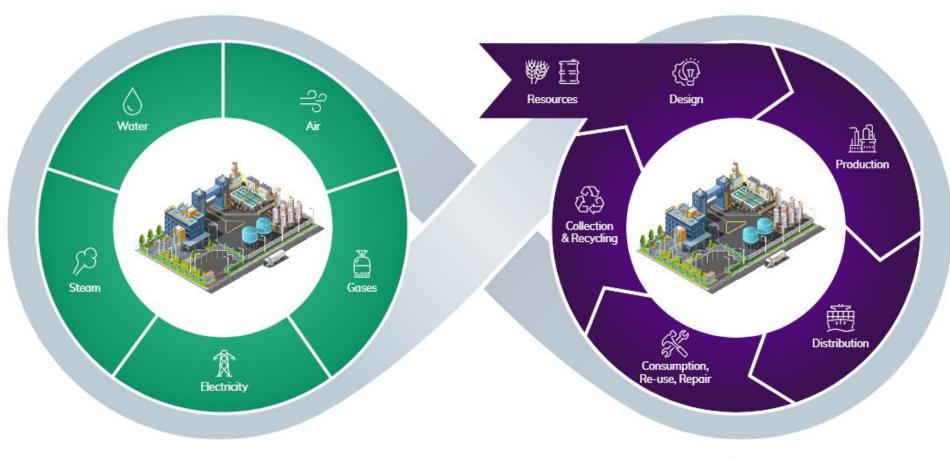
	1990	2015	2021	2030
Emissions de la Chimie (MtCO2éq/an)	53	22	19	entre 10 et 12
Emissions de l'industrie (MtCO2éq/an)	143	84	78	objectif de 45
Emissions de la France (MtCO2éq/an)	520	423	404	objectif de 270

[1] Sources : CITEPA 2022, EU ETS transaction log

En parallèle de la signature des Contrats de transition écologique des sites les plus émetteurs de la Chimie, le secteur dévoile sa nouvelle trajectoire de décarbonation, avec des scénarios conduisant à une réduction supplémentaire de 41 % à 49 % d'émissions de gaz à effet de serre d'ici 2030 par rapport à 2015.



Optimiser : travailler en profondeur les procédés et utilités pour le scope 1&2

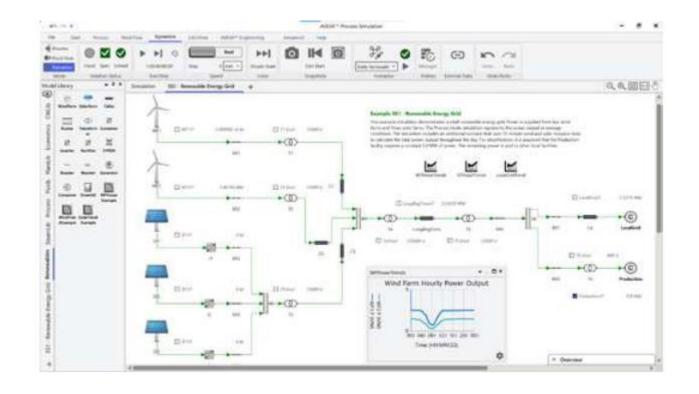


**Process** 

**Utilities** 

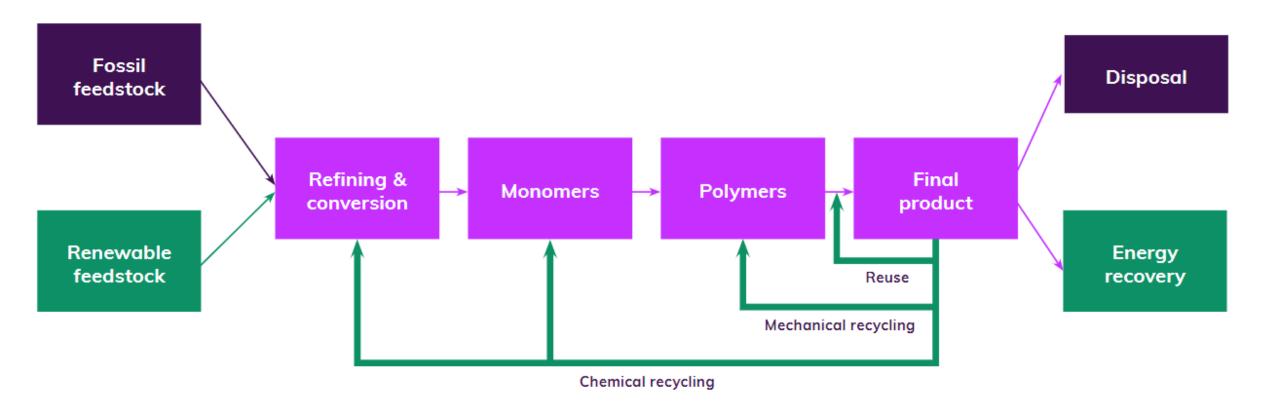
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Chaleur décarbonée, abattement gaz Technologies de rupture : électrification, capture stockage CO2, hydrogène bas-carbone





### Circularité et excellence opérationnelle

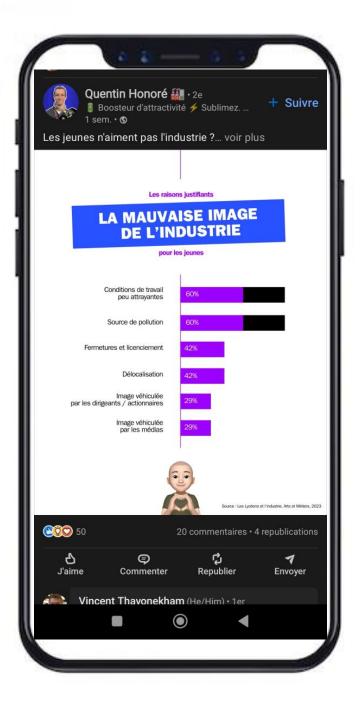




### Attractivité & Marque Employeur

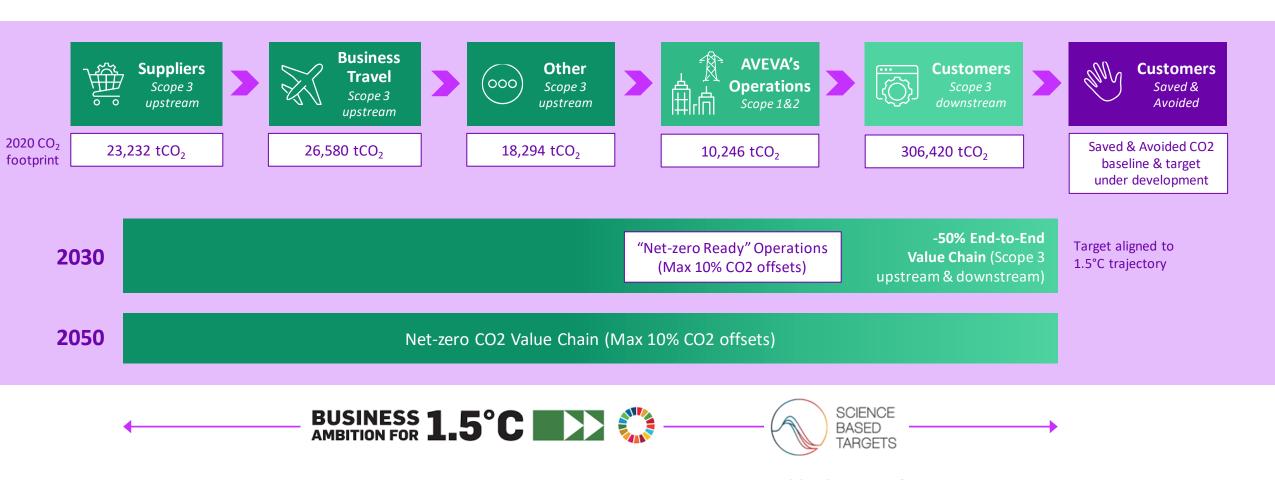






#### Decarbonization at the new core of AVEVA

We are committed to supporting the transition to a net-zero economy in line with a 1.5°C future





#### Decarbonizing industries from engineering to operations



Saved \$3.3M per year in energy and water cost, +£1.8M in EU grants



Improve the quality of manufactured parts - Reporting time decreased from 2 days to 2 minutes, contributing to overall efficiency gain of 10%



35% cut in energy consumption Scope 1 & 2:28 % drop in CO<sub>2</sub>



Reduced cycles times per CNC machine to improve OEE



Cut waste by 50% and increased yield



Empower 8.000 employees with trusted data access, across 70 sites, 60+ uses cases.
>MM€ payback on their I40 program since 2017.



6% reduction in YoY energy consumption, 75% reduction over 10 years



Power optimization software used to achieve 26% energy and a 20% water use reduction at Lexington Smart Factory.



Reduced emissions by 40% and 25% water reduction at Seville brewery



Operational efficiency gains led to 3% energy use reduction or 10% cost savings



Former nos employés



