

## CEMENT & CONCRETE

# LafargeHolcim



Credit: LafargeHolcim

## 'ECOPact' range

A new range of low carbon concrete from 30% to 100% lower embodied carbon compared to standard CEM I or Ordinary Portland Cement-based concrete.

ECOPact products integrate upcycled construction and demolition materials where regulatory conditions allow, further closing the resource loop.

The range includes four different offers according to the emissions reduction per unit of concrete.

## IRON & STEEL

# thyssenkrupp



# thyssenkrupp

## **'tkH2Steel' and 'Carbon2Chem' pilot project**

Plans to scale up hydrogen-based direct reduced iron and steel production during the 2020s alongside CO<sub>2</sub> capture of unavoidable (process) emissions for re-use as a chemical feedstock.

Goal to reduce Scope 1 steel emissions from EU by 30% by 2030 and 100% by 2050.

Aiming to market low carbon and ultimately climate neutral steel to customers.

## IRON & STEEL

# SSAB/ HYBRIT



HYBRIT pilot plant (Credit: SSAB/Åsa Bäcklin)

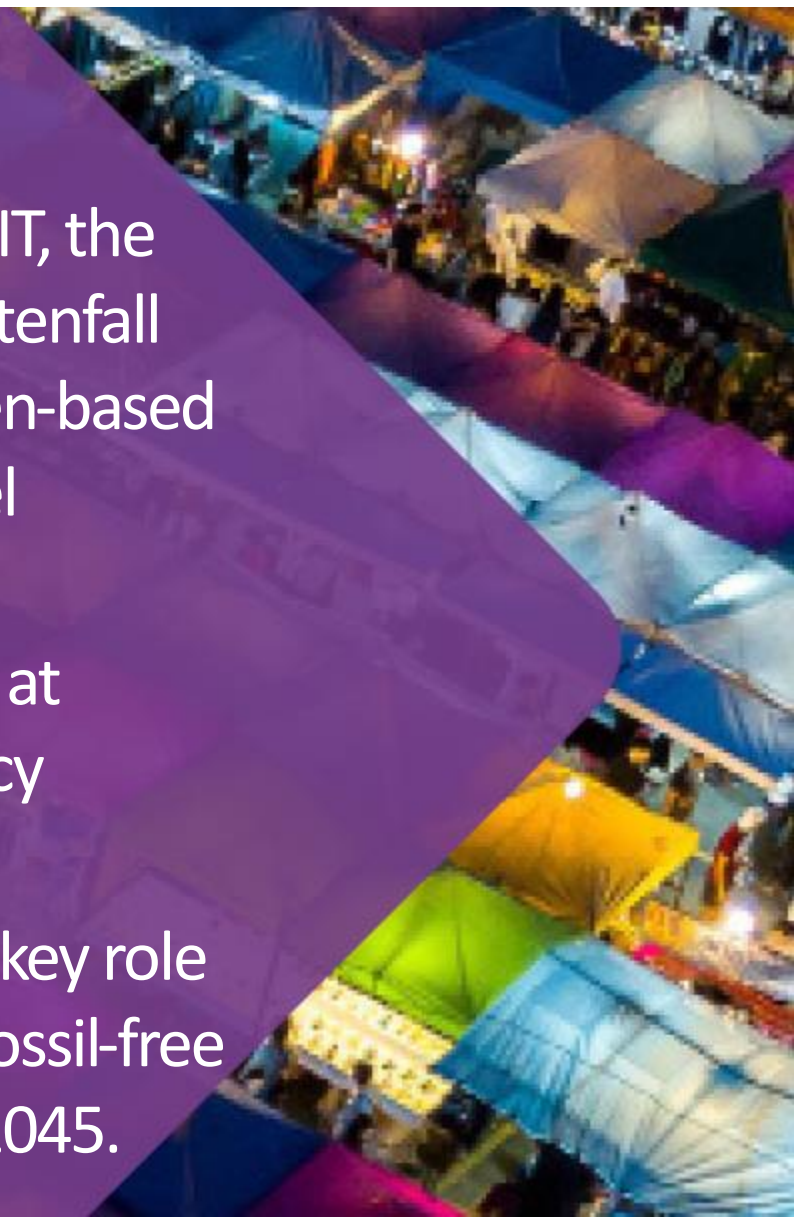
[www.hybritdevelopment.se](http://www.hybritdevelopment.se)

## Fossil-free steel

Under their joint venture HYBRIT, the companies SSAB, LKAB and Vattenfall are currently piloting a hydrogen-based direction reduced iron and steel production.

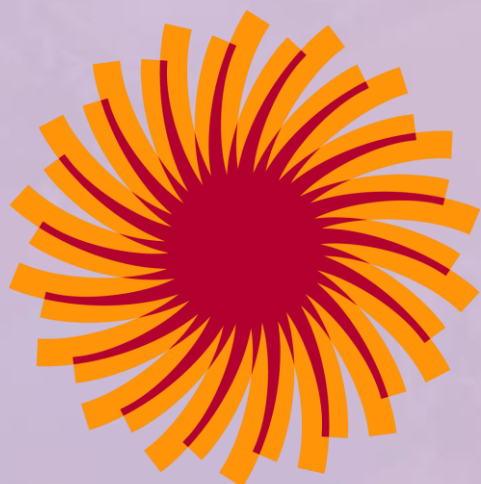
Aim to produce fossil-free steel at commercial scale by 2026, policy conditions permitting.

The HYBRIT technology plays a key role in SSAB's aim to be practically fossil-free along its entire value chain by 2045.



## BIO-BASED MATERIALS

# Stora Enso



storaenso

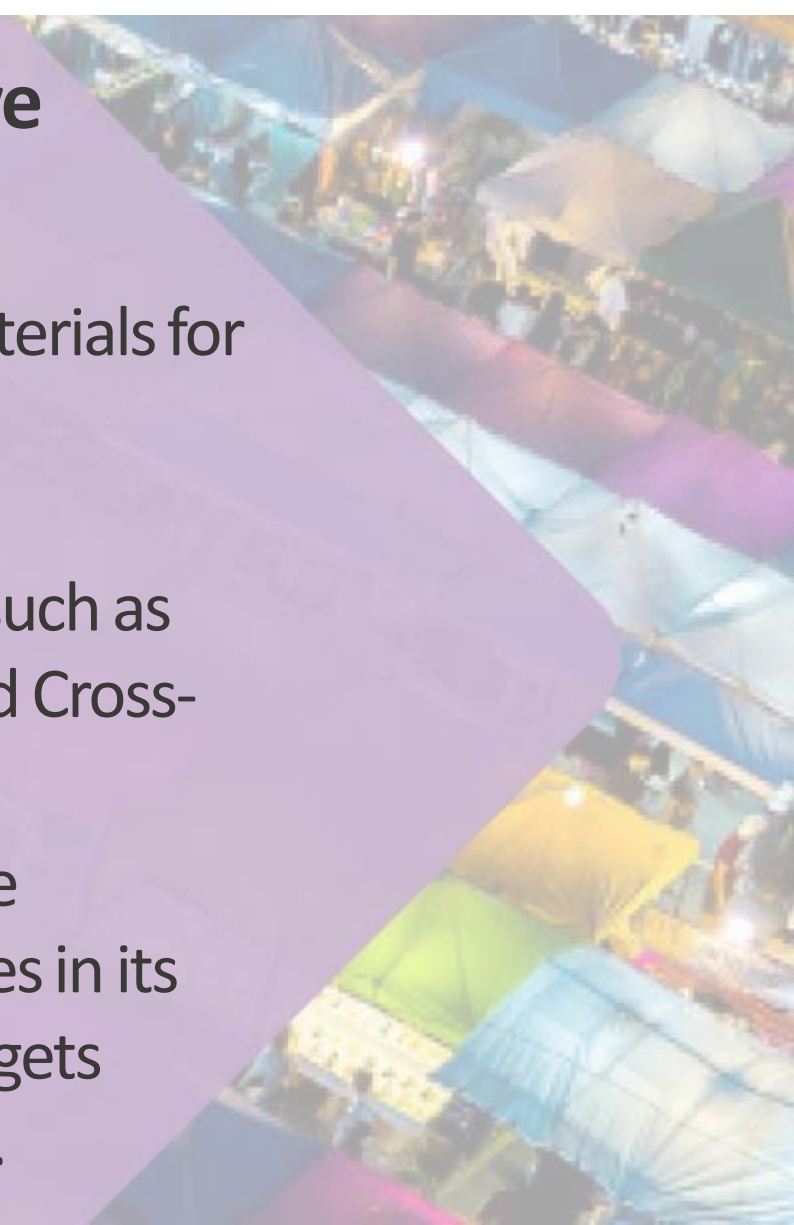
[www.storaenso.com/en/sustainability/  
environmental/carbon-dioxide](http://www.storaenso.com/en/sustainability/environmental/carbon-dioxide)

## ‘TreeToTextile’ and alternative construction materials

Using bio-based and renewable materials for consumer textiles products.

Marketing innovative, wood-based, alternative construction materials, such as Laminated Veneer Lumber (LVL) and Cross-laminated timber (CLT) products.

Seeking to reduce products life cycle emissions: one of the first companies in its industry to adopt science-based targets covering paper, pulp and packaging.



## AUTOMOTIVE

# Volvo Cars



[group.volvocars.com](http://group.volvocars.com)

## Scope 3 science-based target

Volvo Cars has set an internal science-based target to reduce the Scope 3 (full life cycle) emissions of its products.

By 2025, Volvo Cars aims to reduce vehicle life cycle emissions by 40 per cent (per car) compared to a 2018 baseline.

Recycling targets include vehicles manufactured with at least 25% recycled plastics, 25% recycled steel and 40% recycled aluminium by 2025 across the company's entire product range.



## AUTOMOTIVE

# Polestar

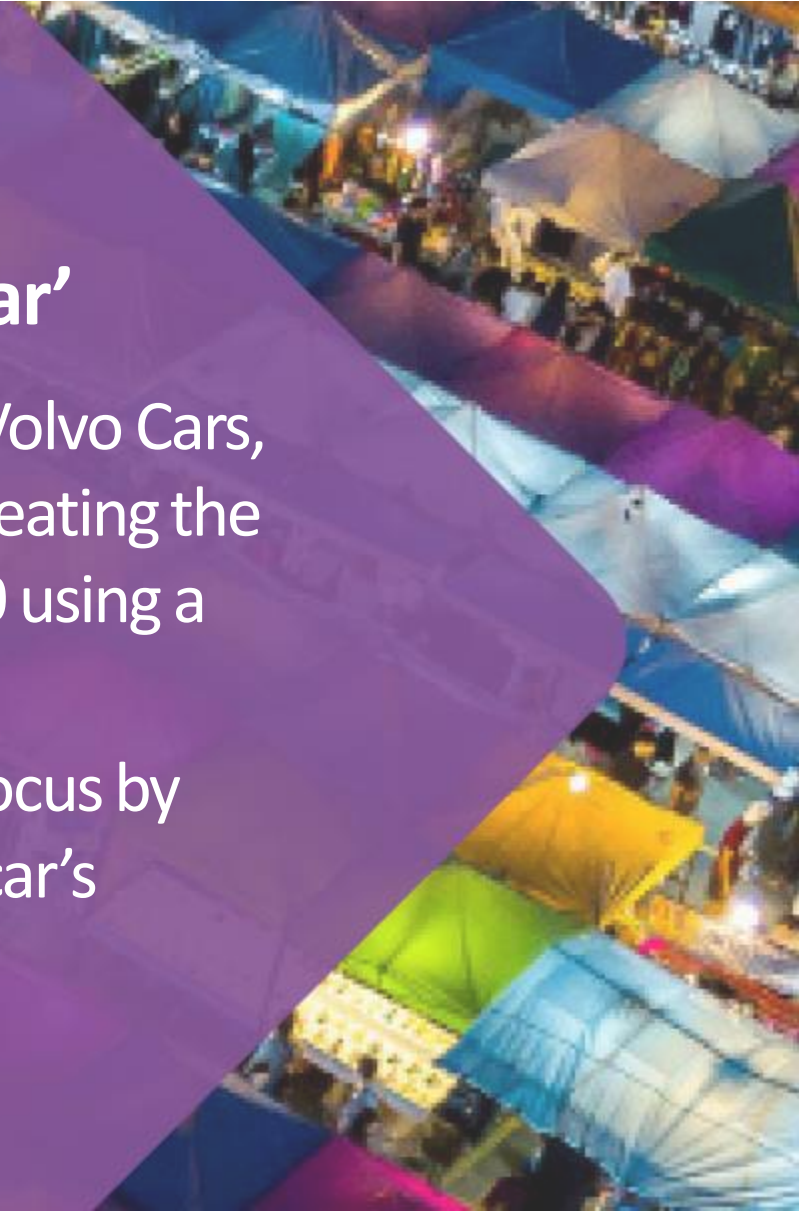
# Polestar

## The first 'climate neutral car'

Founded by Geely Holding and Volvo Cars, the company has set a goal of creating the first 'climate neutral car' by 2030 using a 'cradle to gate' approach.

Driving a 'design towards zero' focus by eliminating emissions from the car's manufacturing phase.

[www.polestar.com](http://www.polestar.com)



## CONSTRUCTION

# Bouygues Construction

**BOUYGUES  
CONSTRUCTION**

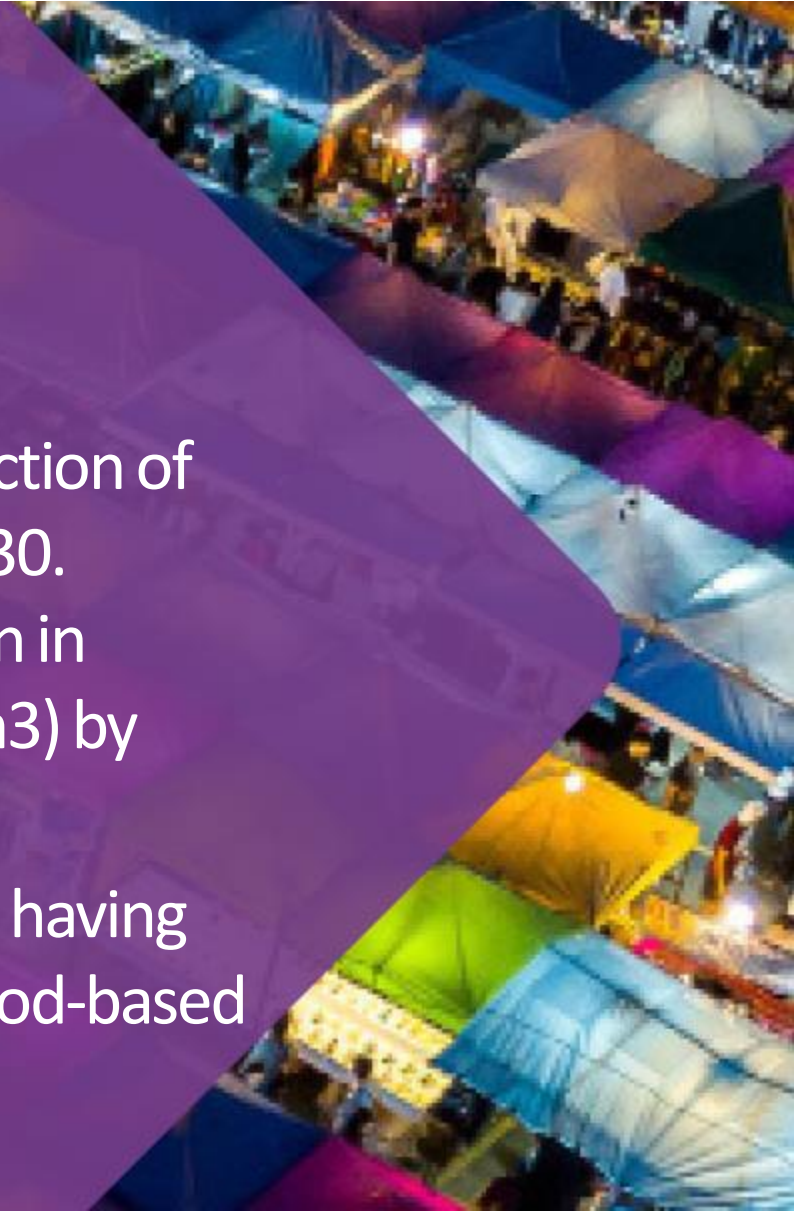
### Scope 3 science-based target

Goal to achieve an overall 30% reduction of its Scope 1, 2 and 3 emissions by 2030.

Working on an overall 40% reduction in cement carbon intensity (kgCO<sub>2</sub>e/m<sup>3</sup>) by 2030.

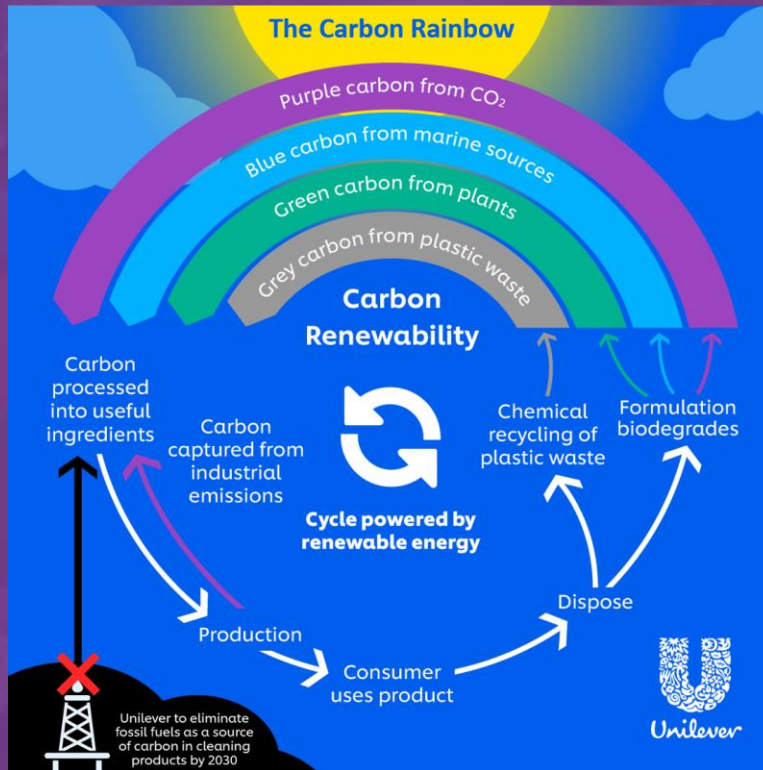
WeWood initiative: Commitment to having 30% of its building projects from wood-based materials by 2030 in Europe.

[www.bouygues-construction.com](http://www.bouygues-construction.com)



## HOME CARE PRODUCTS

# Unilever



## Carbon Rainbow methodology

The company will replace 100 % of the carbon derived from fossil fuels in its cleaning and laundry product formulations with renewable or recycled carbon.

Reduction of up to 20% of the product formulations' greenhouse gas emissions expected.

Ambitious material efficiency agenda and programme to source materials from suppliers using decarbonised energy.



## PACKAGING

# Coca-Cola European Partners



Credit: Coca-Cola European Partners

[www.cocacolaep.com/sustainability/this-is-forward/](http://www.cocacolaep.com/sustainability/this-is-forward/)

## ‘This is Forward’ sustainability strategy

New Net Zero 2040 ambition announced in 2020 to reduce absolute greenhouse gas emissions by 30% by 2030 compared to 2019 across its entire value chain, with a particular focus on Scope 3.

Mobilising suppliers as a critical condition for success: Aims for 100% of strategic suppliers to set science-based targets and use 100% renewable electricity by 2023.