

CHEMISTRY THAT MATTERS™



KLIMAAT TRANSITIE IN DE PETROCHEMIE

CBS – WEEK VAN DE GLOBALISERING

Leon Jacobs
Director Sustainability Strategy - SABIC



SABIC AT A GLANCE



1976

Company established



32,000

Employees around the world



50

Countries of operations



212th

Largest public company in the world*



Top 2

Chemical Brand Value**

4.017

US\$ bn

Estimated Brand Value**

79

US\$ bn

Total assets

17.8

US\$ mn

Net income

31

US\$ bn

Annual revenue



≈ 150

New products each year



9,946

Global patent filings



68

World-class plants worldwide

*Forbes 2020 **Brand Finance, 2021

OUR KEY LOCATIONS: WHERE THE CHEMISTRY HAPPENS



MEA HEADQUARTERS (GLOBAL)
Riyadh, Kingdom of Saudi Arabia



EUROPE HEADQUARTERS
Sittard, The Netherlands



AMERICA HEADQUARTERS
Houston, TX, U.S.A.



GREATER CHINA HEADQUARTERS
Shanghai, China



REST OF ASIA HEADQUARTERS
Singapore



APPLICATION & DEVELOPMENT CENTER
20 Global Technology & Innovation Centers

OUR KEY ACQUISITIONS: EXTENDING OUR CAPABILITIES

SABIC has acquired and integrated many successful companies, with three key acquisitions in the last 15 years:



2002

DSM Petrochemicals



2006

Huntsman Petrochemicals UK



2007

GE Plastics



OUR BUSINESSES



* Supplied under SABIC brand through Hadeed, a fully-owned SABIC Affiliate

FOCUSSING IN ON OUR PLASTIC VALUE CHAIN :THE ECO-EFFICIENCY OF PLASTICS

Plastics have a relative low carbon footprint compared to traditional materials.
Examples of plastics solutions for a sustainable society



Automotive

- Plastics **save 5-9 times more CO2** during their use phase then emitted for their production



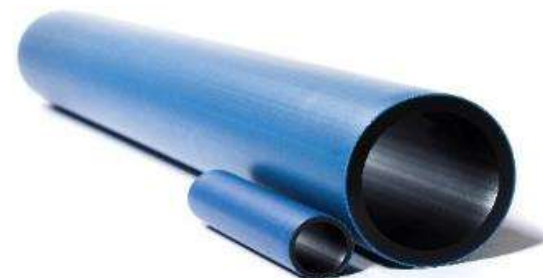
Consumer Products

- PE packaging for a cucumber **extends it's shelf life by up to 3 times**



Energy

- 7 times more energy is saved during the use of plastics than is required to produce them



Pipes & Fittings

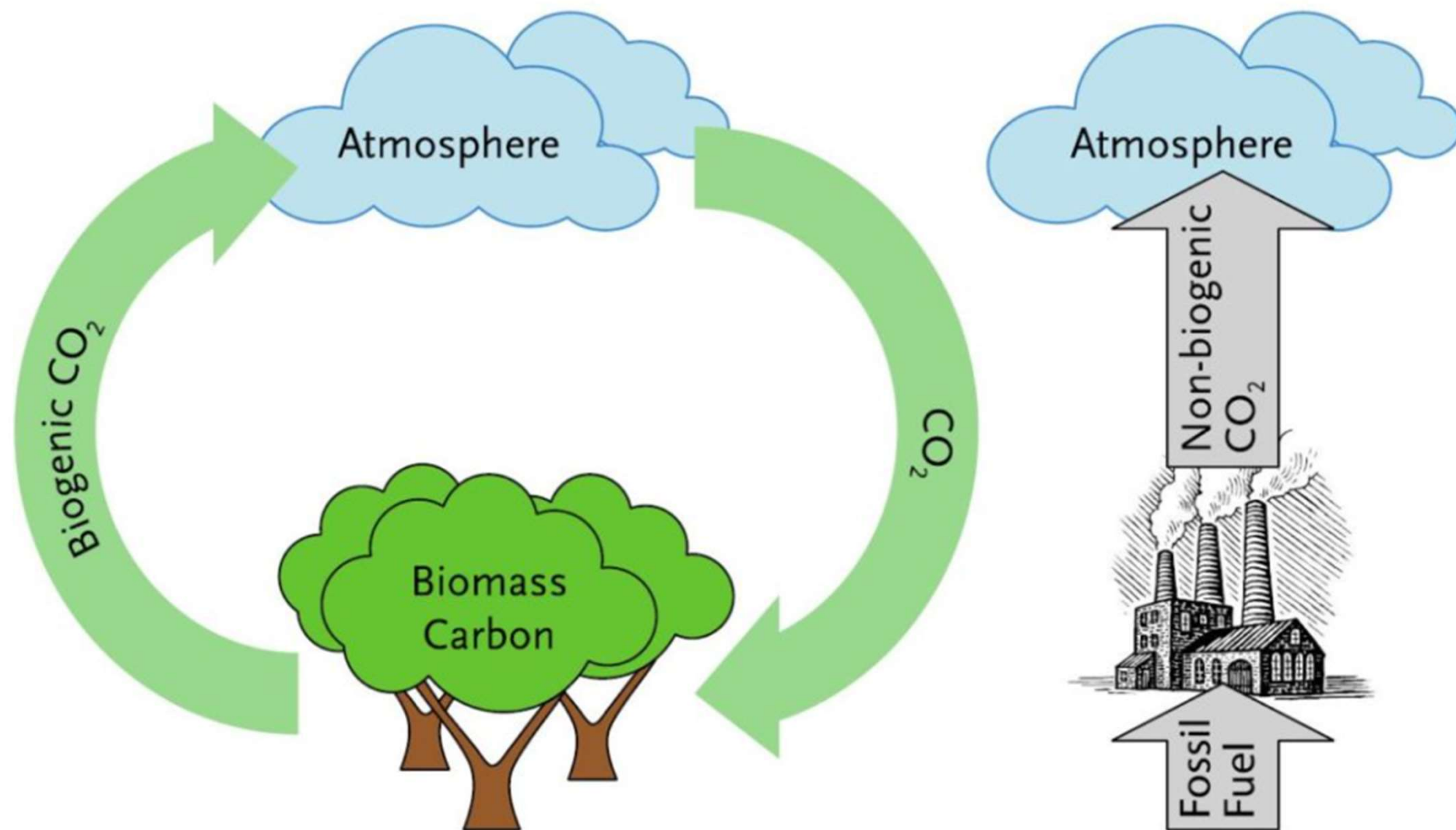
- Plastic pipes **prevent water losses by a factor of 8** and reduce installation costs by up to 60%

Per kg plastics used, on average, 2kg of CO2 emissions are avoided

4 SUSTAINABILITY PILLARS



CLIMATE – WHAT IS HAPPENING



- Millions of years stored CO₂ is entering our atmosphere through Fossil Fuel, causing 1 Degree Celsius Temperature rise on earth since start of industrial revolution

SABIC CARBON NEUTRALITY STRATEGY ANNOUNCED DURING SAUDI GREEN INITIATIVE



"SABIC is uniquely contributing to the SGI goals and taking bold actions that support the Kingdom's ambitions for the circular carbon economy. Our global carbon neutrality strategy reaffirms our commitment to the Paris Agreement goals and the continuous pursuit of solutions that can reduce greenhouse gas emissions"

YOUSSEF AL-BENYAN
VC & CEO

October 23, 2021
6:28 PM CEST
Last Updated 23 days ago

COP26

Saudi SABIC targets carbon neutrality by 2050 - statement

2 minute read

Reuters



Oct 23 (Reuters) - Petrochemicals giant Saudi Basic Industries Corp (SABIC) ([2010.SE](#)) announced plans on Saturday to meet carbon neutrality by 2050, the company said in a statement on the sidelines of the Saudi Green Initiative summit.

SABIC CARBON NEUTRALITY STATEMENT

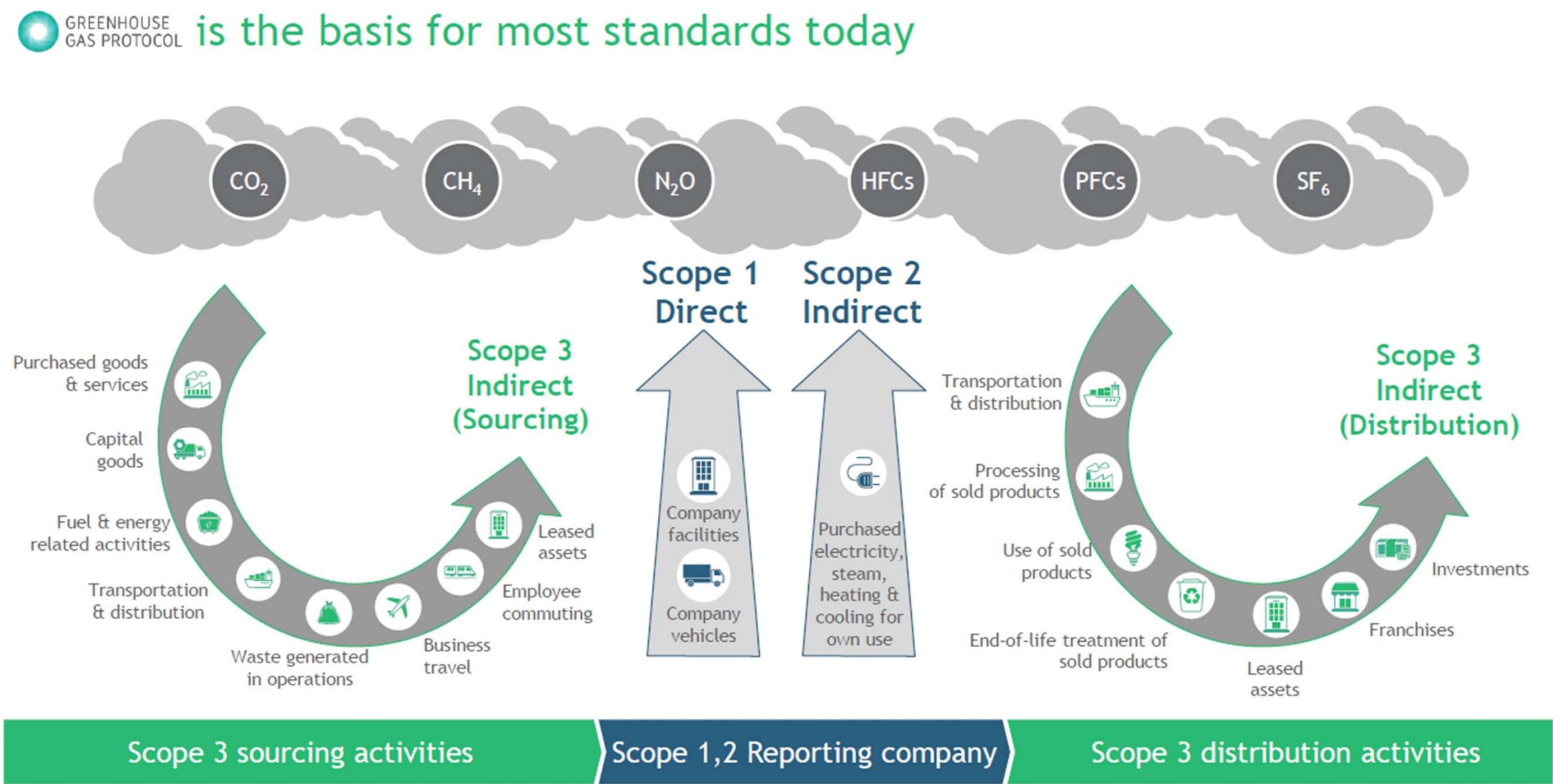
CARBON NEUTRALITY
by **2050**
in line with the Paris Agreement goals

20% REDUCTION by 2030
Interim Scope 1&2 emissions target compared to 2018

We aim to collaborate with our partners in initiatives to reduce indirect **SCOPE 3 emissions** along the value chain

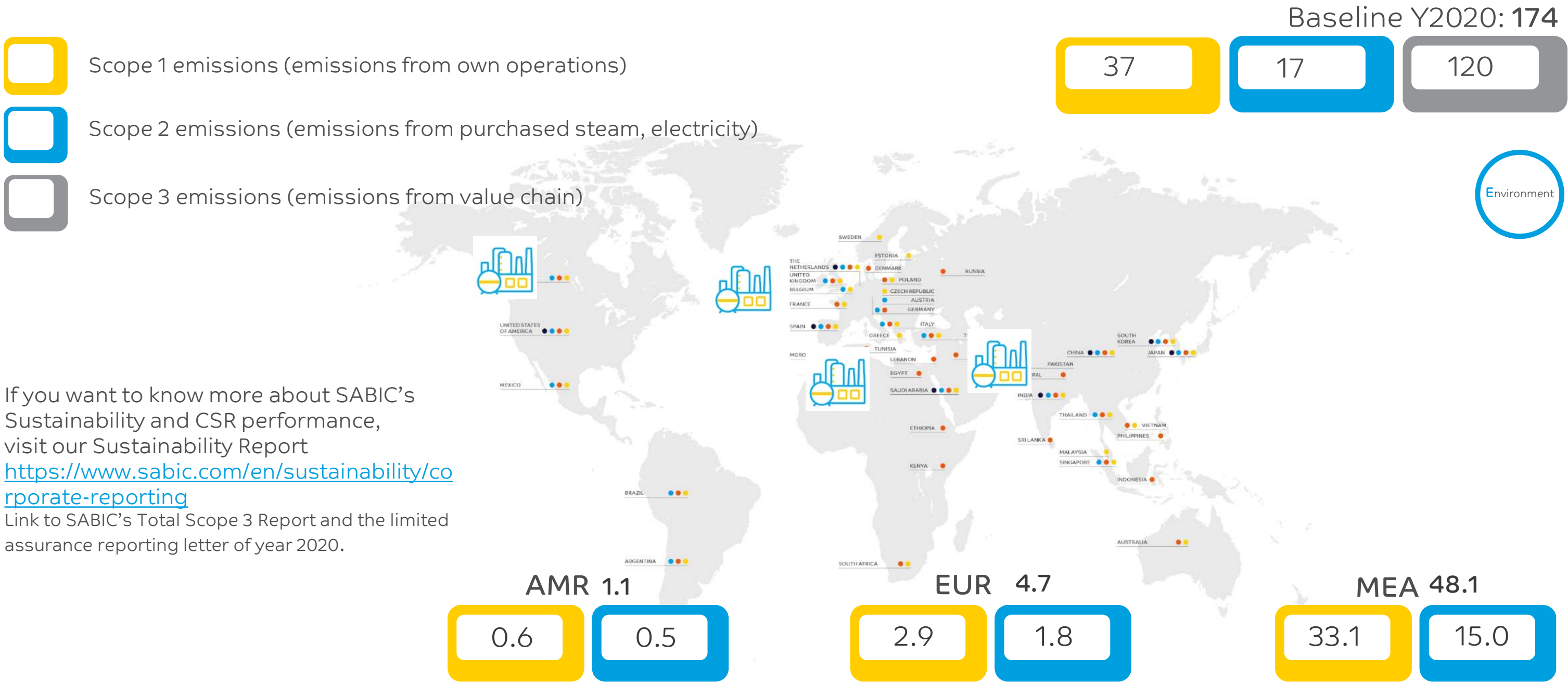
<https://www.reuters.com/business/cop/saudi-sabic-targets-carbon-neutrality-by-2050-statement-2021-10-23/>

SCOPE 1, 2 AND 3 EMISSIONS

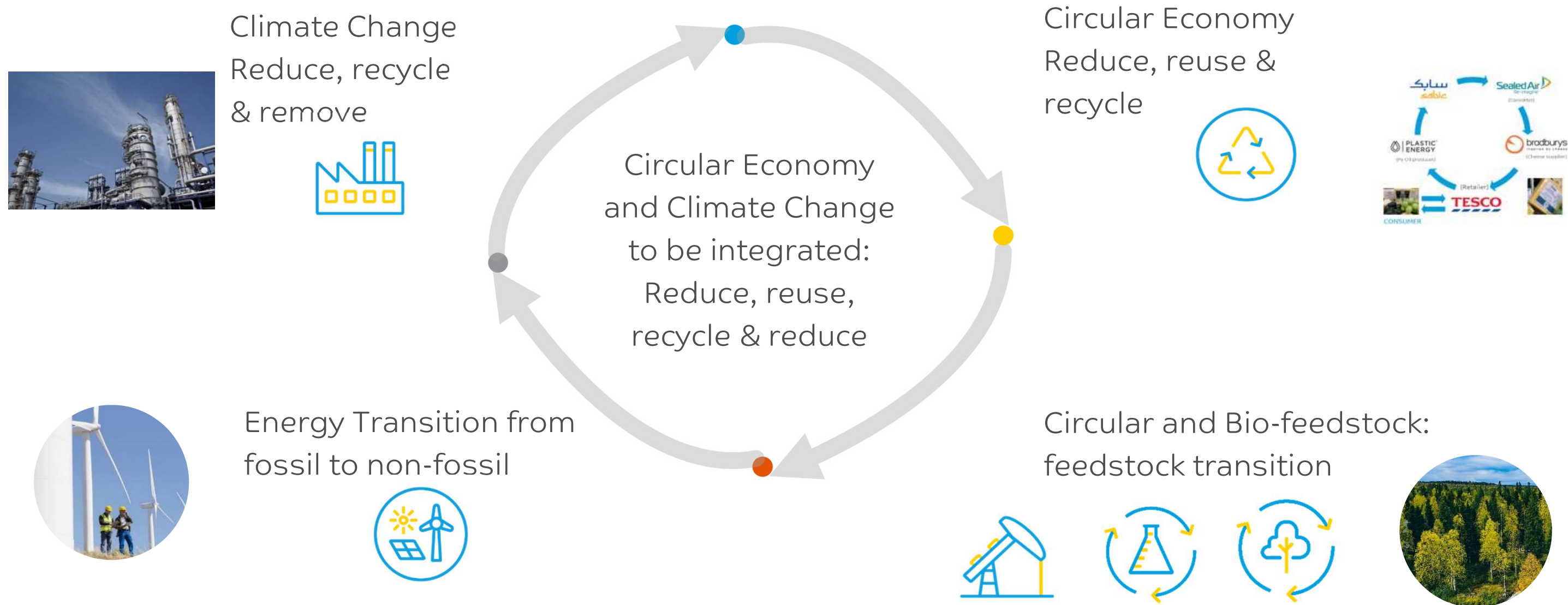


CO₂, Carbon dioxide; CH₄, methane; N₂O, Nitrous oxide; HFCs, Hydrofluorocarbons; PFCs, Perfluorocarbons; SF₆, Sulfur hexafluoride
Source: GHG protocol

SABIC CO2 FOOTPRINT



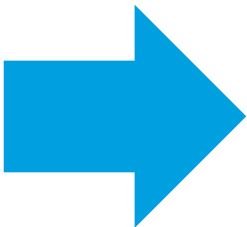
CIRCULAR AND CLIMATE CHANGE DRIVE A SUSTAINABLE CHEMICAL INDUSTRY



➤ Energy and Feedstock Transition will be integrated for a Sustainable Chemical Industry

THINK OF ...

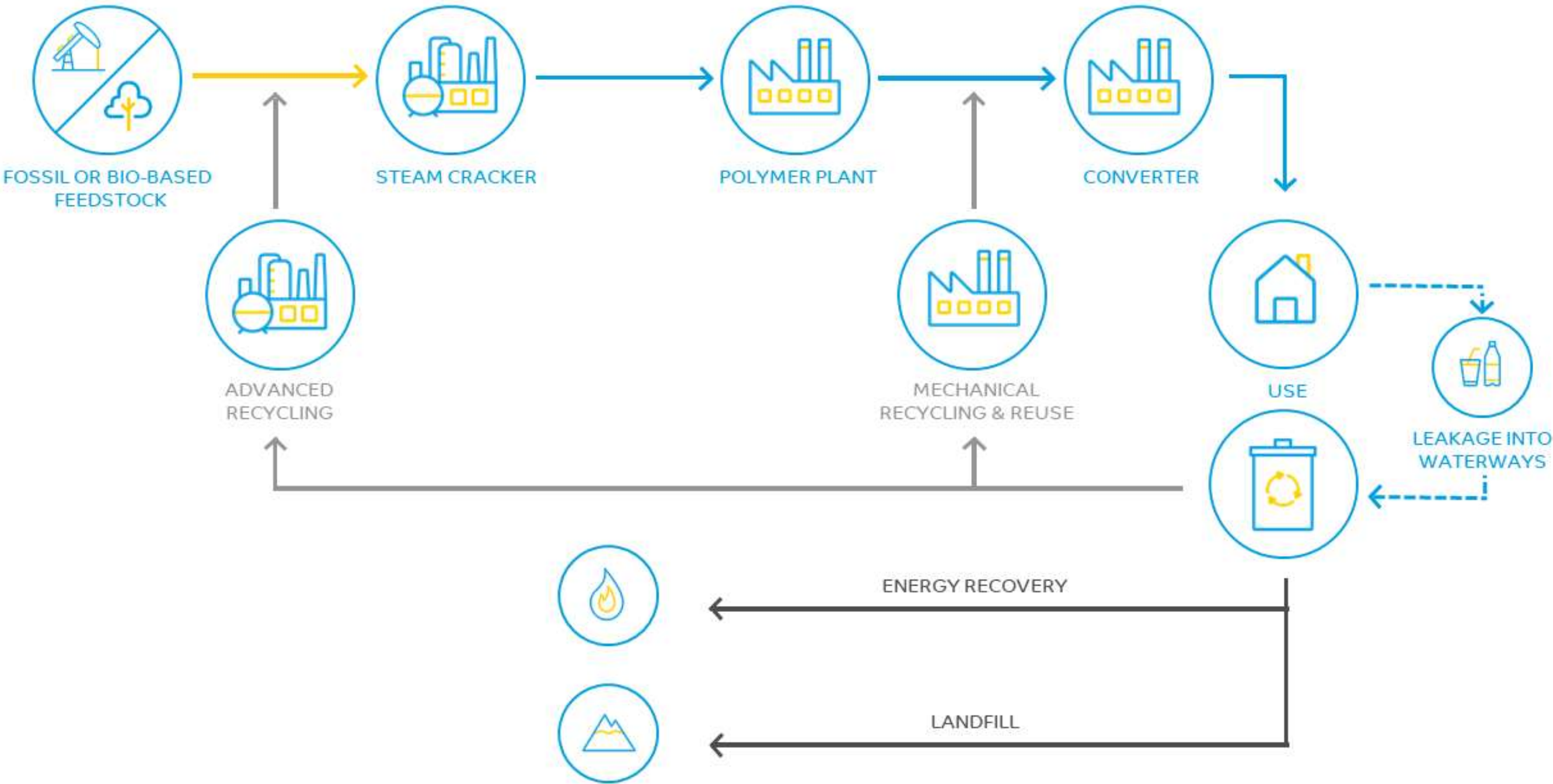
PREVENTING PLASTIC PACKAGING



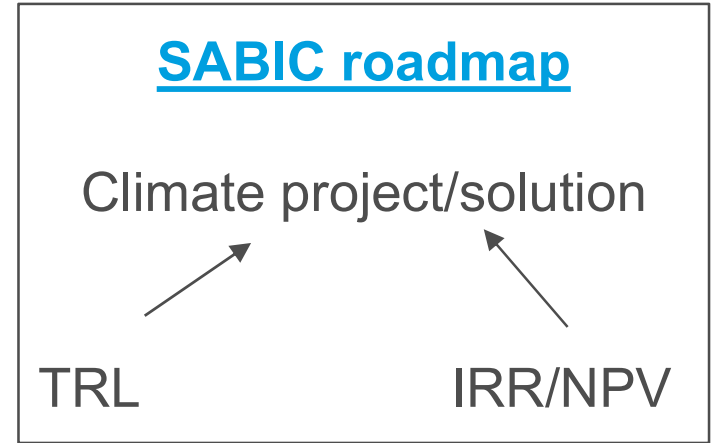
FROM BECOMING WASTE



THE CONCEPT “FROM LINEAR TO CIRCULAR”



CLIMATE TRANSITION COMPLEXITY



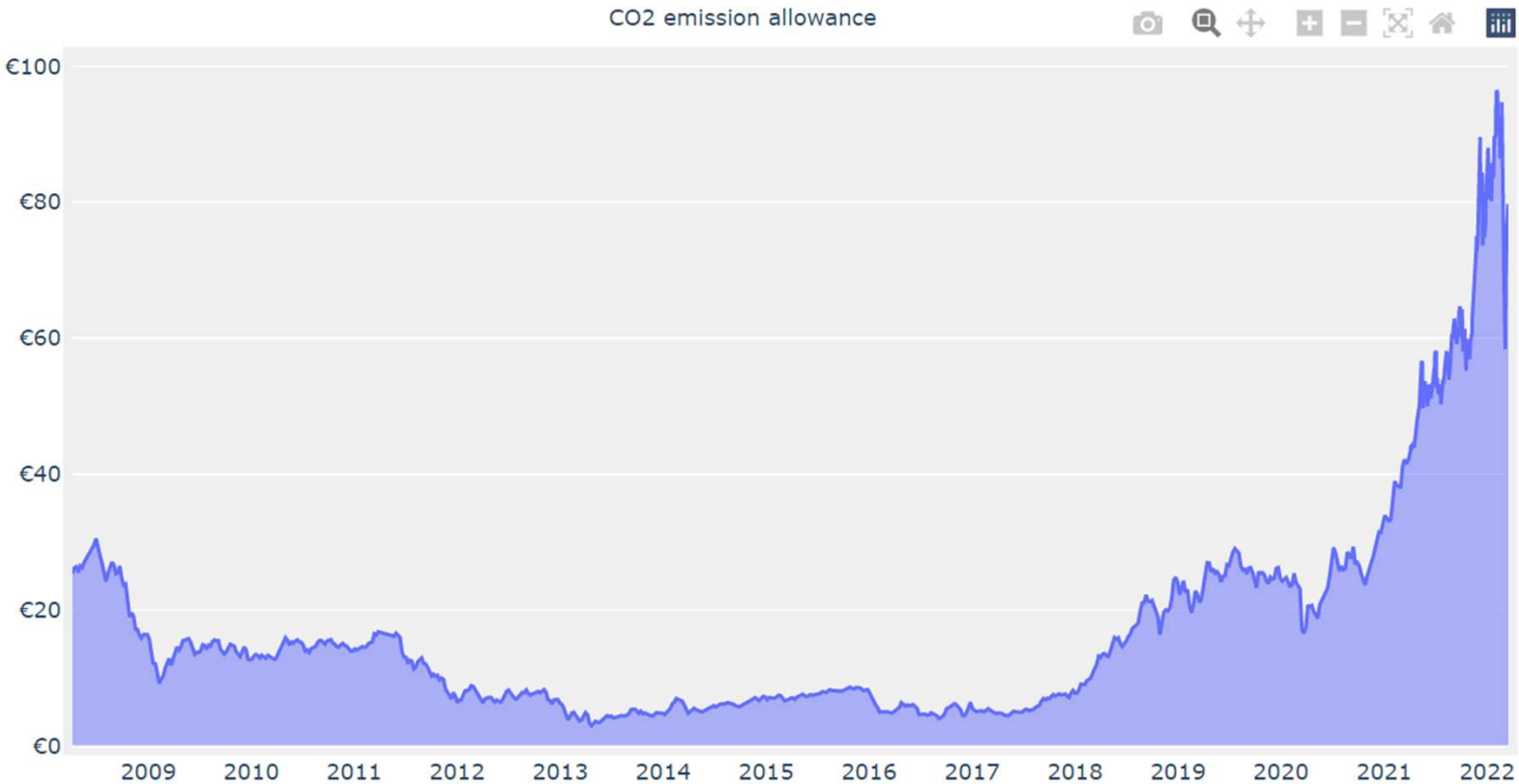
Legislative uncertainties

- Change over time
- Investment uncertainty

Carbon Cost uncertainty

Qualifiers

- Infra-Structure
- Permitting



COOPERATION ON CHEMELOT



- In June 2020 Chemelot released its Strategy 2050
- This document articulates how the site will transform from today grey electricity and fossil feedstock to a future renewable electricity and a combination of circular, renewable and fossil feedstock
- Lighthouse projects from various site users are mentioned including the Chemical Recycling for SABIC as tangible evidence of the transformation



THANK YOU

