Van afvalstoffen naar nieuwe grondstoffen voor bedrijven en projecten

DACE

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Director Materials Renewi

Introduction Jan-Pedro P.M. Vis

Personal

Professional

TU Delft

ORMIT Enjoy talent

DSM

covestro

Benelux waste management market development

Netherlands and Belgium are two of the most circular economies in the world

< 1980's

Landfill

1990's

Separate collection
Organics, paper, glass, …

2000's

Waste to Energy

> 2020's

Circular Economy

The circular economy is aligned with important social trends and business needs

- Circular materials save planetary resources
- Low carbon materials combat climate change
- Collecting and processing waste prevents littering
- Offering good quality cost competitive materials

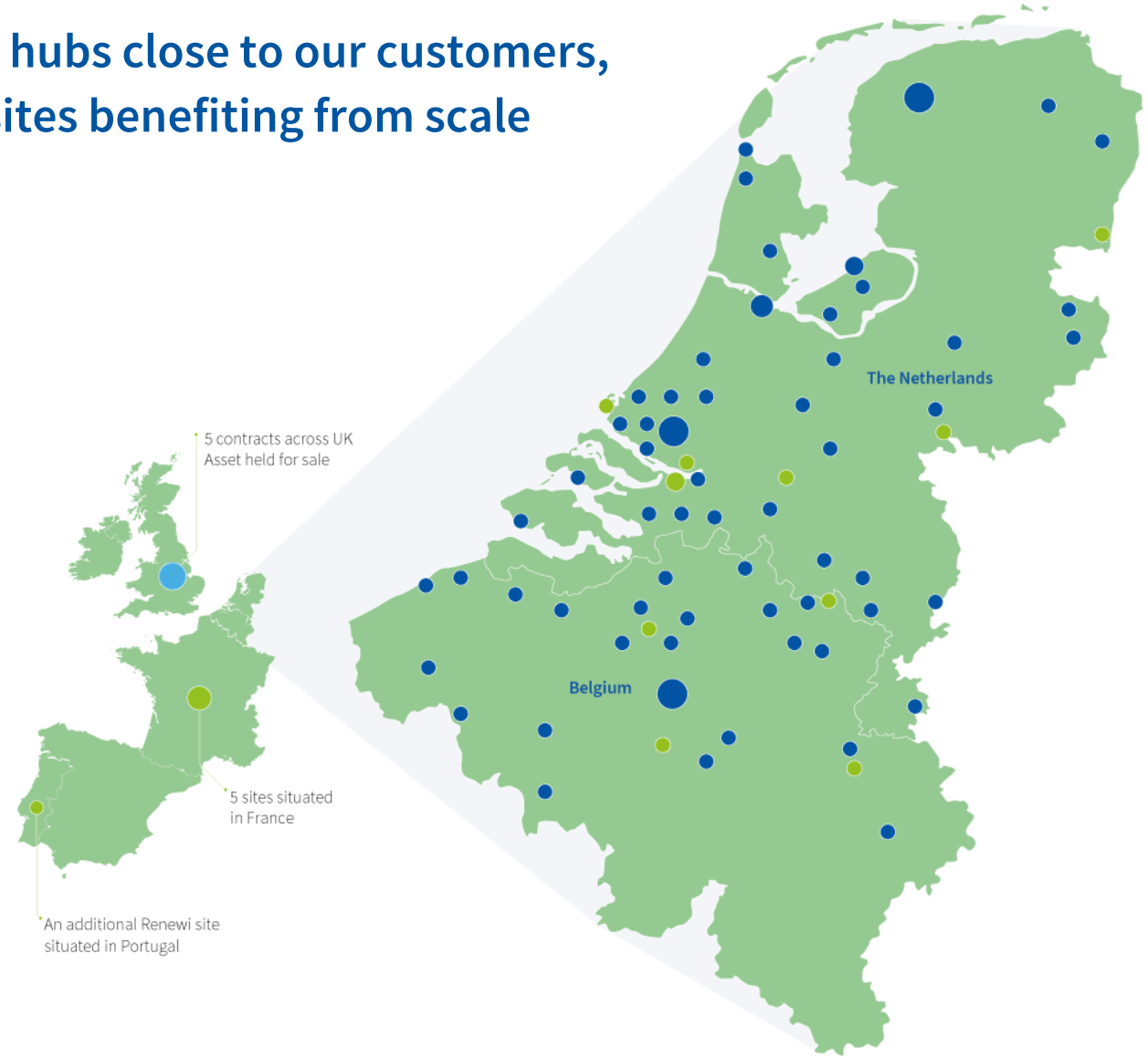
Our operating hubs

Our geographic footprint with hubs close to our customers, and state of the art recycling sites benefiting from scale

- Commercial Waste
- UK, Municipal
- Specialities: Coolrec, Maltha & Mineralz & Water

154

Number of operating sites



Recycling Products

~200kT
Ferrous Metals

~1mT
Glass

~1mT
Water

~100kT
Plastics

~500kT
Paper & Cardboard

~2mT
Construction Materials

~900kT
Wood

1mT
Organics & Compost

Our Waste to Product Journey

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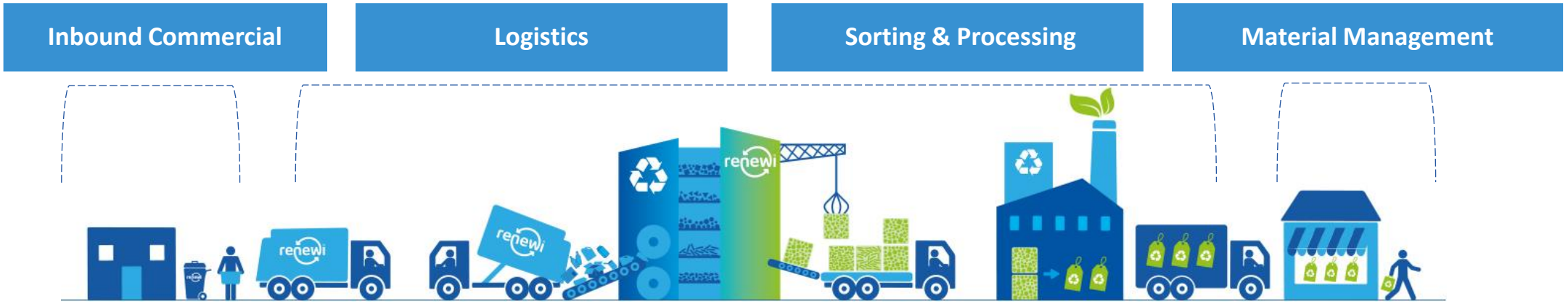
Our organizational set-up

Inbound business (collect waste) and outbound business (circularity) both essential for realizing our vision



Examples of recycling solutions with our partners

RetourMatras

nordsol

Bio-LNG

Peel Pioneers

Plastics

playmobil

Forz Glaze

Wood Use

Plastics Sorting

Unfavourable market in Plastics Recycling

Low plastic prices, low demand and lacking supporting legislation

4 min leestijd

18 november 2024

Terugval Europese plasticproductie bedreigt circulaire ambities

De EU wordt voor plastic steeds afhankelijker van de import uit andere landen, waar vaak minder milieuvoorschriften zijn. Ook daalt voor het eerst de productie van gerecycled plastic.

Healix in Maastricht recyclet onder meer oude visnetten. FOTO: RUUD MORIJN/ANP

CHEMIE

Plasticrecycler Healix zit ook in de problemen

Faillissement Vinylrecycling aangevraagd

Een tweede uitstel door de Raad van State van een uitspraak in de zaak tussen Vinylrecycling en de Inspectie Leefomgeving en Transport was twee crediteuren van het bedrijf teveel van het goede. Zij hebben faillissement van de pvc-recycler aangevraagd.

Van droom naar ondergang: het faillissement van 'Nationaal Icoon' Ioniqa

Grote brand bij plasticverwerker in Roosendaal zorgt voor dikke rookwolken

Door onze nieuwsredactie

7 nov 2024 om 14:58
Update: 5 dagen geleden

25 reacties | Delen

Bij een recyclebedrijf in Roosendaal staat een loods met plastic flessen in brand. Daarbij komen dikke rookwolken vrij, die in de wijde omtrek te zien zijn.

ANDRÉ OERLEMANS 24 januari 2024, 11:00

Drama voor Nederlandse plasticrecycling: Umincorp failliet en andere bedrijven in nood

RTV Drenthe

Curator worstelt met afvoer van miljoenen kilo's plastic na faillissement Emmer bedrijf

Het bedrijf TRH Recycling ging anderhalve week geleden failliet. Een doorstart lijkt er niet in te zitten.

30 Jul 2024


We create fibers out of waste.
Organic Waste → Biobased materials

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Concrete Recycling

VIDEO

Growing demand and availability of concrete debris (Betonpuin) expected based on 3 drivers.

A solution for future construction material shortages.

Resource Shortage for Natural Materials [1]

National sand and gravel extraction will drop by 24% (sand) and 44% (gravel) by 2030, creating a gap in construction materials supply.

Increasing Betonpuin Availability [2 3]

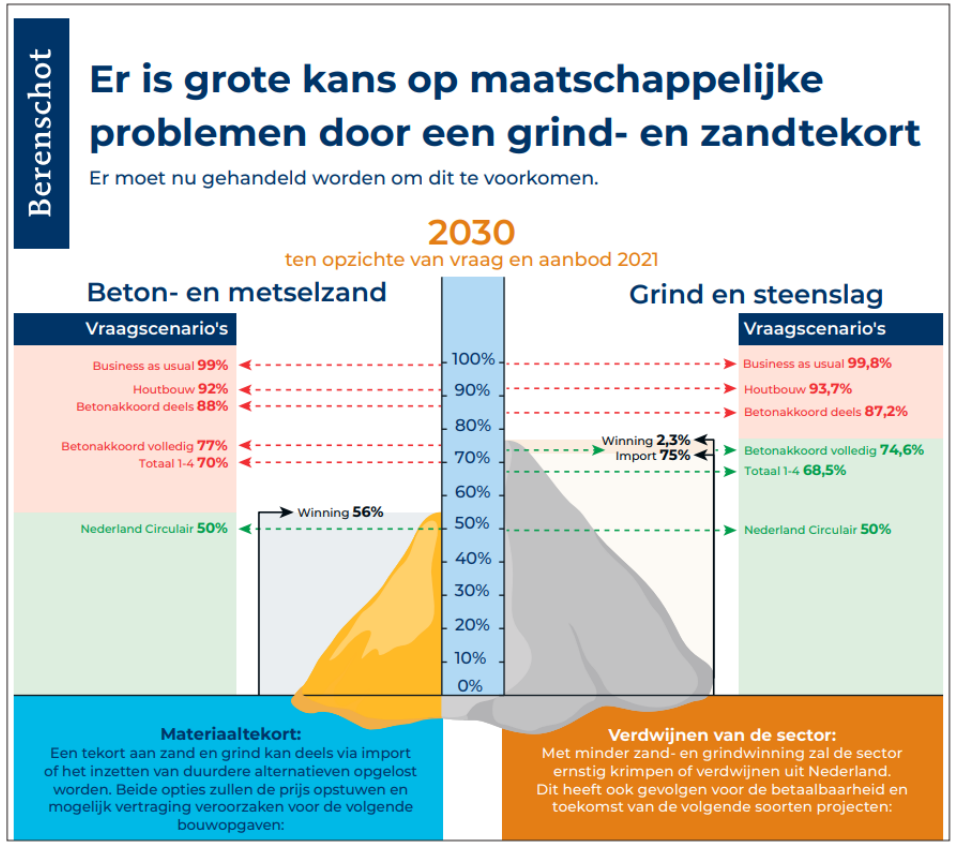
Projected to rise from **1 Mton now to 15 Mton by 2030** due to the anticipated demolition wave as post-WWII buildings reach end-of-life.

Regulatory Changes [3]

New Betonakkoord guidelines reduce use of recycled concrete in road foundations to max 5% by 2030, redirecting betonpuin to other applications.

Urgent Need for Alternatives

With declining natural resources, recycled concrete offers a viable, sustainable solution for future construction needs in the Netherlands.

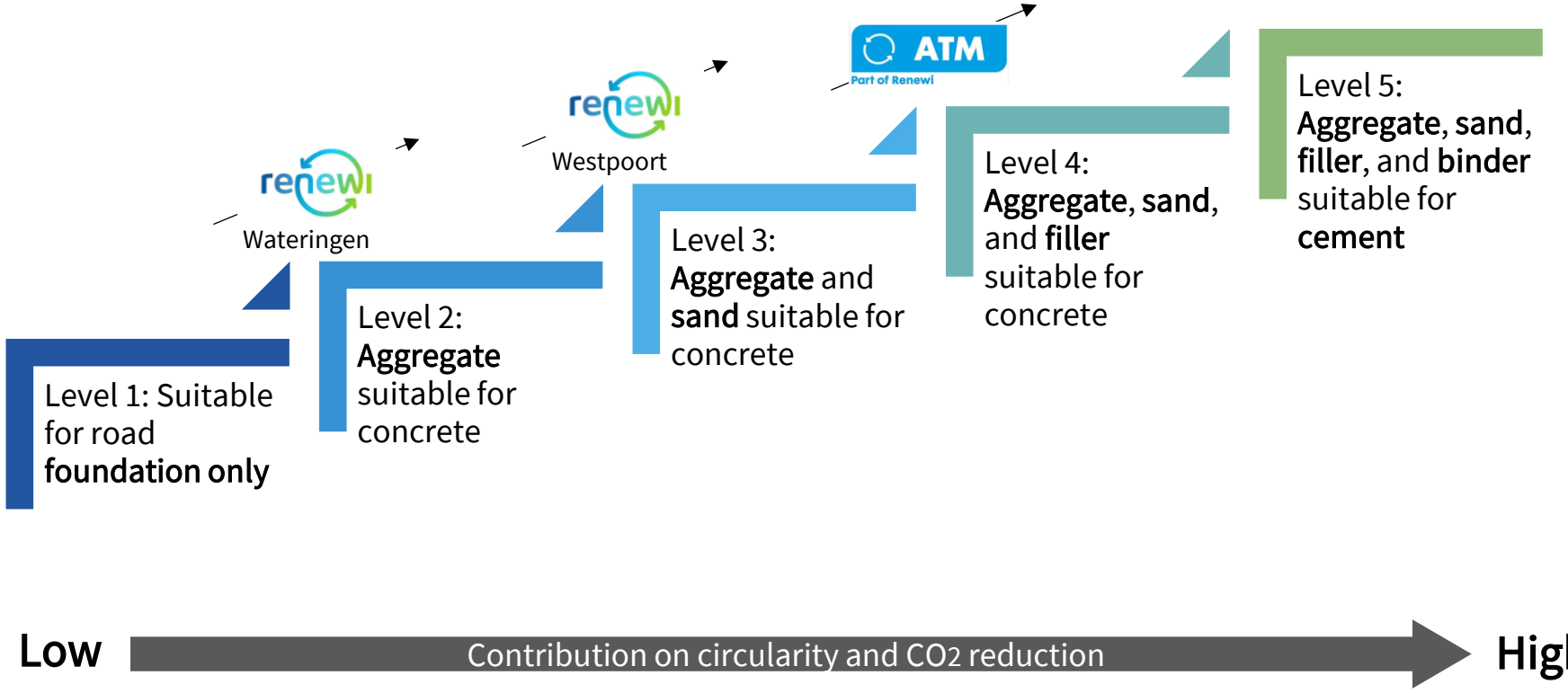


1. Betonvereniging- rapportage Berebschot-Toekomstperspectief zand en grind, 2023
2. Scenariostudie BSA-GRANULATEN aanbod en afzet van 2005 tot 2025, 2006
3. Roadmap Hergebruik Betonreststromen, Betonakkoord, 2021

From low-value to high-value recycling of concrete and minimal outbound prices.

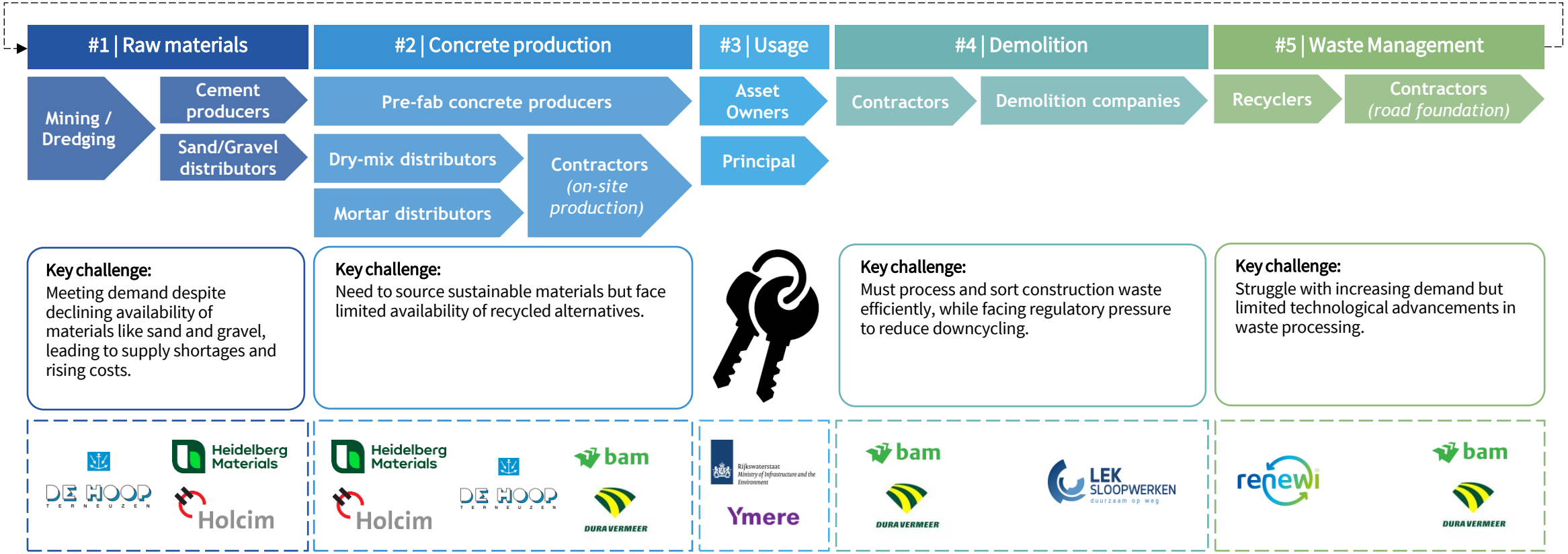
Concrete debris can be processed at various levels for diverse applications.

The 5 Levels of Circular Concrete Recycling (CCR)



The concrete industry must shift towards sustainability to survive.

Asset owners can lead the way by setting sustainable standards for concrete and demolition companies.



Sustainability

Waste to Product Strategy

Renewi's solutions contribute to customer CSRD goals

ESRS E1 climate change

When we reduce our carbon footprint, we reduce <u>your</u> footprint too

Targets & commitment:

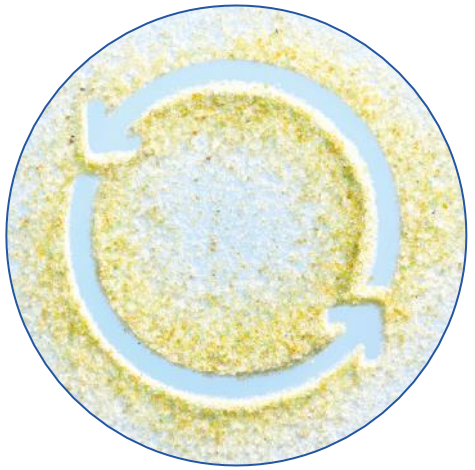
- **Scope 1, 2 50% reduction by 2030 vs. FY22 baseline**
- **Scope 3 25% reduction by 2030 vs. FY22 baseline**

FY24 latest update:

- **-4% yr, on yr,**

ESRS E5 resource use & circular economy

When we improve ciruclarity, we help you to achieve <u>your</u> circularity goals too



Targets & commitment:

- 75% recycling rate
- 1 million tons of innovative secondary materials

FY24 latest update:

- Recycling Rate of 63,2%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