



***KNAUF***

***Sustainability by  
Knauf***

***Build on us.***



# ***Our Goals & How we get there***

# Our Goals



250  
**KNAUF**  
people

Onboard.

Activate.

Empower.

42,500+  
**KNAUF**  
employees

-50%

CO<sub>2</sub> emissions (scope 1 & 2) **by 2032**

-30%

CO<sub>2</sub> emissions (scope 3) **by 2032**

**NET  
ZERO**

CO<sub>2</sub> emissions (scope 1, 2 & 3) **by 2045**

**CIRCULAR  
ECONOMY**

Be a leading actor of the circular economy

**ZERO**

Zero products containing red listed chemicals **as of 2032**

**ZERO**

Zero waste to disposal **as of 2032**

-2%

Water withdrawals **yearly**

# Our Goals



**SCOPE 1**  
Direct emissions



**SCOPE 2**  
Indirect emissions  
(owned)



**SCOPE 3**  
Indirect emissions  
(not owned)

Emissions

# NET ZERO

CO<sub>2</sub> emissions  
(scope 1, 2, 3)  
BY 2045

## -50%

Reduction of CO<sub>2</sub>  
emissions (scope 1 & 2)  
BY 2032

## -30%

Reduction of CO<sub>2</sub> emissions  
(scope 3)  
BY 2032

# Our Goals



Disposal

0

Waste to disposal  
as of 2032

Chemicals

0

Products containing  
red listed chemicals  
as of 2032

Water

-2%

Water withdrawals  
yearly

Circular economy



Be a leading actor of the circular  
economy

# How we get there

**#1** Firstly, we believe in transforming the built environment. And to accelerate our sustainability leadership in the industry we are **continuously innovating to create solutions that reduce the environmental impact of buildings** and make homes more sustainable in future.

**#2** Secondly, **at every step of our operations, we try to do things better** – from naturally recultivating the sources of our raw materials and ensuring the wellbeing of the communities where we operate in, to driving a circular economy **across our plants, supporting our customers, suppliers and partners to adopt the sustainability best practices that will be genuinely world-changing.**

#1



Innovation of solutions

#2



Recultivating sources



Circular economy



Wellbeing of community



Sustainable practices



# ***Best Practices***

# Knauf best practices example

## The world's first 100 % climate-neutral fully recycled gypsum drywall



Circular  
economy



Chiyoda Ute, Japan – Yokkaichi  
Plant

### Concept

A patented process that enables us to recrystallize gypsum from the demolition of buildings to a virgin state to create 100 % climate-neutral gypsum drywall.

### Impact

The board will enable us to offer our customers **100 % sustainable gypsum** products in the future.





# Knauf best practices example

## Dry stucco progress saves energy and costs



Emission



Baltimore, MD, and  
Jacksonville, FL

### Concept

Reformulated product from an alpha stucco to **beta stucco “treated” with liquid additives** which allows product to be made at regional plants with beta stucco capacity.

### Impact

Production of the beta stucco is **30 % less energy intensive** compared to existing continuous wet alpha stucco process. **Cost savings** due to lower raw material costs.



# Knauf best practices example

## Solar power in Argentina



Solar Power



Argentina,  
South America

### Concept

Invested 1,2 Million € in a solar power plant to reduce energy purchases and generate green energy. The panels cover an area of 13,600 sqm.

### Impact

The Knauf plant in Mendoza covers 50 % of its energy consumption through 2,000 solar panels. It thereby saves more than 540 tons of CO<sub>2</sub> per year.



# Knauf best practices example

## Green roofs and walls



Emissions & Energy



Knauf Insulation/  
Green Solution

### Concept

Our green roofs and walls make a difference in urban hotspots, being five times lighter than classic green roofs, suitable for water storage during drought and for mitigating flooding during heavy rains.

### Impact

Normal roofs emit 5 - 6 kg CO<sub>2</sub> per sqm, while our roofs emit less than half: 2 kg CO<sub>2</sub> per sqm. Also, energy demand for cooling is reduced by 10 - 20 %.

