

# Corporate Climate Neutrality

Why and how can companies achieve it. Best case practices and examples from Vertis's portfolio.

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Head of Corporate Climate Action



# ABOUT VERTIS

20 years  
in the carbon market

1,300+  
clients worldwide

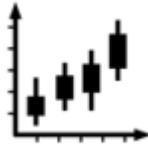
20+ million  
tonnes of CO2 reduced

1+ billion  
credits and allowances traded

450+  
offsetting projects

*Our mission is to inspire and empower businesses  
to make the transition to a low carbon economy.*

Vertis offers a solutions-based approach for companies to act on climate change. It is aimed at industrial corporations who want to go beyond compliance obligations or for companies who are seeking to integrate sustainability into their business.



**ENVIRONMENTAL  
COMMODITIES**



**GREEN FINANCE  
CONSULTING**



**CARBON  
OFFSETTING**



**ENERGY  
EFFICIENCY**



**PROJECT  
DEVELOPMENT**



**CARBON FOOTPRINT  
CALCULATION**



**ENVIRONMENTAL  
CONSULTING**



**RENEWABLE ENERGY  
ENERGY/ PPAS**

# WHY ACT ON CLIMATE?

**FUNDAMENTAL**



**COMPLIANCE**



**ECONOMICAL**



# KEY CONSIDERATIONS

## FOR BUSINESS LEADERS



**PREPARING FOR  
REGULATORY CHANGE**



**IMPROVING REGIONAL  
PERCEPTIONS**



**RE-ALIGNING TO  
INDUSTRY SHIFTS**



**DRIVING COST AND  
ENERGY EFFICIENCY**



**GENERATING NEW  
DEMAND**



**IMPROVING  
TALENT ATTRACTION**



**DIFFERENTIATING THE  
CORPORATE BRAND**



**ENGAGING WITH  
INVESTORS AND BUSINESS  
PARTNERS**

# CARBON NEUTRALITY

**MEASURE**

**REDUCE**

**COMPENSATE**

# MEASURE

## SCOPES OF CARBON FOOTPRINT CALCULATION



### SCOPE 1

Greenhouse gas emissions from sources that are owned or controlled by a company.



Company facilities



Company vehicles

### SCOPE 2

Greenhouse gas emissions resulting from electricity, heat, or steam purchased by a company.



Purchased electricity, steam, heating and cooling for own use

### SCOPE 3

Greenhouse gas emissions from sources not owned or directly controlled by a company but related to the companies activities.



Purchased goods and services



Waste generated in operations



Leased assets



Investments



Franchises



Fuel and energy related activities



Business travel and commuting



Transportation and distribution



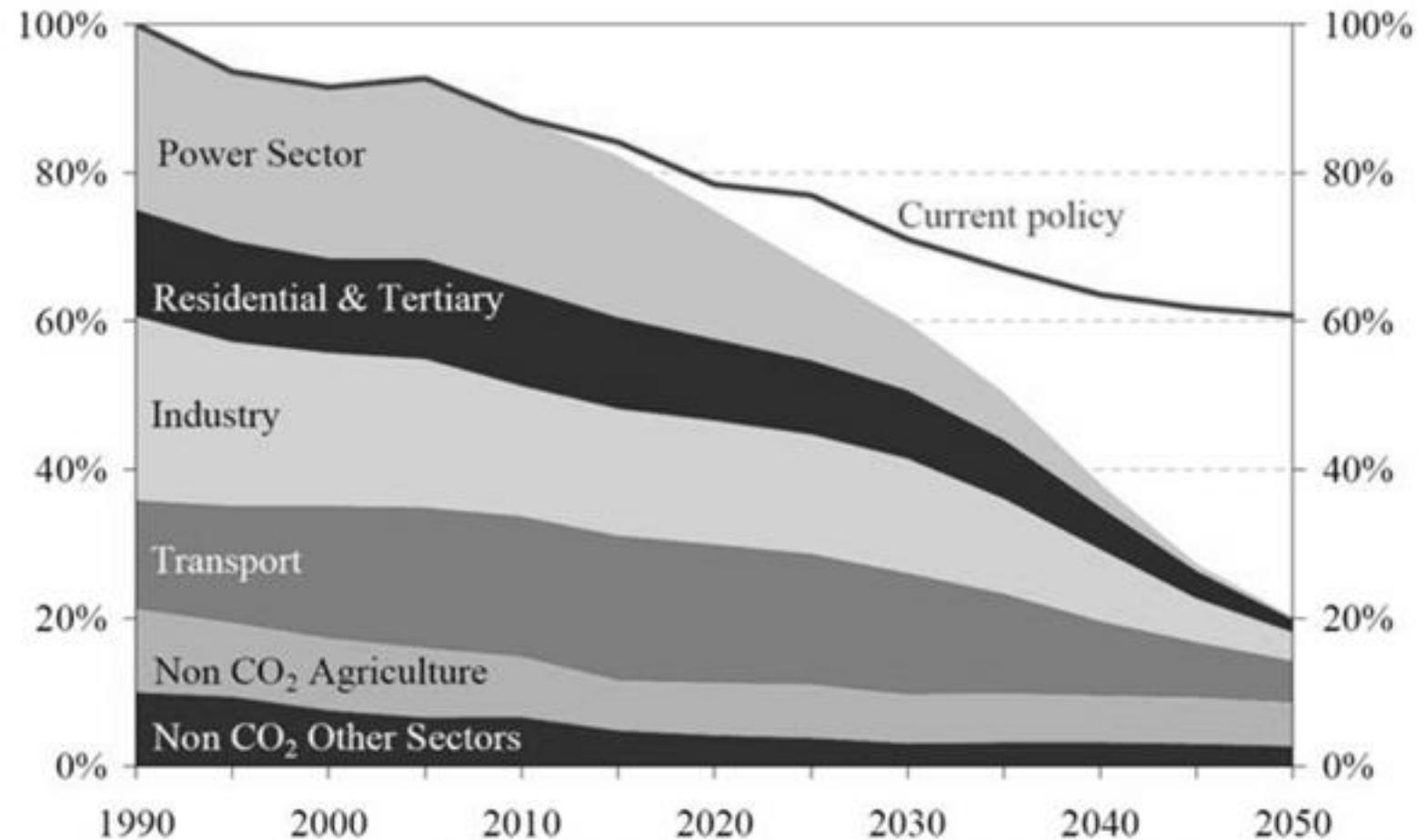
Processing of sold products and use



End of life treatment of sold products

# REDUCE

# MITIGATION PLAN



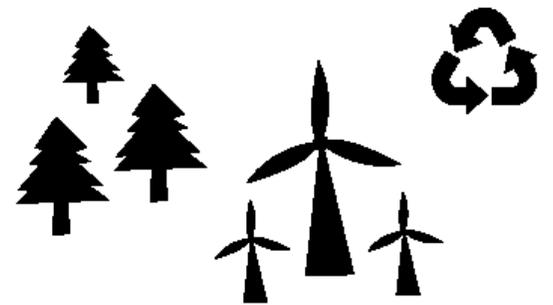
# COMPENSATE

# CARBON OFFSETTING



**CARBON NEUTRAL**

**CARBON OFFSETS**  
are the only international  
recongized way to reduce global  
warming pollution to ZERO.



## CARBON EMISSIONS

Industrial/Utility/Vehicle Emission  
and Clearcutting Forests



## CARBON OFFSETS

Forest Management,  
Reforestation, Alternative Energy,  
Methane Recapture, Conservation



**TELEKOM**

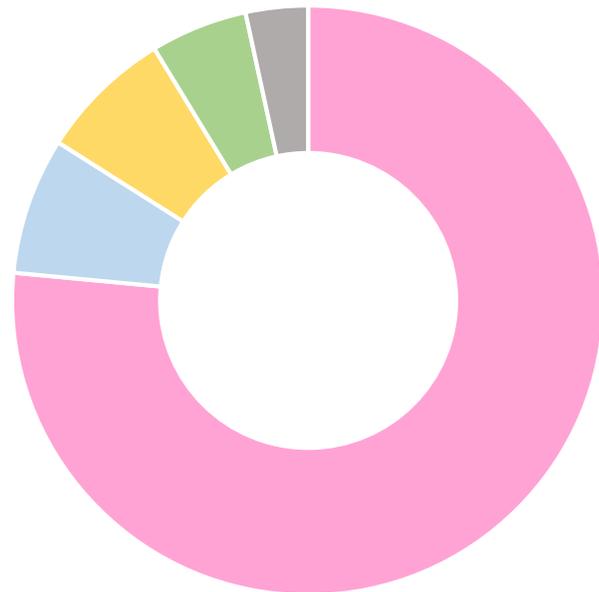
**CARBON NEUTRAL  
SINCE 2015**



# MEASURE & REDUCE



CO2 IMPACT (TCO2)	2013	2014	2015	2016
DIRECT & INDIRECT ENERGY CONSUMPTION	110,654	103,778	51,084	41,717
TOTAL CO2 EMISSIONS	111,877	104,884	52,019	42,591
CARBON OFFSETTING	-3,520	-17,135	-52,189	-50,000
CUMULATED CO2 EMISSIONS	108,358	87,749	0	0



- ELECTRIC ENERGY
- NATURAL GAS
- FUEL DIESEL
- FUEL GASOLINE
- OTHER

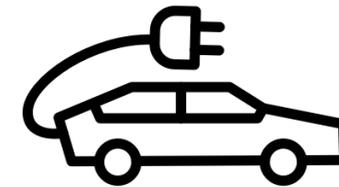
## ENERGY AND TRANSPORTATION MEASURES

40k EUR pa    Doubled    3.2 million

SAVED ON ENERGY EFFICIENT DATA CENTERS



SHARE OF ELECTRIC CARS



KM TRAVEL SAVED



# COMPENSATE



## WIND & SOLAR RENEWABLE ENERGY PROJECT

The project developer planned the installation of Wind and Solar Power Projects. The total installed capacity of the project is 27.20 MW; which involves operation of 18 Wind Turbine Generators with total capacity of 22.20 MW & 1 Solar power plant with total capacity of 5.00 MW located at Rajasthan and Maharashtra in India.



SOLAR POWER



WIND POWER

### TECHNOLOGY

In wind power generation, wind is converted into mechanical energy and subsequently into electrical energy. The technology is an environment friendly since there are no GHG emissions associated with the electricity generation. For solar part, the proposed PV project will use crystalline silicon based solar PV modules.

### BENEFITS

There is no consumption of any fossil fuel and hence it does not lead to any greenhouse gas emissions. The electricity would be generated through sustainable means without causing any negative impact on the environment.

### SPECIFICATION

Credit Type  
VER  
Standard  
VCS  
Crediting period  
2013-2023  
Country  
India  
Yearly Reduction (Co2-e t)  
47 055

### SUSTAINABLE DEVELOPMENT GOALS



### RESULTS AND IMPACTS

The project would enhance availability of power to the local industries, agriculture and commercial activities in the vicinity of the project area by augmenting power supply to the grid. It also contributes to the economic sustainability around the plant sites, which is promotion of decentralisation of economic power.

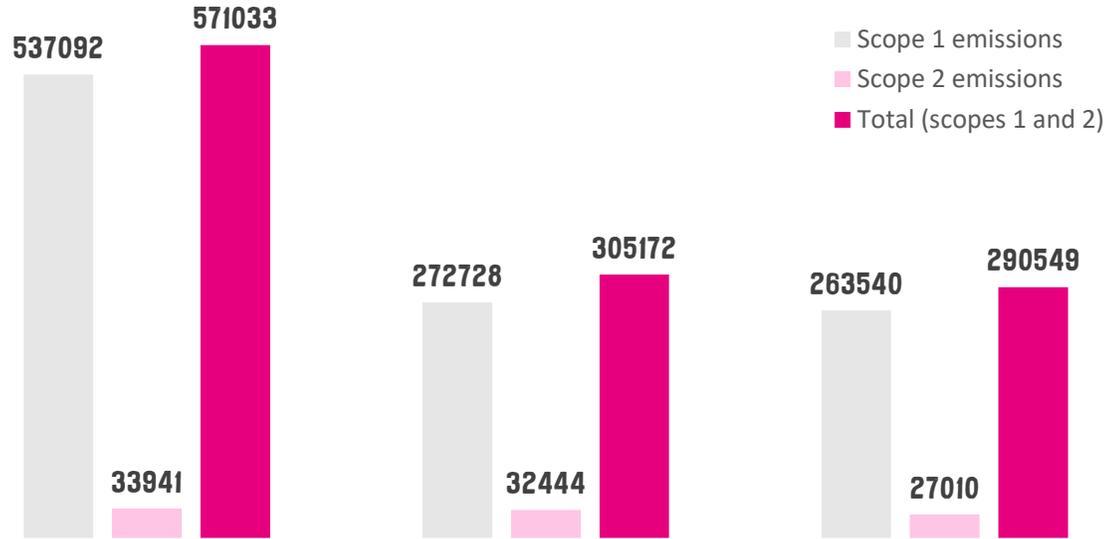


**ENAGAS**

**GOING BEYOND  
COMPLIANCE**

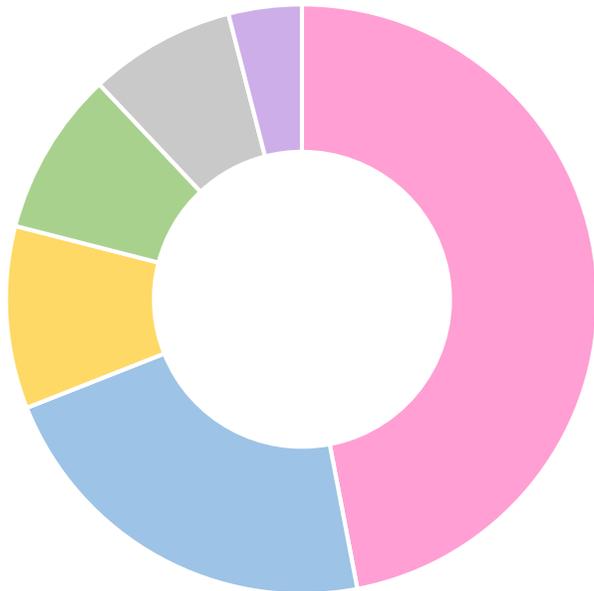


# MEASURE & REDUCE

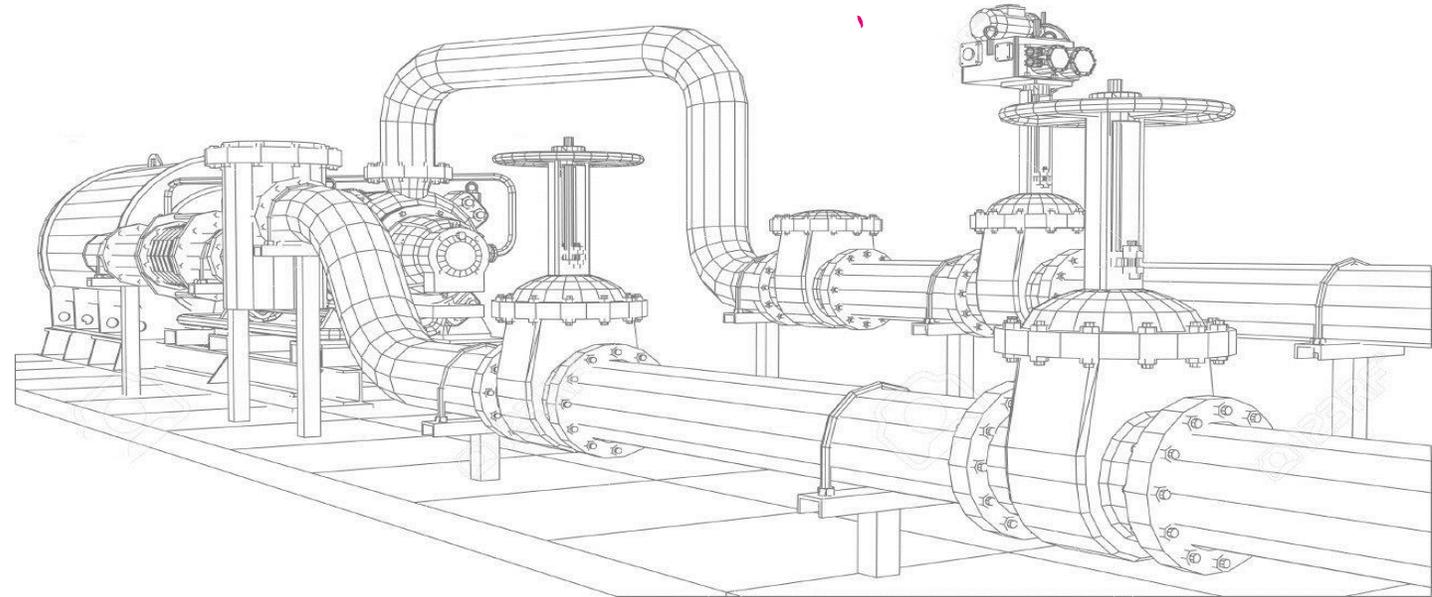


## BEYOND COMPLIANCE

- OFFICES
- EMPLOYEE AND BUSINESS TRAVELS
- REGASIFICATION STATIONS



- NAT. GAS COMPRESSOR
- FUGITIVE NAT. GAS
- NAT. GAS VENTED
- ELECTRICITY
- NAT. GAS BOILERS
- OTHERS



# COMPENSATE



## CORDILLERA NATIONAL PARK REDD PROJECT

### PROJECT OVERVIEW

Peru's Cordillera Azul National Park is a natural protected area created in 2001 with a core zone totalling 1.35 million hectares and a buffer zone of 2.3 million hectares.

It protects the entire, contiguous range of biological communities from dwarf vegetation at the mountain crests to the tall rainforests along lowland rivers. The unusual geological formations with acidic soils, the large number of unique species and species assemblages, and the abundance of game birds and large mammals, all point to the high conservation value of the project area.

The project's primary objective is to prevent deforestation in Cordillera Azul National Park by focusing on:

- Protecting the park.
- Building local capacity for sustainable land use and improving the quality of life in the buffer zone communities.
- Strengthening relationships with local, regional and national government agencies.



REFORESTATION

### TECHNOLOGY

This project protects a vast expanse of vegetation with native species. No invasive, non-native, or genetically modified species will be used or introduced into the park as part of this project. The protected area includes intact forests from the lowlands (at 300 meters) to mountain peaks (at 2,400 meters) and protects an eastern outlier of the Andes that has been isolated sufficiently long for massive speciation to occur.

### BENEFITS

The park protects landscapes important for the traditional cultural identity of indigenous people. Project activities will ensure the continuation of the ecosystem services provided to the communities by the project area, allow communities to meet their basic needs in a sustainable manner and allow for the project area to continue providing the ecosystem services needed for communities to retain their traditional cultural identities.

### SPECIFICATION

Credit Type  
VCU  
Standard  
VCS  
Crediting period  
2008-2028  
Country  
PERU  
Yearly Reduction (Co2-e t)  
1 575 268

### SUSTAINABLE DEVELOPMENT GOALS

<p>4 QUALITY EDUCATION</p>	<p>8 DECENT WORK AND ECONOMIC GROWTH</p>
<p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p>	<p>13 CLIMATE ACTION</p>
<p>15 LIFE ON LAND</p>	

### RESULTS AND IMPACTS

The project will increase:

- Net income for community residents from project-related employment.
- Environmental awareness through school-based and informal education programs.
- Empowerment to protect community resources through community-based models.
- Improvements in infrastructure at communal level will lead to more sustainable use of natural resources and lead to self sufficiency. Estimated GHG emission reductions or removals (tCO2e) during 20 years crediting period are around 16 million tones of CO2-e.



**ESSITY**

**TACKLING DOWNSTREAM  
EMISSIONS**





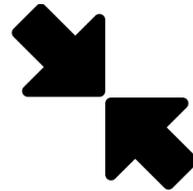
# Green Distribution Program

designed by: VERTIS 2050

# Objectives of the green distribution program



**LEVEL UP ESSITY'S CLIMATE LEADERSHIP BY CLIMATE ADVOCACY BEYOND ITS OWN OPERATIONS**



**INSPIRE AND EMPOWER ESSITY DISTRIBUTORS TO INCORPORATE CLIMATE ACTION INTO THEIR BUSINESSES**



**PROVIDE PRACTICAL GUIDANCE TO CLIMATE ACTION FOR ESSITY DISTRIBUTORS**



# STRATEGIC PROGRAM PILLARS



## Advocacy

Understand the need and find business case for climate action

- Change the Legacy Workshop
- Essity Green Distributor Award Launch



## Assessment

Understand opportunities to improve business and save costs

- Essity Green Program Webinars
- Essity distributors carbon footprint survey
- Program monitoring plan



## Action

Provide guidance, tools and expertise while taking action

- Customized mitigation plans for each distributor
- Customized consultancy on emission mitigation, green financing and offsetting initiatives



## Award

Demonstrate impact, reward achievements, highlight efforts

- Clear and measurable criteria achieved
- Communication campaign with media and social media involvement

**WHY**

**HOW**

# KPIs of the program

## ADVOCACY

- # of distributors joining the program
- # of webinar participants

## ASSESSMENT

- # of distributors with carbon footprint calculation
- # of distributors with monitoring plan in place

## ACTION

- # of distributors with mitigation plan in place
- tCO<sub>2</sub> avoided
- EUR saved
- MWh reduced
- tCO<sub>2</sub> neutralized/offsetted

## AWARD

- # of awards distributed
- # of social media post and responses

# VERTIS 2050

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