

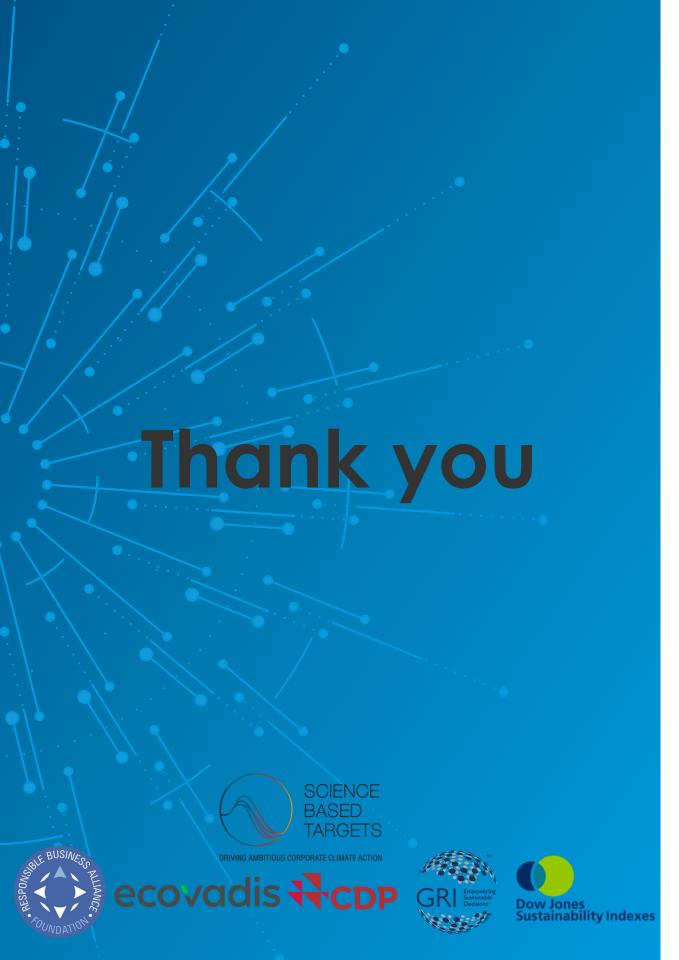
Flex has adopted greenhouse gas emissions reduction targets necessary to meet the Paris Agreement goals, limiting global warming to 1.5°C above preindustrial levels.



In order to support <u>Flex's 2030 goals</u>, the supplier sustainability team launched a GHG emission reduction program with our preferred suppliers and in partnership with CDP (formerly known as the Carbon Disclosure Project) to help us achieve our GHG emission reduction goals.





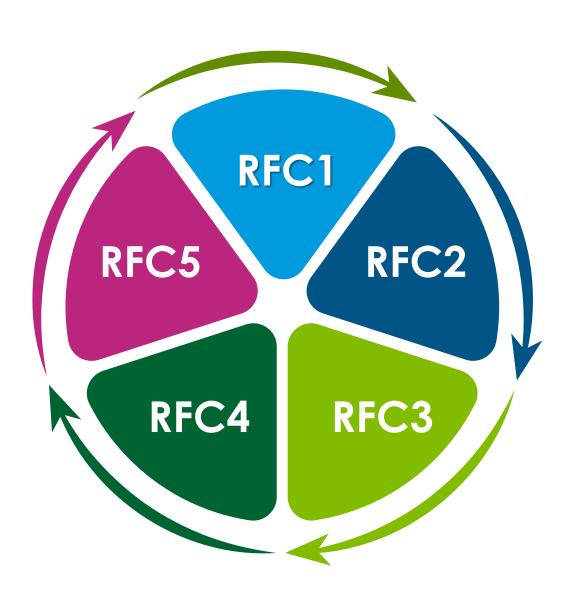


At Flex, part of our mission is to make products that contribute positively to the world and steward sustainable manufacturing and operations practices to minimize environmental impact. Our suppliers play a critical role in not only helping Flex deliver on our commitments, but also to advance our ongoing sustainability journey.

We aspire to leverage where we are in the value chain for good, share learnings as well as best practices, and create opportunities to collaborate in the spirit of sustainability. To do so, we have created a greenhouse gas emissions reduction initiative as part of our broader supplier sustainability program.

Reasons for Concern

Risk level transitions for climate change at 1.5°C



RFC1 Unique and threatened systems

 Artctic sea-ice dependent ecosystems

Unsects projected to lose 50% of

geographic range

- Reduced habitability of small islands
- Increased endemic species extinction

RFC2 Extreme weather events

- Increase in fluvial flood
- Soil moisture droughts

- Agricultural and ecological droughts
- Crop failure
- Malnutrition and risk of disease

RFC3 Distribution of impacts

- Crop failure in maize up to 40%
- Flood risk in Asia and Africa

 High risk of mortality and morbidity due to Heat extreme and infectious diseases

RFC4 Global aggregate impacts

- 10% decrease in effective labor
- 24% exposure global flooding
- Reduced marine food provisioning
- Decline in oceane animal biomass

RFC5 Large-scale singular events

- Sea level rise yp to 3.1 m
- Risk of savannisation of the Amazon



Companies included in this initiative

This program applies to <u>all companies</u> from all sectors, including, but not limited to:

- Manufacturing
- Distributors
- Brokers
- Service industries
- Office-based organizations
- Etc.

All companies generate emissions (e.g., by purchasing electricity or driving vehicles) and we all have improvement areas in our daily operations where we can reduce our emissions and environmental impact.





What are Greenhouse Gas Emissions?

Greenhouse gases (GHG) Trap heat from the sun and warm the planets surface, creating a greenhouse effect and allowing life on earth.

Primary anthropogenic sources of GHG emissions are the burning of fossil fuels for electricity, heat and transportation; and even land-use change, or agriculture.



Mobile combustion



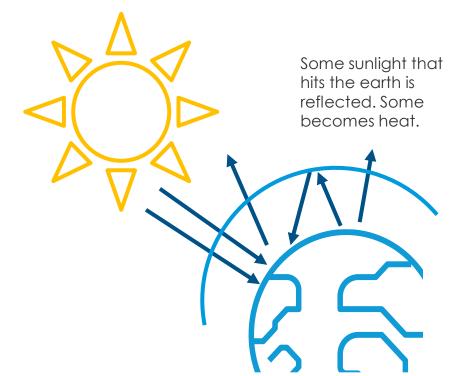
Purchased electricity/power plants



Agriculture

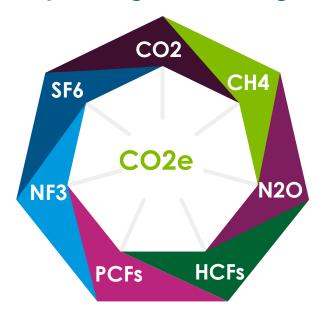


Stationary combustion



CO2 and other gases in the atmosphere trap heat, keeping the earth warm.

Some examples of greenhouse gases:



Note: All industries including manufacturers, distributors, services provides, and office-based companies have GHG emissions; so, they apply in this initiative.



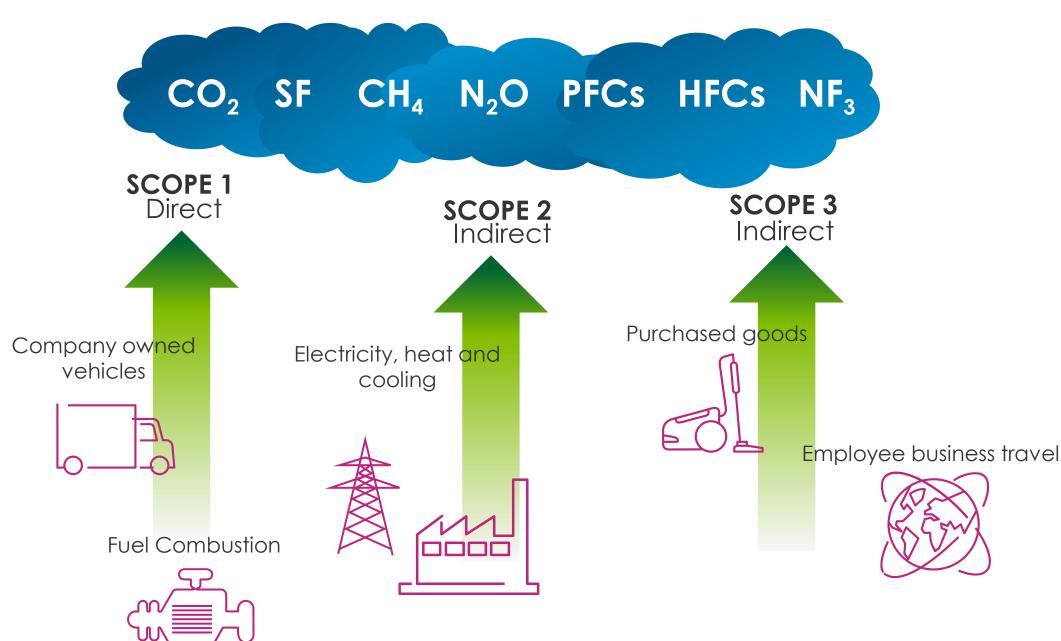
What does Scope 1, 2 and 3 mean in GHG emissions?

When talking about **GHG emissions** these are categorized in "Scopes" to have a better understanding of where the emissions are coming from.

Scope 1 Direct emissions from fuel combustion and refrigerant leakage from company facilities and vehicles.

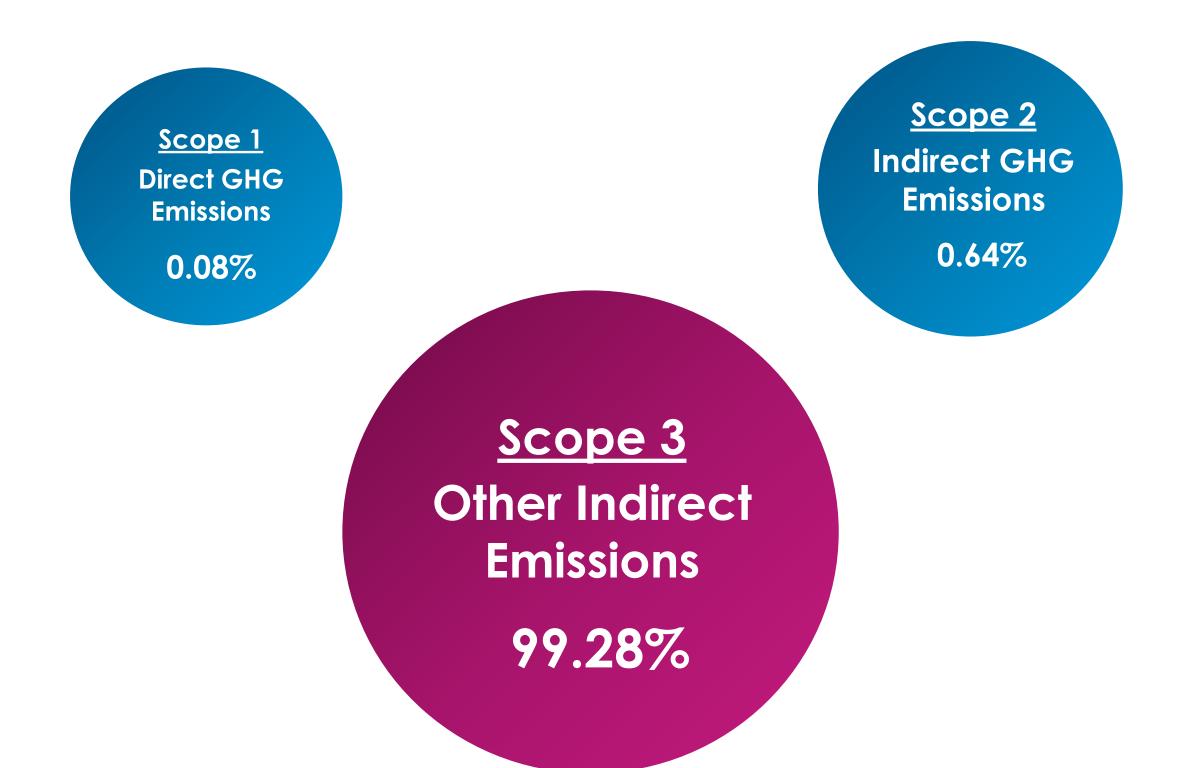
Scope 2 Indirect emissions from the purchase of electricity, steam, heat, and cooling.

Scope 3 Indirect emissions from a company's value chain (e.g., purchased goods and services, use of sold products).





Flex's emissions allocation





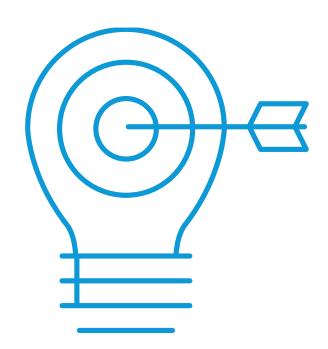
Emissions reduction targets



What is an emissions reduction target?

It's the reduction percentage that a company has defined for their Green House Gas emissions.

These targets help the organization to reach sustainability goals, these targets can impact areas such as financing, business and new opportunities such as clients.





Why do we need targets?

"Business leaders have a crucial role to play, by putting nature at the core of their processes and decision-making and systematically identifying, assessing, mitigating and disclosing nature-related risks to avoid severe consequences"

World Economic Forum, Nature risk rising why the crisis engulfing nature matters for business and the economy.



Importance of setting targets



Measure and reduce environmental impact and benchmark impact against peers



Propose collaborative opportunities and increase value from customer relationships



Identify cost savings and areas to improve operational efficiency



Identify risks and opportunities and communicate risk management practices



Demonstrate transparency and operational competence to your customers



How to start identifying and setting your targets?





Elements of an emission reduction target

BASE YEAR

The year you will take as a starting point to reduce your emissions

TARGET YEAR

Year in which you aim to achieve it, the date must be higher than the current year



% OF REDUCTION

Percentage of emissions that will be reduced, this percentage is free to choose according to the scope of the provider.

EMISSION SOURCE

In can be by scopes: 1, 2 and/or 3, business units, facilities or geographies



Types of Emissions Targets

Type	Explanation	Example units		
ABSOLUTE	Total quantity of greenhouse gas emissions emitted	Tons CO ₂ e reduced		
INTENSITY	Compares the emissions to some <u>unit of</u> economic <u>output</u>	$\frac{Tons\ CO_2e}{Revenue\ /\ product} reduced$		



Examples of Emissions Targets

Absolute Target:

• Flex commits to reduce absolute scope 1 and 2 GHG emissions 50% by 2030 from a 2019 base year.

Intensity Target:

Flex commits to reduce <u>company-wide Scope 1+2(location-based) CO2e emissions</u> by at least <u>10%</u> normalized to revenue <u>by 2020</u> from a <u>2016 base year.</u>

- **Emission source**
- % Reduction
- Target year
- Base year





In order to have a structured target, the following elements are required in your disclosure:

Absolute target (C4.1a):

- 1. Scope(s)
- 2. Covered emissions in base year (metric ton CO2e)
- 3. Target year
- 4. Targeted reduction % from base year
- 5. Target Status

Intensity target (C4.1b):

- 1. Scope(s)
- 2. Intensity Metric
- 3. Intensity Figure in base year
- 4. Intensity Figure in reporting year
- 5. Target year
- 6. Target reduction %
- 7. Target Status



Flex Excel GHG Emissions Tool

		(C4.1) Did you have a (C4.1)	n emissions targ 在此报告年中·	get that was active in the reporting year? 您是否有有效的排放目标?	'		
		ABSOLUTE: Total quantity of greenhouse gas emissions emitted		Units example: Tons CO ₂ e reduced 减少的二氧化碳当量排放吨数			
		nic output	Units example: $\frac{Tons\ CO_2e}{Revenue\ /\ product}$ reduced	少的 <u>二氧化碳当量排放吨数</u> 营业额/产品数量			
Question (Mandatory questions are marked with an asterisk ")		Your answer	Notes 注释	Location in the CDP questionnaire CDP问卷中的位置			
		Scope(s) of your taget* 范围*	Scope 1范围—				
	_	Base Year 绝对目标	2020	The year you will take as a starting point to reduce your emissions. 您设定的作为废气减排起点的年份,作为对比减排目标的参照年份			
Ī	ABSOLUTE TARGET 绝对目标	Is your base year the same year you reported in the "Env Tab" of this file?	Yes 是		(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.		
	OLUTE	Covered emissions in base year (Metric ton CO2e)* 所有选定范围中目标覆盖的基准年排放(公吨CO2e)*	297.96	If you answered "Yes" in the previous columns and filled the env template tab it will autopopulate.	(C4.1a) 请提供您的绝对排放目标和针 - 对这些目标的进展的详情。		
	ABS	Target year* 强度目标*	2025	Year in which you aim to achieve it, the date must be higher than the current year. 您设定的目标达成的年份	20还空口你的还做的叶頂。		
		Targeted reduction % from base year* 基准年减排百分比 *	50.00	% of reduction (0-100) 百分比字段[输入0-100的百分比,最多保留2位小数]	_		
		Target Status in reporting year* 报告年的目标状态 *	Underway 正在进行	Select the option that applies from the dropdown list 请从下方下拉菜单选项中选择			
ļ		Scope(s) of your taget* 范围*	Scope 2 范围二				
3		Base Year 绝对目标	2020	The year you will take as a starting point to reduce your emissions. 您设定的作为废气减排起点的年份,作为对比减排目标的参照年份			
provide		Is your base year the same year you reported in the "Env Tab" of this file?	Yes 是				
Data to	ENSITY TARGET 强度目标	Intensity Metric* 强度指标*	Metric ton CO2e ł Revenue in USD	Please write the units used; it is usually units of CO2e/revenue or another unit of business activity 请您写公吨CO2e/单位活动			
5		Insert your businness activity metric from your base year (matching the denominator units of the "Intensity Metric" row; i.e. USD revenue, tons of product, kWh, etc).	5,768.00		(C4.1b) Provide details of your emissions intensity target(s) and progress made against those target(s).		
	ENSITY 强原	Intensity figure in base year for all selected Scopes	N NN3293912	If you answered "Yes" in the previous columns and filled the env tempolate tab it will autopopulate. Otherwise divide the	(C4.1b) 请提供您的排放强度目标和针 对这些目标的进展的详情。		





GHG Emissions Template guide.pdf



Target Questions:

Greenhouse Gas Emissions Data & Energy Usage



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C0 Introduction

C1 Governance

C2 Risks and opportunities

C3 Business strategy

C4 Targets and performance

C5 Emissions methodology

C6 Emissions data

C7 Emissions breakdown

C8 Energy

C9 Additional metrics

C10 Verification

C11 Carbon pricing

C12 Engagement

C15 Signoff

SC Supply Chain

Scope 1 – Greenhouse gases that your company emits (C6.1)



Company Facilities



Company Vehicles

Scope 2 – Greenhouse gases that others emit due to your energy use (C6.2 & C6.3)



Purchased electricity, steam, heating & cooling, for own use

Scope 3 – Everything else (C6.5)







Product use



Employee commuting



Target Questions: Greenhouse Gas Emissions Data



MODULES

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C15 Signoff

SC Supply Chain

Reporting emissions is **best practice** and a pre-requisite to understanding and reducing negative environmental impacts.

Target Questions: C5.1 & C5.2(a)

- Provide your base year and base year emissions (scopes 1 and 2).
- Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate scope 1 and scope 2 emissions.

Target Questions: C6.1, C6.2, C6.3, C6.5, & C6.10

- Scope 1 and scope 2 GHG emissions
- Account for your scope 3 GHG emissions
- Provided an emissions intensity figure



Target Questions: Targets and Performance



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SC Supply Chain

Target setting provides direction and structure to environmental strategy. Providing information on quantitative targets and qualitative goals, and progress made against these targets, can demonstrate your organization's commitment to improving climate-related issues management at a corporate level. It also helps Flex understand your ambition levels for reducing your greenhouse gas emissions in the future.

▼Target Questions: C4.1(a-c)

Details on GHG emissions targets (absolute and/or intensity)

Target Questions: C4.2

- C4.2a: provide details of your target(s) to increase low-carbon energy consumption or production including renewable energy targets
- C4.2b: provide details of any other climate-related targets

▼Target Questions: C4.3(a-d)

NDetails on GHG emissions reduction initiatives



Target Questions: Greenhouse Gas Emissions Allocation & Energy Usage



MODULES

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SC Supply Chain

Emissions located in the supply chain are around four times as high as those trom direct operations. Allocating your emissions provides further context to buyers regarding the procedures adopted and/or actions taken by their suppliers.

Target Questions: C8.2, C8.2a & C8.2e

- Report which energy-related activities your organization has undertaken and the consumption that comes from renewable sources
- Report energy consumption accounted for at a zero or near-zero emission factor in the market-based Scope 2

Target Questions: SC1.1 & SC1.2

- Allocate emissions to Flex, describe challenges, and reporting capabilities
- Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate scope 1 and scope 2 emissions.

Your responses to the Supply Chain module are visible only to Flex regardless of whether you elect to make your CDP response private or public

Target Questions: SC1.2



Allocate based on the proportion of total revenue represented by Flex

Formula for allocating emissions to Flex based on revenue

Allocated GHG Emissions Revenue of products/services purchased by Flex

Total revenue of products/services produced

Total GHG Emissions for Scope 1*or* Scope 2

Working example of allocating emissions to Flex based on revenue

US\$200,000,000 total revenue

250 metric tons of CO2_e allocated to Flex

US\$500,000 revenue from Flex

X

100,000 tons of CO2_e (Company-wide Scope 1 GHG emissions)



Renewable Energy Targets

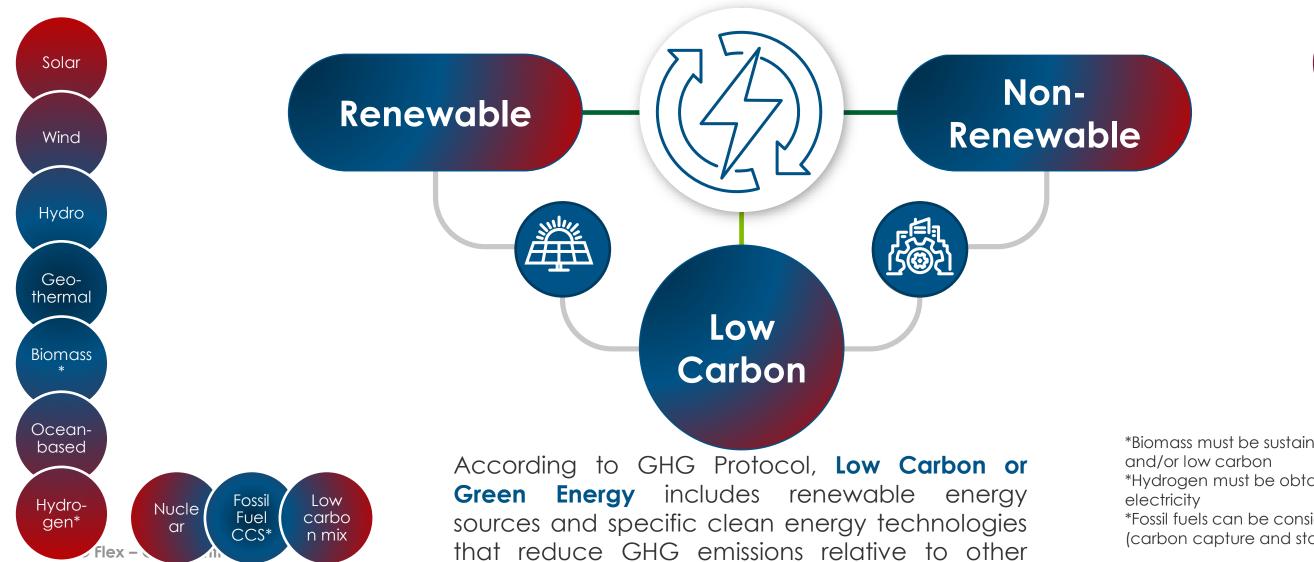


Energy sources

Renewable, non-renewable and low carbon energy.

According to GHG Protocol, **renewable energy** are fuels and energy obtained from sources that are ultimately replenished from natural solar and gravitational energy flows.

Non-renewable energy are fuels and energy obtained from sources that will not be replenished in our lifetime.



sources of energy.

*Biomass must be sustainable in order to be renewable and/or low carbon

Fossil

fuels

- *Hydrogen must be obtained through renewable electricity
- *Fossil fuels can be considered low carbon if a CCS (carbon capture and storage) is used

Energy carriers

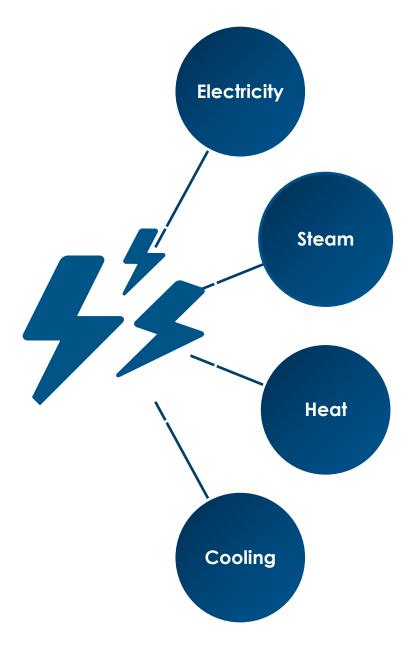
Renewable energy targets in CDP

An energy carrier is defined as a **transmitter of energy**, these occupy intermediate steps in the energy supply chain between primary sources and end-use applications.

Each energy-conversion step in the supply chain creates **energy** losses and carbon emissions.

Carriers are the secondary energy, meanwhile **resources are the primary energy**, such as, oil, natural gas, biomass, hydro, radiation, etc.

An end-use application will gather the processes in which the secondary energy (carriers) will be used, such as manufacturing, transportation, industrial services, etc.



Energy carriers considered for CDPs RE Targets. flex

Energy target (C4.2a)

In question C4.2a CDP will request an **energy target**, regarding low carbon and/or renewable energy.



This target could be aligned to an emission reduction target or initiative, such as RE100 or SBTi.

A single organization can have more than 1 energy target due to a change in coverage, energy carrier, target amount and year.

^{*}All energy-carriers must be selected

Renewable energy target

Example

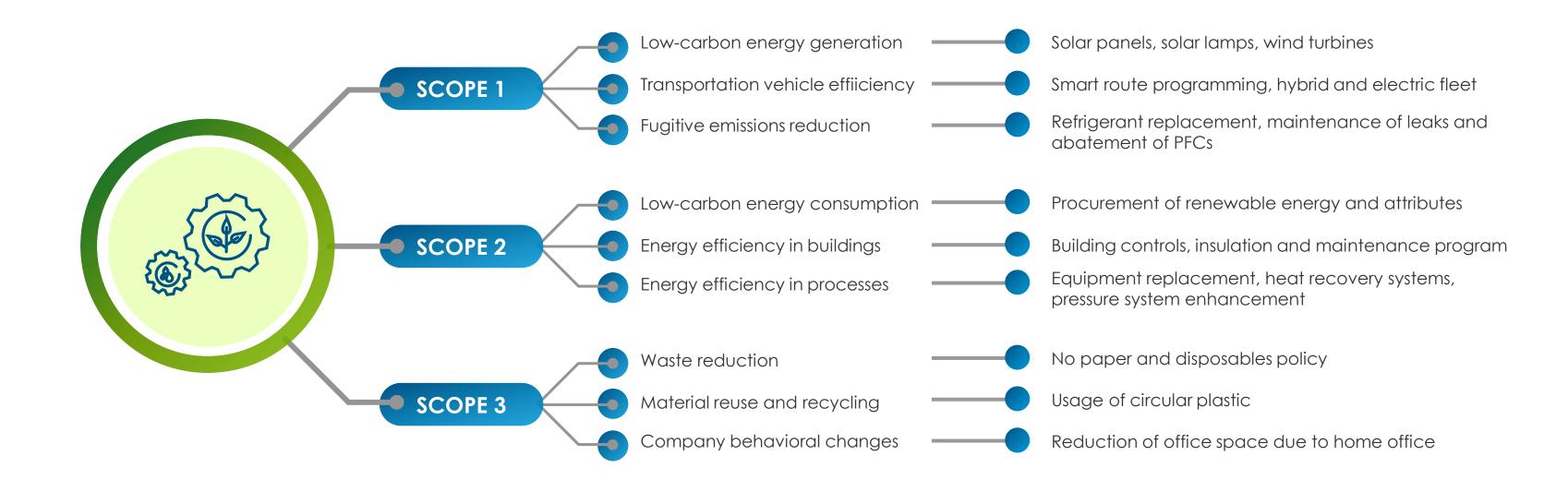
CDP analyzes your data in order to consider the maturity and validity of your target, this is an example of a complete input data.

CDP Valid RE Target

- 1 Year target was set: 2020
- 2 Target coverage: China
- **Energy carrier:** All energy carriers
- 4 Activity: Consumption
- 5 Source: Renewable energy
- Base year data: 2019 (year), 0MWh (RE consumption), 0% (RE Share)
- 7 Target year data: 2030 (year), 350,00MWh (RE consumption), 100% (RE Share)

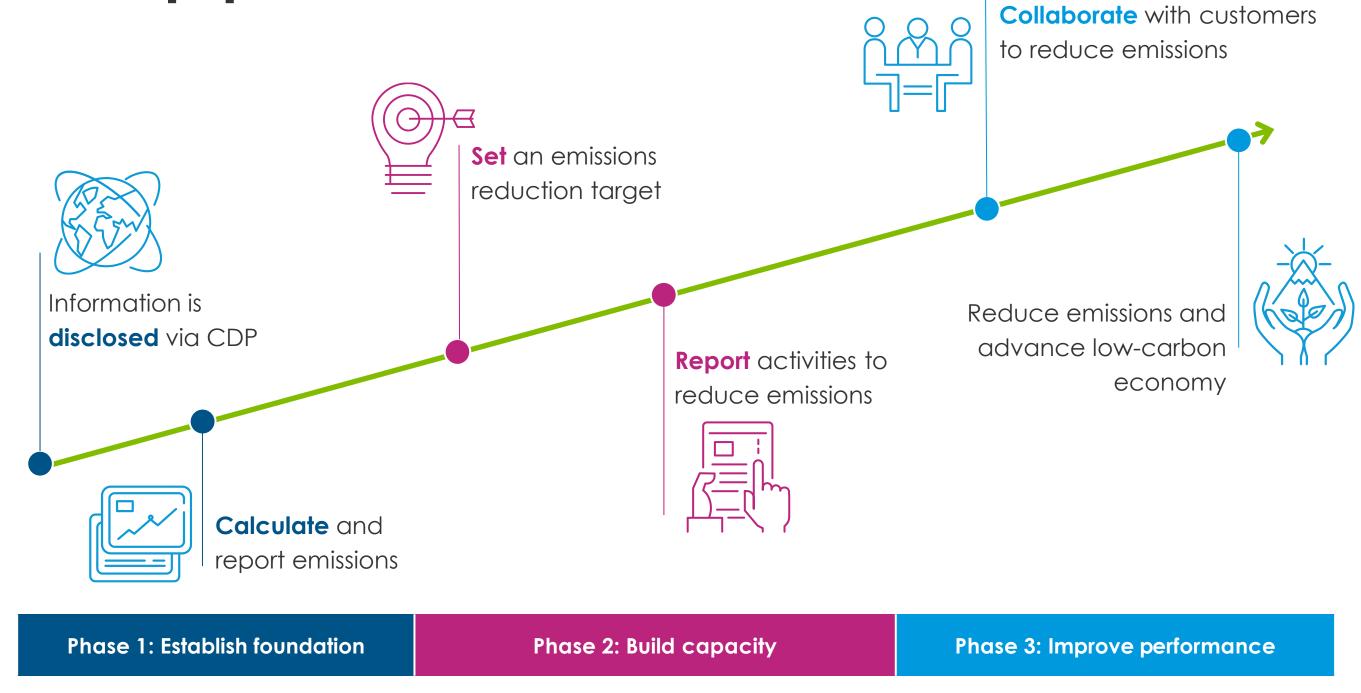


Greenhouse gas emission reduction activities





Road map process





Success Studies – Monetary & Environmental Benefits



Industry	Country	Renewable energy type	System Size [kW]	Annual Output [kWh]	Annual Carbon Saving [tonnes]	Lifetime Carbon Savings [tonnes]	Annual Monetary Savings	Source
Powerplant	Italy	Solar	3,000	4,000,000	2,330	26,795	€ 1,412,000.00	http://www.yinglisolar.com/static/assets/ uploads/projects/downloads/Yingli_CS_C entrale-Poggiorsini_EN_062011-1.pdf
Manufacturing, Engineering & Transportation	Australia	Solar	100	161,800	127	593	\$ 45,300.00	https://www.infiniteenergy.com.au/com mercial/case-studies- 2/manufacturer/imdex100kw/
Research center	China	Solar and sustainable practices	65,999	1,151,033	1600	40,000 (25 years)	¥ 15 million RMB on electricity, ¥ 54,000 RMB on water	https://www.osti.gov/servlets/purl/116501
Distributor	USA	Solar	12.92	20,995	16	80 (over system life)	\$ 4,200	https://www.infiniteenergy.com.au/com mercial/case-studies- 2/manufacturer/twenty-two- services13kw/
Drinks & Brewery	UK	Wind	3,500	9,000,000	2,600	65,000		https://cleanearthenergy.com/projects/ ab-inbev-magor-south-wales/



FAQs and Resources



Frequently asked questions

Emission Reduction Targets

• Is there a target Flex is asking from suppliers?

No, there is no base target, suppliers are free to set their own targets.



There is no limit, suppliers can choose as many targets as possible.



Suppliers can choose to disclose Public or Non-Public, if Non-Public is chosen only Flex will have access to the information.

Supply Chain (SC) section of the questionnaire is always treated as Non-Public Information.

• If we have multiple sites, multiple business entities across the world do we have to roll the data up to the overall parent company or keep results at a local site level?

Best practice in corporate GHG accounting encourages all companies to be reporting enterprise-data at the ultimate parent company level. Doing so avoids double counting and reduces reporting effort. For your CDP questionnaire, please provide as much company-wide data and information as you have available.





Further useful resources

Resources for Disclosure:

- **▼** CDP Guidance for Companies
- TAQs Find answers to common queries
- ▼ CDP Supply Chain Report: Changing the Chain
- **▼** CDP-ACS: Guidance for Company Classification
- Working 9-5: A guide for Small Office Based Organizations'
- Net Climate, Cool Commerce: A Service Sector Guide to Greenhouse Gas Management
- **■** On-Demand Technical Support:
 - ➤ If you're based in Japan, contact japan@cdp.net
 - If you're based in a different Asian country, contact asia@cdp.net
 - If you're based in Southeast Asia, contact sea@cdp.net
 - If you're base in Latin America, contact reporteCDPLA@cdp.net

For all other geographic regions, contact https://casemgmt-crm.cdp.net/

GHG Emissions Accounting and Science-Based Targets:

- GHG Protocol Corporate Standard
- ▼ GHG Protocol Calculation Tools
- CDP Technical Note on Science-Based Targets
- FAQs- The Science Based Targets Initiative

Flex's Supply Chain Resource Webpage

If you require support from Flex, please send us an email to:

- ✓ Flex GPSC Sustainability
- ✓ Contact your GCM





Q&A



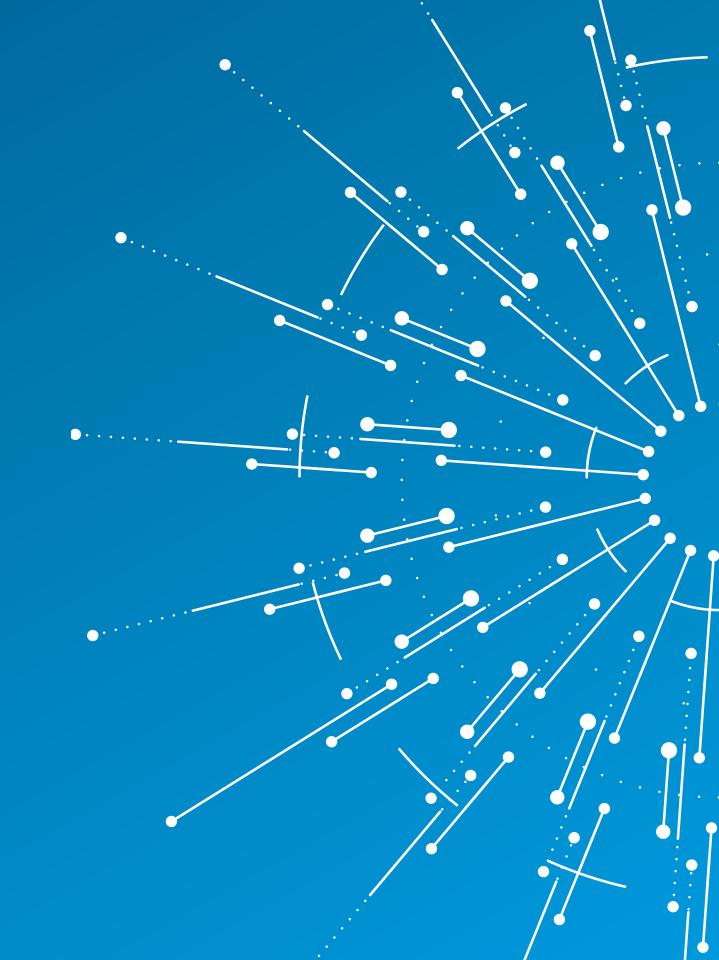
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Thank you



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