

Sustainability Targets

Supply Chain Sustainability





Agenda

- Sustainability commitment
- What sustainability parameters are pursued?
- Customers targets for supply chain
- RECAP: QuoteWin information
- **MANNEX**



Commitment from our CEO



Revathi Advaithi, CEO, Flex

Sustainability, including environmental, social and corporate governance (ESG), has long been the bedrock of Flex operations. Now more than ever, it's important for us to do our part and contribute to a sustainable future.

As we aim to become the most trusted partner in manufacturing, we have a responsibility to not only deliver on our stakeholders' expectations but to do so in a sustainable manner. We are well-positioned to deepen our sustainability commitment by building on our investments and experiences of years past. To this end, we are working toward our most ambitious goals yet with a timeline to meet them by 2030 and a commitment to net-zero by 2040. As we look to significantly lower emissions throughout our global operations, Flex is a proud member of the <u>Science Based Targets initiative</u>, which aligns us to the Paris Agreement's goal to limit climate change.

Our 2030 goals also continue our focus on cultivating a safe, inclusive and respectful workplace that values the diverse backgrounds, perspectives and talents of our people, who are at the heart of our operations. Our commitments inspire us to continue holding ourselves and our partners to the highest ethical standards, act with integrity and further drive transparency and accountability.



What sustainability metric are pursued?

Emissions



Gases from human activities that trap heat from the sun and warm the planets surface, creating a greenhouse effect and global warming, divided into scope 1 and 2.

Renewable Energy

Fuels and energy obtained from sources that are ultimately replenished from natural solar and gravitational energy flows.

Recycled materials

Waste materials reprocessed into products, materials or substances whether for the original or other purposes by a recovery operation, ideally, the material can be processed again and again (circular).



What are Emissions?

Emissions are gases from human activities that trap heat from the sun and warm the planets surface, creating a greenhouse effect and global warming

transportation



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

Primary sources of emissions are the burning of fossil fuels for electricity, heat and





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

When talking about 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).





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.



in our lifetime.



Non-renewable energy are fuels and energy obtained from sources that will not be replenished



*Biomass must be sustainable in order to be renewable and/or low carbon *Hydrogen must be obtained through renewable electricity *Fossil fuels can be considered low carbon if a CCS (carbon capture and storage) is used

Recycled materials

Recycled materials that will be divided depending on their source:

- Pre-consumer: recycled materials from industrial processes
- Post-consumer: recycled materials from endcustomer usage
- Reutilization: recycled materials from the same process

Flex is requesting information during RFQs and awarded projects







Customer requirements: Sustainability Targets



Supply Chain Sustainability Customer Requirements

Data reporting





Target setting

Emission and Energy Targets

Overarching

Data required for an emission target*:

Base year: Starting point to reduce emissions

Target year: Last year to achieve target

% of reduction: emissions to be reduced and is free to choose

Emission source: scopes, business units, sites, locations, etc.

Company A commits to reduce <u>absolute scope 1 and 2</u> GHG emissions 50% by 2030 from a 2019 base year.

Company A commits to increase <u>30%</u> of <u>renewable electricity</u> consumption of by 2030.

*Information required by sustainability protocols to have an approved targets, this is a best practice from customers perspective

Energy carrier: Any carrier Target year: 2025, 2030, 2040, 2050, etc.

> % of RE in target year: > 0%

Data required for an energy target*:

Activity: Consumption and/or generation





Emission, energy and recycled material targets

Product-level

Customers are advancing in their sustainability requirements, from soliciting data report to identifying hot spots for specific sustainability targets, which include:

Emission reduction per part number* Renewable energy target per part number*

Recycled materials per part number*

Each requirement is aligned with suppliers and customers, we encourage you to start visualizing the industry expectations

*Targets can be aligned to processes, part numbers or materials



Flex's Renewable Energy Maturity

MEXICO



MEXICO



423 trees/year

2018

Solar PV projects were deployed in Mexico and India



Solar PV: Solar Photovoltaic *Estimated data of GHG emissions avoidance, equivalent to the CO2 captured by a tree.

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2019

Netherlands

Solar PV projects were

deployed in Mexico and



mechanisms were

Solar PV projects deployed

in Austria and procurement

implemented in Asia and

2020

Europe



2021

Increase of Solar PV Projects and

- procurement
- mechanisms under
- revision







RECAP: QUOTEWIN INFORMATION





Sustainability QW Columns



- Optional fields example
- Columns are marked in gray
- The columns could be empty with no values

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	content	Scale1 From Quantity	Scale1 Unit Price	Scale2 From Quantity	Scale2 Unit Price	5

Mandatory fields example

Columns will be marked yellow
 If you don't have the information requested, input 0

		fl	ex.
Scale3 From Quantity	Scale3 Unit Price	Scale4 From Quantity	Scale4 Unit Price
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Sustainability QW Columns View

- Recycled Content Field: Select (Yes/No)
 from drop-down menu
- Validation date: Input the date you are providing the information



Sustainability validation date	Transit Time (Weeks)	kWh NO
10/13/23		

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Emissions Calculation Tool

Flex has developed an emissions calculation tool to enhance the collaboration and partnership towards our supply base, it is focused to assist organizations to calculate:



All calculations supported in the tool are based in the GHG Protocol

How to use Flex's Emissions Calculation Tool?

PRODUCT SUSTAINABILITY DATA Collect data form									
Supplier Company Nam Point of Contact	n Supplier-123 NłA			late Emissions & Energe bal emissions	gy per part number acco	rding to the GHG Proto Global energy	col		
Supplier-123's CY 2022			Scope 1	77,032.00 to	consumption		MWh		
			Scope 2	799132.00 to	Non-renewable energy consumption	1,789,323.00	MWh		
			Methodology for emissions accounting	GHG PROTOCO	Renewable Energy intensity	y 0.000437708	MWWUSD		
			Emissions Intensity	0.036506833 ^{to}	onCO2elU Non-renewable SD Energy intensity	0.074555125	MWHUSD		



Fill in your company name and revenue (Flex will not request this file)



If already known, fill in your company's latest: Scope 1 emissions Scope 2 emissions



If already known, fill in your company's latest: Renewable energy consumption Non-renewable energy consumption



Product-level emissions and energy consumption



Sustainability Information per MPN											
MPNs	Emission Intensity	PN Price	Emissions per part number	Units	Renewable energy intensity	Renewable energy consumption	Units	Non-renewable energy intensity	Non-renewable energy consumption	Units	
PN-1234	0.003650683	0.5000 USD	1.8253416667	kgCO2e	4.37708E-05	0.0218854167	kWh	0.007455513	3.7277562500	kWh	
PN-1235	0.003650683	1.8000 USD	6.5712300000	kgCO2e	4.37708E-05	0.0787875000	kWh	0.007455513	13.4199225000	kWh	
PN-1236	0.003650683	0.7500 USD	2.7380125000	kgCO2e	4.37708E-05	0.0328281250	kWh	0.007455513	5.5916343750	kWh	
PN-1237	0.003650683	0.4500 USD	1.6428075000	kgCO2e	4.37708E-05	0.0196968750	kWh	0.007455513	3.3549806250	kWh	
PN-1238	0.003650683	0.6200 USD	2.2634236667	kgCO2e	4.37708E-05	0.0271379167	kWh	0.007455513	4.6224177500	kWh	
PN-1239	0.003650683	2.6800 USD	9.7838313333	kgCO2e	4.37708E-05	0.1173058333	kWh	0.007455513	19.9807735000	kWh	
PN-1240	0.003650683	5.5500 USD	20.2612925000	kgCO2e	4.37708E-05	0.2429281250	kWh	0.007455513	41.3780943750	kWh	
PN-1241	0.003650683	2.2000 USD	8.0315033333	kgCO2e	4.37708E-05	0.0962958333	kWh	0.007455513	16.4021275000	kWh	

The only fields you have to fill are column 1 and 2



Fill in the PN to calculate its sustainability data



Fill in the PN Price (**Flex purchasing price**) to allocate emissions and energy as the GHG Protocol establishes

Product-level data is marked in these colors





Q & A Contact us at: <u>sustainabilitygbs@flex.com</u> <u>luz.vazquez2@flex.com</u>





Thank you!!





ANNEX



Sustainability Resources for Flex's Supply Base

Flex has created an external webpage for suppliers to revisit emission and energy calculation trainings.



You will be able to find the following materials:

- Webinar recordings
- Emission and energy calculation tools ullet
- Presentations



https://flex.com/solutions-and-services/supplychain/sustainability-resources-for-flexs-supply-base

How to respond to recycled content in **QuoteWin?**



Recycled content allows us to reduce emissions attributed to a product

Please review the material description in order to answer correctly

□ Select one of the following options:

YES \rightarrow if the material description mentions the usage of recycled material in the manufacturing process of the part number quoted

 $NO \rightarrow$ if the material description doesn't mention the usage of recycled material in the manufacturing process of the part number quoted

NOTE: if available please share the IMDS/spec data sheet



How to attach documents in QuoteWin?

- File attachment can be found in the clip:
 - o You will find the supplier sustainability guide
 - You will be able to upload documents



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Flex Quarterly : Pricing Table : Attachments	Project : TEST FOR SUSTAINABILITY 3					
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Choose Files No file chosen	Upload					





How to manually calculate productlevel emissions?

According to the **Product Life Cycle Accounting and Reporting Standard** from GHG Protocol, an approach on revenue and product cost can be implemented.



The data needed to estimate emissions at product level is:

Global emissions **Global revenue** Part number price

Product-level emissions



As an example:

- Global emissions: 739,024 KG CO2e
- Global revenue: 24,000,000 USD
- Part number price: 28 USD



Part Number Price \rightarrow Flex's purchasing price Distributors shall request emissions to the manufacturer

Global emissions Global revenue



Part number price



How to calculate product-level energy?

The data needed to estimate energy at product level is:

Global renewable energy
Global revenue Global non-renewable energy



Part Number Price \rightarrow Flex's purchasing price Distributors shall request emissions to the manufacturer



Part number price



Additional resources

Acronyms

- $GHG \rightarrow$ Greenhouse Gas
- **KG CO2** \rightarrow kilograms of carbon dioxide •
- **USD** \rightarrow United States Dollars
- $PN \rightarrow Part Number$ •
- $kWh \rightarrow kilowatt per hour (energy)$ consumption unit)
- IMDS→ International Material Data System
- **SPEC** \rightarrow product specification sheet •

Links

Product Life Cycle Accounting and Reporting Standard from GHG Protocol Scope 1 & 2 GHG Inventory Guidance

