

Megaton program

Supplier External Webinar 供应商外部网络研讨会
2024

Webinar housekeeping notes

- Mic and video are restricted upon entry to minimize interruptions
麦克风和视频在进入时受到限制, 以尽量减少干扰
- Please use the meeting chat to ask questions 请使用会议聊天提问
- Recording and transcription has begun 录制和转录已经开始

CORNING



Information security

信息安全

- This presentation contains Corning information and is intended solely for those with a need to know. It may not be distributed, in whole or part, in any form by any means, or by any person or organization without authorization from Corning Incorporated. 本演示文稿包含康宁信息, 仅供需要了解的人使用。未经康宁公司授权, 不得以任何形式、任何方式或由任何个人或组织分发全部或部分内容。
- Corning Incorporated prohibits the transcription or recording of video conferences or telephone calls without the consent of all participants. Further, even if such consent is obtained, any use or re-distribution of such transcriptions or recording must be approved by Corning. 未经所有参与者同意, 康宁公司禁止对视频会议或电话进行转录或录音。此外, 即使获得此类同意, 此类转录或录音的任何使用或重新分发也必须得到康宁的批准。



Today's Agenda 今日议程

- Overview of Corning scope 3 emissions reduction program 康宁范畴3 减少碳排计划概述
- 2024 supplier actions to support the program 2024 供应商支持该计划的行动
- How to submit GHG emissions data to Corning through CDP 如何通过CDP向康宁提交温室气体排放数据
- GHG emission data timeline including tools and resources available for suppliers 温室气体排放数据时间表，包括可供供应商使用的工具和资源
- Overview of supplier resource portal 供应商资源门户概述



Corning's approach to sustainability

康宁的永续发展方针

我们将我们的贡献分为两类：

We think about our contributions in two categories:

1

First, our **footprint** – how our actions directly affect others in areas such as gender pay equity and carbon emissions from our operations.

首先, 我们的足迹 - 我们的行为如何直接影响其他领域的其他人, 例如我们本身运营的碳排放

Scope 3 emissions reduction falls under Corning's footprint actions

范畴 3 减少碳排 属于康宁的碳足迹行动



2

The other is our **handprint** – what we enable others to do through our products and services.

其他的就是我们的手印——我们通过我们的产品和服务使他人能够做什么

Environment 2023 highlights

Reviewed and categorized landfill waste and diverted waste metrics according to UL ECVP 2799 and focused efforts at our top 10 waste-generating sites

Invested

>\$10M

on site-level energy reduction-related projects



Validated **near-term science-based emissions reduction targets** with SBTi



Entered a virtual power purchase agreement (VPPA) to **develop a solar plant** that we expect to provide enough renewable electricity for 100% of our European operations



Kicked off our Scope 3 supplier operations decarbonization program with suppliers that make up 80% of our GHG emissions



Named an **ENERGY STAR® Partner of the Year for the 10th year** in a row by the U.S. Environmental Protection Agency

10

Used the World Resources Institute's Aqueduct Water Risk Atlas tool to **assess water stress across all Corning manufacturing locations**, considering both current and future water stress forecasts

Scope 3 emissions 范畴 3 碳排放

68% of the emissions included in Corning's total carbon footprint occur along our supply chain

康宁总碳足迹中, **68%** 的碳排放量发生在我们的供应链中

Pursuing a “mega” goal 追求“大”目标



We're aiming to reduce our Scope 3 emissions by

over 2 million metric tons

– or 2 megatons – by 2028.

我们的目标是: 在2028之前, 将范畴 3 排放量减少 >200万公吨

This is comparable to the GHG emissions of driving

445,061

gasoline-powered passenger cars for one year.⁹

这相当於 **445,061** 汽油动力乘用车, 一年的温室气体排放量



Corning SBTi approved near term goal 康宁經由SBTi 批准的近期目标

Reduce our absolute Scope 3 GHG emissions, covering purchased goods and services, capital goods, fuel- and energy-related activities, and upstream transportation and distribution by **17.5% by 2028** from a 2021 base year

到 2028 年，将我们的范畴 3 温室气体绝对排放量（包括采购商品和服务、自有货物、燃料和能源相关活动以及上游运输和配送）比 2021 年基准年减少 17.5%

Focus Areas to meet 2028 goal 实现2028年目标的重点领域

供应商运营减碳

Supplier operations
decarbonization



Implementation of actions to
reduce operational and value
chain emissions by Corning
suppliers

康宁供应商实施减少运营和价值
链碳排放的行动

外购材料减碳

Purchased material
decarbonization



Emission reductions from
purchased materials or
Corning finished products

减少采购材料或康宁成品的碳排放

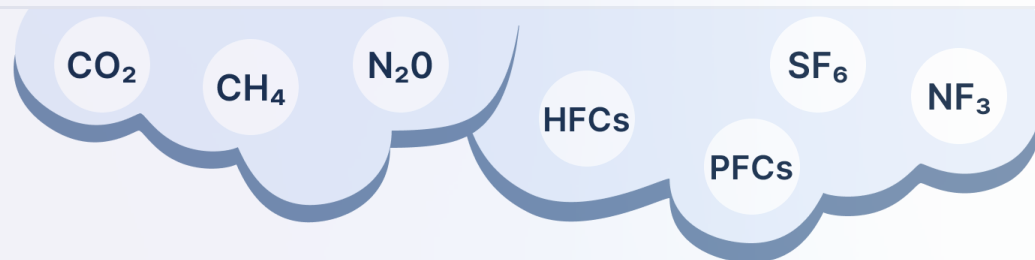
运输减碳

Transportation
Decarbonization



Implementation of sustainable
transportation options used to
transport materials in the
value chain

运输物料实施其他低碳运输方案



Scope 3
Managed by
Global Supply Management (GSM)
↓ **17.5%*** by 2028

范畴 3
Scope 3

范畴 2
Scope 2

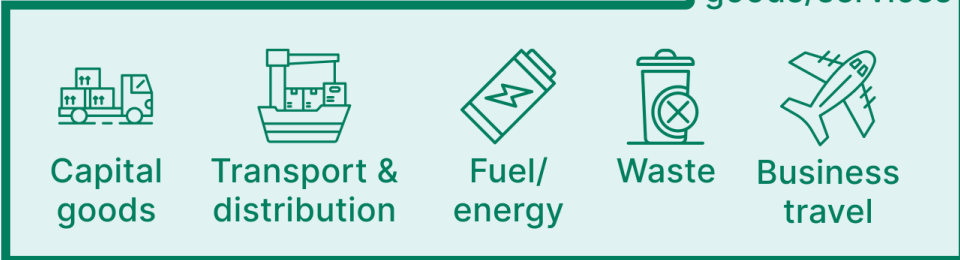
范畴 1
Scope 1

范畴 3
Scope 3

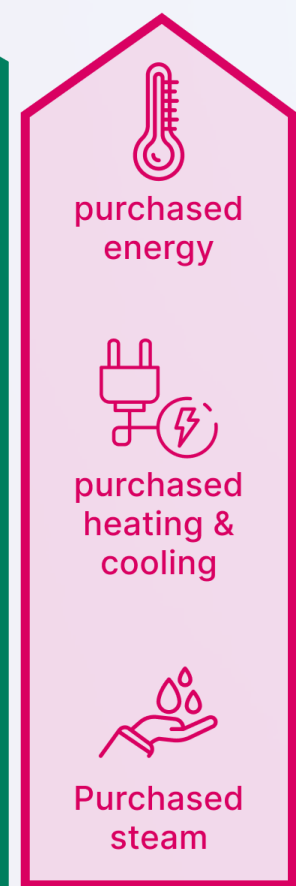
范畴 3
由康寧全球供应管理部门
(GSM)负责

2028 减少 17.5%

上游供应链排放



Upstream Supply Chain Emissions



Company Emissions

公司排放



Downstream Supply Chain Emissions

下游供应链排放



Your company's Scope 1,2 and 3 emissions = Corning Scope 3 emissions

贵公司的范畴 1、2 和 3 碳排放 = 康宁 范畴 3 碳排放



Megaton Sub Program

供应商运营减碳

Supplier operations decarbonization

Implementation of actions to reduce operational and value chain emissions
实施减少运营和价值链碳排放的行动

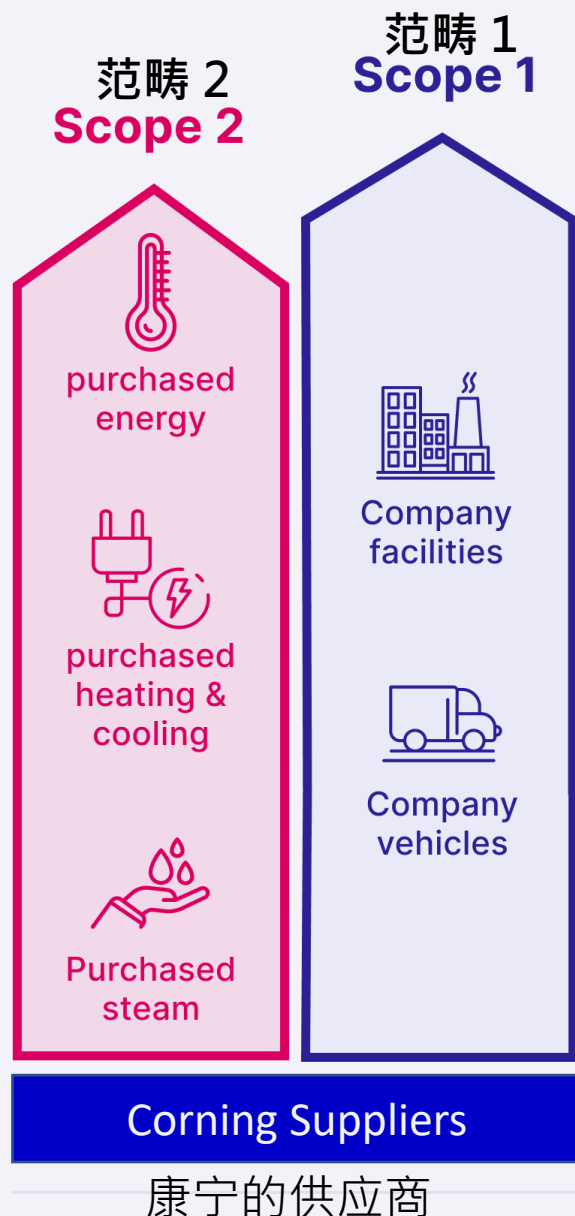
材料减碳

Material decarbonization

Reduction of emissions related to material composition of a purchased product
(primary scope 3)

减少与所购产品材料成分相关的排放
(主要范畴 3)

Focus areas for operational decarbonization 运营减少碳排的重点领域



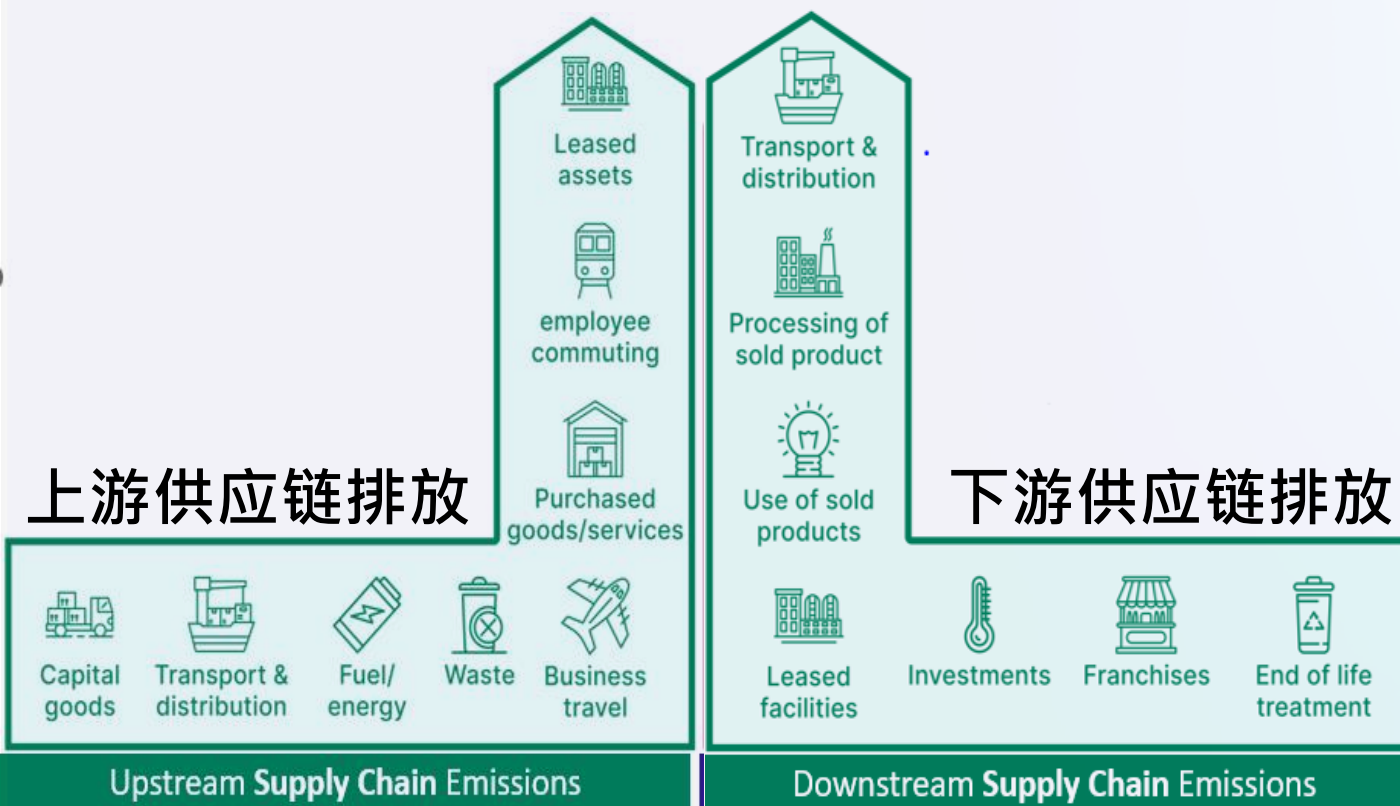
Operational decarbonization

运营减少碳排

- Sustainable transportation for owned fleet/vehicles
自有车队/车辆实施低碳运输方案
- Procurement of renewable or clean energy i.e. RECs
采购可再生或清洁能源
- Power purchase agreement i.e., PPAs
购电协议
- Energy efficient improvement
提高能源效率

Focus areas for material decarbonization 材料减少碳排的重点领域

范畴 3
Scope 3



Corning suppliers 康宁的供应商

Materials decarbonization 材料减少碳排

- Introduction or Increased recycled* content into manufacturing process
在制造过程中引入或增加回收成分
- Lower carbon footprint feedstock
更低的碳足迹原料
- Increased reused of material* feedstock
增加原料的再利用
- Use of sustainable packaging
使用低碳包装
- Reduced materials in final product design
在最终产品设计中减少材料

供应商需要采取的行动包括所有温室气体类别的减碳

Supplier required actions includes decarbonization across all GHG categories

运营减少碳排

Operational decarbonization

- Sustainable transportation for owned fleet/vehicles
自有车队/车辆实施低碳运输方案
- Procurement of renewable or clean energy i.e. RECs
采购可再生或清洁能源
- Power purchase agreement i.e., PPAs 购电协议
- Sustainable transportation to deliver materials to Corning location
将材料运送到康宁工厂的低碳运输



材料减少碳排

Materials decarbonization

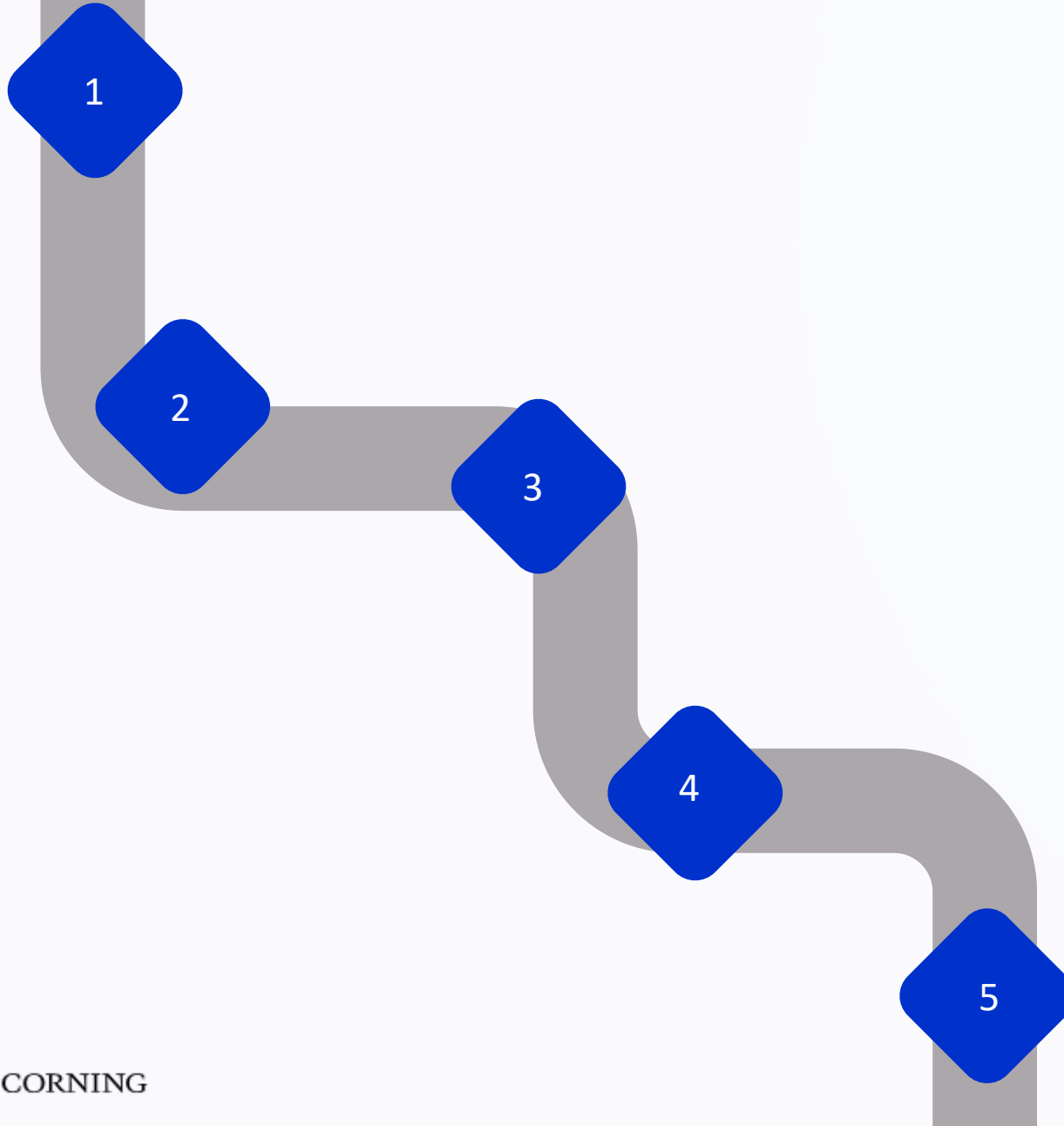
- Introduction or Increased recycled* content into manufacturing process
在制造过程中引入或增加回收成分
- Lower carbon footprint feedstock
更低的碳足迹原料
- Increased reused of material* feedstock 增加原料的再利用
- Use of sustainable packaging
使用低碳包装
- Reduced materials in final product design 在最终产品设计中减少材料

供应商对 Megaton 项目行动

Supplier actions for Megaton program

* Corning internal actions to support emission reduction

Megaton Program- Supplier Actions



1. **Register or confirm your intent to submit data through CDP**

1st time disclosing through CDP- Register using this link
Disclosed data to CDP in 2023- Confirm your intent to submit data

2. **Attend Megaton and CDP webinars**

Register and attend all webinars

3. **Calculate GHG emissions**

Disclose Scope 1,2 and 3 greenhouse gas emission data. Provide independent or third-party assurance of disclosed emissions

4. **Submit data through CDP**

Deadline- Sept 18th, 2024

5. **Reduce emissions**

- Adopt a science-based (SBTi-approved) emissions reduction target
- Set a renewable energy target
- Transportation emission reduction target*
- List of emission reduction initiatives*

Megaton Program- 供应商需要采取的行动

1

1. 注册或确认您打算通过CDP提交数据

- 首次通过CDP进行披露 - 使用此链接进行注册
- 在2023年向CDP披露数据 - 确认您打算提交数据

2

2. 参加Megaton及CDP網路論壇

- 注册并参加所有网络论坛

3

3. 計算溫室氣體排放量

- 披露范围1、2和3温室气体排放量数据
- 提供独立或第三方保证的已披露排放量

4

4. 藉由CDP平台提交資料

- 截止日期 – 2024年9月18日

5

5. 降低排放量

- 采用科学基础的（经SBTi批准的）减排目标
- 设定可再生能源目标
- 运输减排目标*
- 排放减少措施清单*

Step 1-Register or confirm your intent to submit data.

步骤 1 - 注册或确认您打算通过 CDP 提交数据

New Reporting Companies

新的申报公司

1. Confirm company contact for CDP registration to Megaton team via email or your Supply relationship owner (SRO)
通过电子邮件或您的康宁对应窗口, 向Megaton团队确认CDP注册的公司内容
2. Registration link will be shared with the contact
注册链接将与联系人共享
3. Register using the link 使用链接注册
 1. Link will be sent to the CDP contact directly
 2. Only 1 contact is allowed per company
 1. 链接将直接发送给CDP联系人
 2. 每家公司只允许 1 个联系人

Returning Reporting Companies

现有的申报公司

1. If CDP contact has not changed, no further action is needed
2. If CDP contact has changed, please access the CDP portal and make the necessary changes to the system
 1. 如果CDP联系人没有改变, 则无需采取进一步行动
 2. 如果CDP联系人发生变更, 请访问CDP门户并对系统进行必要的更改

- CDP is free for all Corning suppliers submit data through the supply chain platform.
- CDP 对所有通过供应链平台提交数据的康宁供应商都是免费的。

Quick Tips for Getting Started 快速入门提示



Before you start:

- ▼ Allow emails from @cdp.net, disable popup blockers, optimized use in Google Chrome
- ▼ Visit: www.cdp.net/guidance
- ▼ Review questionnaires offline by downloading them in Microsoft Word or a PDF
- ▼ Review guidance and scoring methodology

How to access:

- ▼ [Register a contact](#) on CDP's website
- ▼ Follow the activation link in the May/June invitation from CDP
- ▼ [Login to CDP's website](#) and activate your questionnaires immediately
- ▼ If you have not received an email from CDP by June 4, contact the [CDP Help Center](#)
- ▼ Scoring Deadline: [September 18, 2024](#)

Step 2-Attend webinars and trainings

步骤 2 - 参加网络研讨会和培训

CDP Webinars CDP网络研讨会

- Agenda for Webinars
- Overview of CDP
- Best practice in reporting data
- How to disclose data in the portal 如何在门户中披露数据

US/EMEA CDP Webinars

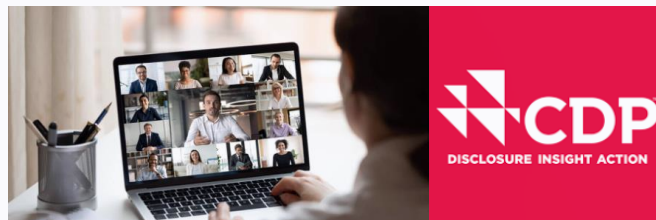
- English- June 18th
- English- July 9th

亚太地区 CDP 网络研讨会

APAC CDP Webinars

- Mandarin- June 19th , July 1st
- Japanese Jun 18th Jun 27
- Korean, Jul 9th

Registration link will be shared via email





Step 3 & 4- Calculate your Green House Gas (GHG) Emissions. Submit data to Corning



步骤 3 & 4 - 计算您的温室气体(GHG)排放量。向康宁提交数据

- Calculate your Company's Scope 1, 2,3 emissions 计算贵公司的范畴 1、2、3 排放量
 - Calculation period- 2021 & 2023
计算周期 - 2021 & 2023
 - Calculation methodology- GHG protocols or another international standard
计算方法 - 温室气体协议或其他国际标准
- 2. Verify the emissions with a 3rd party
If 3rd party verification of emission data is not possible, please contact the Megaton team for alternate solution
与第三方核实排放值
如果无法对排放数据进行第三方验证，请联系 Megaton 团队寻求替代解决方案

- Submit data through CDP portal
通过CDP门户提交数据
- Allocate emissions connected to Corning and your company's relationship
分配与Corning 和贵公司相关的排放量
- If your company can not use CDP, please reach out to the Megaton team for an alternate solution
如果您的公司无法使用 CDP，请联系 Megaton 团队寻求替代解决方案

Required Climate Change Questions to Answer

需要回答的气候变化问题



While we encourage suppliers to respond as completely as possible to the Climate Change questionnaire, these are the questions to which we are most interested in seeing responses from each of our suppliers. 虽然我们鼓励供应商尽可能完整地回答气候变化调查问卷，但这些是我们最希望看到每个供应商的回答的问题。

Section Description	Details	Question Numbers
Introduction	Enter information on the years included in your disclosure and the currency used for your revenue reporting	1.2, 1.4
Report Emissions Methodology	Enter information on your emissions calculation methodology and any structural changes that may have occurred	7.1, 7.1.1-1.3
Report GHG Emissions and Energy	Enter information about your GHG emissions for scopes 1, 2 and 3 in 2022 and 2021 if available.	7.6, 7.7, 7.8, 7.8.1
Set Targets and Reduce GHG Emissions	Enter information about your targets to reduce GHG emissions and/or increase renewable energy levels	4.1, 4.1a, b, c
Engage Value Chain	Enter information on your engagement activities with your value chain	5.11, 5.11.9
Verify Emissions	Verify your reported emissions and enter the details and proof in this question	7.9, 7.9.1, 7.9.2, 7.9.3,
Collaborate with Corning to Reduce GHG Emissions	Report your annual revenue. Propose opportunities for collaboration for emission reductions.	SC1.1, SC2.1

Corning's base year for our targets is 2021, so we ask that if you have calculated emissions for 2021 you report them in addition to your 2023 emissions in CDP questions 7.6, 7.7, 7.8, 7.8.1

Step 5- Reduce emissions

步骤 5 - 减少碳排放量

Adopt a science-based or aligned emission reduction target

采用基于科学或一致的减排目标

- Set an emission reduction target approved by the science base target initiative (SBTi)
设定一个SBTi批准的减排目标
- OR
- Set an emission reduction target **aligned but not approved** by the science base target initiative (SBTi)
设定一个符合但未获得 SBTi 批准的减排目标

Set a renewable energy/Transportation reduction target

设定可再生能源/交通减排目标

- Set a renewable or reduced energy emission target
设定可再生或减少能源排放的目标
- OR
- If your company is responsible for transportation of goods, set a transportation emissions reduction target.
如果您的公司负责货物运输，请设定运输减排目标

Other Emission reduction activities or actions

其他减排活动或行动

- Lower carbon footprint alternative product
使用低碳足迹替代产品
- Life cycle analysis on purchased materials
采购材料的生命周期分析
- Decarbonization plans*
减少碳排放计划
- Certifications of green claims
i.e., recycled content
绿色声明认证
- Your supplier relationship owner will contact you on additional actions needed
假如有其他行动需求, 您的康宁对应窗口将与您联系

Emissions data disclosure timeline- 2024 碳排放量数据揭露时间表 - 2024



每月提醒 Megaton项目进程。
其他附加的网络论坛

Jul

Monthly reminders on
Megaton actions.
Additional program webinar

通过 CDP 提交数据 (9/18)
获得 CDP 分数的截止日期

Sept

Submit data through CDP (9/18)
Deadline to receive a CDP score.

数据分析和评分流程

Nov-Dec

Data analytics and scoring
process

Jun

CDP Portal Opens 6/4.
Confirm your company's
intent to submit data



Calculate emissions
Verify emissions
Monthly program reminders
Creation of decarbonization plans*

计算碳排放量
验证碳排放量
每月Megaton项目提醒
制定减少碳排计划

Oct

Final CDP deadline (10/2)
Submission will not be scored
CDP最终截止日期 (10/2)
提交的内容将不予评分

CDP 门户于 6 月 4 日开放。
确认贵公司打算通过 CDP 提交数据

Corning Supplier Portal

Live Demo

CORNING



Question and Answer

CORNING



Thank you for your continued support 感谢您一直以来的支持

Please direct all questions to
如有疑问，请直接发送邮件至

gsm sustainability@corning.com

CORNING

