Sigreen

Making Product Carbon Footprints actionable Responding to PCF Requests - Step by Step Guide



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Goal of this guide

If you are new to SiGREEN, this step-by-step guide will help you get started and respond to PCF requests. In this guide you will learn:

- 1) How to sign up to SiGREEN
- 2) How to edit your Configure settings and Company Information
- 3) How to add Products
- 4) How to create and share a PCF Credential

While this is a comprehensive list where you will find the basics on how to get started, you can always use our <u>User Guide</u> for more information.



SiGREEN Process Flow

To get started, the following sequence needs to be followed to successfully respond to PCF request:





As a supplier, you will receive an invitation from your customer inviting you to join SiGREEN.

Note: If you are the first person of your company to sign up, you will become the company admin and will need to accept or deny users in the future. Once you onboard more colleagues to SiGREEN, we recommend having at least two company admins from your company.



1 Open your email

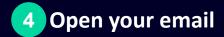
	Your Customer is inviting you to SiGREEN > Inbox ×
SIEMENS	SigREEN 🤡 <no-reply.sigreen @siemens.com=""> to me 👻</no-reply.sigreen>
	You have been invited to join SiGREEN by your customer
	SiGREEN is our solution to manage your product's actual carbon footprints.
	Invite your network, build trust, and share your PCFs easily Click here to register with us. 2 Click
	In case of any questions, please directly reply to this mail to reach out to our Service Team.
	Let's collectively work towards a greener future!
	Siemens AG
	Werner-von-Siemens-Str. 1
	80333 Munich
	Germany
	089/38035491
	<u>contact@siemens.com</u>
	Siemens Aktiengesellschaft: Chairman of the Supervisory Board: Jim Hagemann Snabe
	Managing Board: Roland Busch, Chairman, President and Chief Executive Officer; Cedrik Neike, Matthias Rebellius, Ralf P. Thomas, Judith Wiese
	Registered offices: Berlin and Munich, Germany; Commercial registries: Berlin-Charlottenburg, HRB 12300, Munich, HRB 6684
	WEEE-RegNo. DE 23691322 / VAT-ID DE129274202

3 Fill in & Next

2	ontact details to get started
with SiGREEN.	
First Name	
Last Name	
Business Email 🕕	
	ed the <u>Siemens Terms</u> of use, which
	mens ID is a service that enables secure her Siemens services and applications.
'	vive marketing information from Siemens
based on my personal inter the full consent statement)	ests and give my consent <u>(for details see</u>
Cancel	Next

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Registering on SiGREEN



Welcome to SiGREEN! Inbox ×



Hello Jane.

Y Welcome to Si**GREEN**! Thank you for joining our open ecosystem.

If you are reading this, you've planted a seed for your company. Let's grow it into a beautiful tree together! We are glad to have you on board and to work towards a more sustainable future with you.

As a user of SiGREEN, you are able to create and manage the carbon footprint of your company's products.

You might be a bit overwhelmed by this, so to get started:

- click <u>here</u> for a quick introduction
- and here to complete your registration.

We are working hard to make SiGREEN better every day



So if you have any questions, suggestions or comments, feel free to contact us any time.

Let's collectively work towards a greener future!



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confirm your new password
Reset Password



(D)

-

Choose manufacturer/supplier 7 role

Select the role you are signing up for

I'm a manufacturer/supplier

Select this option if you create, buy, distribute or sell products, or you are a consultant for a company that creates, buys, distributes, or sells products.

I'm a certifier/verifier

Select if you have valid accreditation to verify Product Carbon Footprints or Product Carbon Footprint calculation methodology.

Back Next

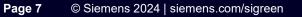


Fill in Company information 8 then next

Company Name**		
Company Name*		
Business Unit		
business onic		
Industry*		
Contact number	~	
030 123456	•••	
Address Line*		
		T
Address Line 2		
Country*		

aware that after successful stration I am responsible for managing REEN user accounts for my company. I also aware, that it is strongly ommended to name a second Company ninistrator as a delegate for me*

*Please note the company name cannot be easily changed. Therefore, it should be applicable for all company entities and **SIEMENS** locations



9 Agree to Siemens Terms of Use

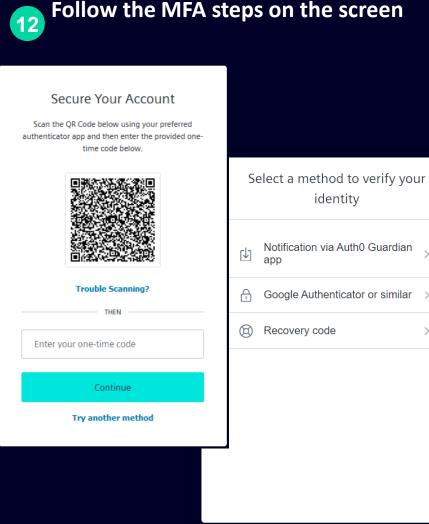
SIGREEN	SiGREEN Terms of Use
IDunion	To Register with SiGREEN, you'll need to agree to its Terms of Service along with IDunion Terms & Conditions below.
l Agree	September 2022
Back	1. SCOPE
	1.1. Parties. These terms ("SiGREEN Terms " or "Terms ") govern access to and use of the SiGREEN platform including its individual features and functionalities (jointly and individually "SiGREEN" or "Platform ") by the customer that accepted these SiGREEN Terms ("Customer"). These SiGREEN Terms may be accepted in course of the electronic
	registration process with SiGREEN. In the registration process, Customer will be

10 We will receive and approve your request within 1-2 business days. Then Check your email

	SiGREEN registration complete! Let's get started! Inbox ×
SIEMENS	to me 👻
	Hello Jane Doe,
	Congrats! Your registration for SiGREEN has been successfully completed!
	Now it's time to get started and start sharing your product carbon footprints.
	Please click here to get to SiGREEN.
	If you have any questions, don't hesitate to check out our user guides here.
	Cheers, Your Si GREEN Team
	Siemens AG
	Werner-von-Siemens-Str. 1
	80333 Munich
	Germany
	089/38035491
	<u>contact@siemens.com</u>
	Siemens Aktiengesellschaft: Chairman of the Supervisory Board: Jim Hagemann Snabe
	Managing Board: Roland Busch, Chairman, President and Chief Executive Officer; Cedrik Neike, Matthias Rebellius, Ralf P. Thomas, Judith Wiese

Registered offices: Berlin and Munich, Germany; Commercial registries: Berlin-Charlottenburg, HRB 12300, Munich, HRB 6684 WEEE-Reg.-No. DE 23691322 / VAT-ID DE129274202

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13 Save the Recovery Code securely

Almost There!

Copy this recovery code and keep it somewhere safe. You'll need it if you ever need to log in without your device.

Q4N1EUWN19DGXNEUSQR7KTQZ
Copy code
I have safely recorded this code
Continue

This will be a backup recovery code, for other user to use the same profile. If this code is lost, it would make it harder to recover your account.





User Roles in SiGREEN

In SiGREEN there are 4 main user roles:

Company Admin

- Manages the company users and permissions
- Manages manufacturing locations, business units available
- Adds certifiers to the account
- Will have access to the API access configuration

Product Manager

- Shares PCF of a product with company's customers
- Creates products and associated bill of material (BOM) or recipes
- Manages product carbon footprint for a product
- Has the product portfolio view
- Creates, reports and determines product PCF according to specific standards and methodologies

Procurement Manager

- Owns the relationship and communication with suppliers
- Requests PCF for components
- Manages and sets up components and suppliers
- Has the view on component categories, procured components and adds secondary data
- Decides if supplier shared or secondary data is used for the PCF

Factory Manager

• Maintains the data related to own emissions

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 Provides the data sources for own emissions API

Edit Configure Settings Company Admin Controls

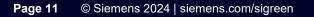


In your Configure Settings, you can do the following:

- 1) Invite Users
- 2) Edit Company Information

Under Company Information the following **mandatory** fields need to be added:

- **1) Product Identifier Types**
- 2) Component Identifier Types
- 3) Supplier Identifier Types





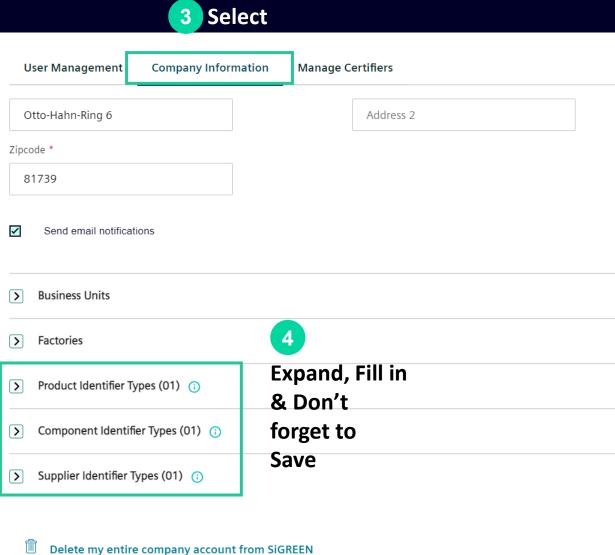
Invite Users Company Admin Controls

vite Users ompany Adm 3 Select	in Controls			1	▲ SiGREEN User Company Admin Product Manager Factory Manager Procurement Manager Procurement Manager Profile Settings ⑦ User Guide & FAQ ☑ Contact Support ☑ Logout	Click	
User Management	Company Information	Manage Certifiers					4 Select
(!) As a Company Admin, y	you are responsible for managing	g the user lists according to GDPR requirements		Filter:	: None 🗸	ط Download	+ Invite User
Full Name	Email ID	Role	Business Unit		Status updated on ↓ _	Status ↓ ,	
SiGREEN User		CA,ProdM,FM,ProcM			09:54 AM 23/Jul/2024	Active	:



Edit Company Information Company Admin Controls

				User Management	Company Informatic	on Manage C	ertifiers
Ĵ	L + 🄅	SU 1 Click		Otto-Hahn-Ring 6			Address 2
	SiGREEN User		Z	pcode *			
	Company Admin Product Manager Factory Manager Procurement Manager			Send email notificat	tions		
Ę	🕅 Configure	2 Select		Business Units			
ද	🔉 Profile Settings			Factories		4	
0		_		Product Identifier T	ypes (01) (Expand, & Don't	
	Contact Support	-		Component Identif	ier Types (01) (forget to	
				Supplier Identifier 1	īypes (01) (Save	



Delete my entire company account from SiGREEN



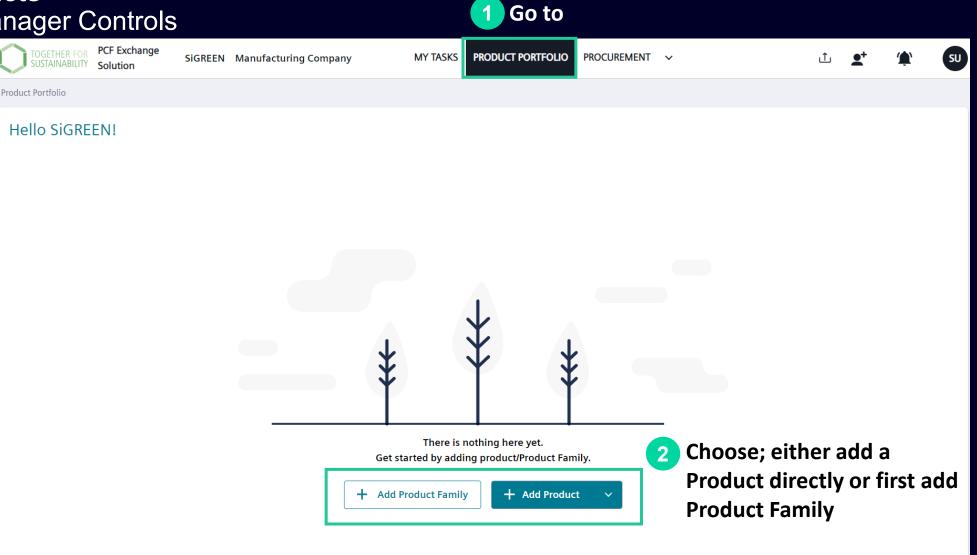
To start the PCF exchange, you first need to add your Products.

Follow the below steps to start adding your products. There are two ways to add your products.

Add a product manually

Add a product in bulk

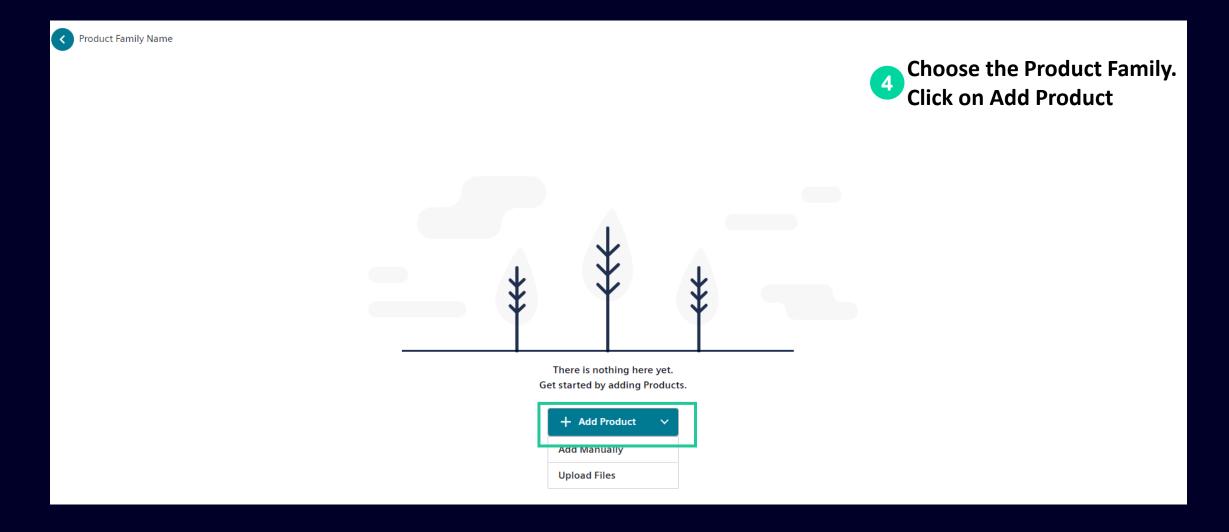






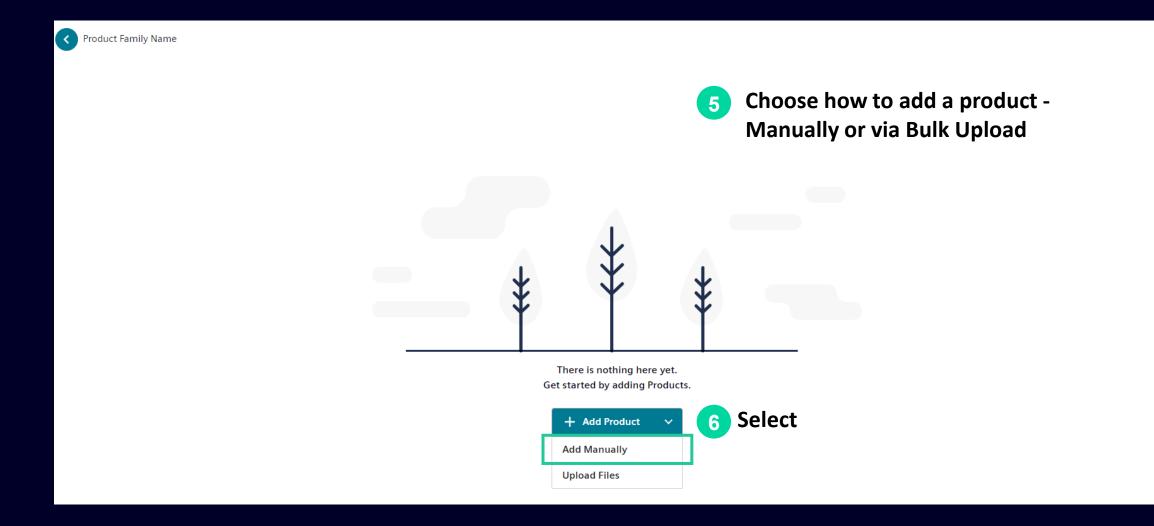
Add Product Family	×
Product Family*	3 Add a Product Family. Fill in & Save
Upload Image	
Drop your file here	
This product family belongs to the following business units:	
Q Search 🗸	
	Cancel Save

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Add Products Manually Product Manager Controls

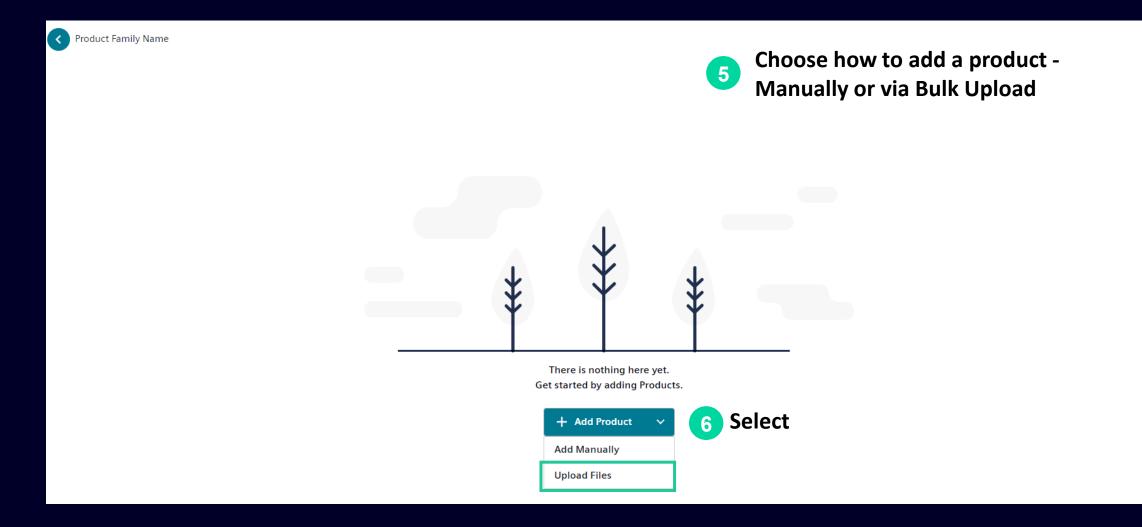




Add Products Manually Product Manager Controls

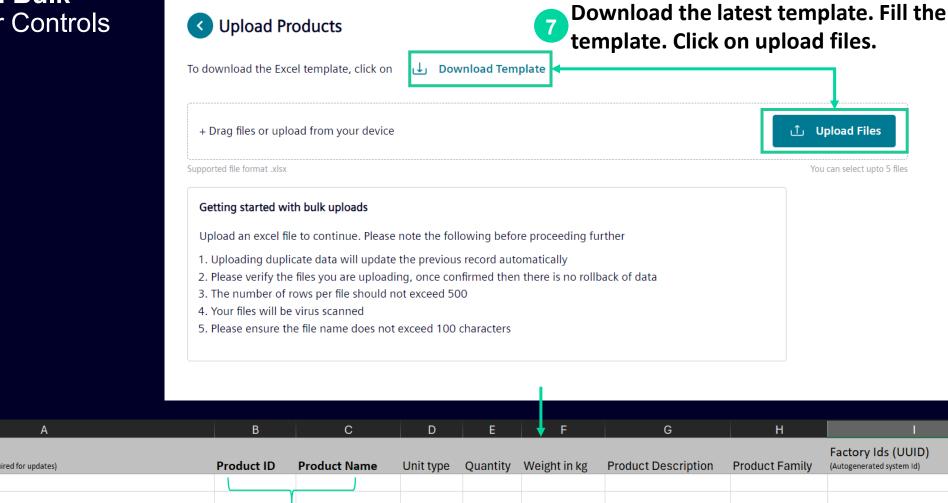
Add Product								
General Information								
Product Family	Product Name *	Factori	es 🚯		Unit Type			
Select 👻	Product Name	Q s	earch	~	Select		•	
Quantity	Weight							
Quantity	Weight	kg						
 Main identifier value can only be defined of Main Identifier* Product ID 	once and cannot be changed later. Type value			ill in & Sa				
Description								
			4			— D		
					Cano	cel	Save	
siemens.com/sigreen							SIE	M

Add Products in Bulk Product Manager Controls





Add Products in Bulk Product Manager Controls





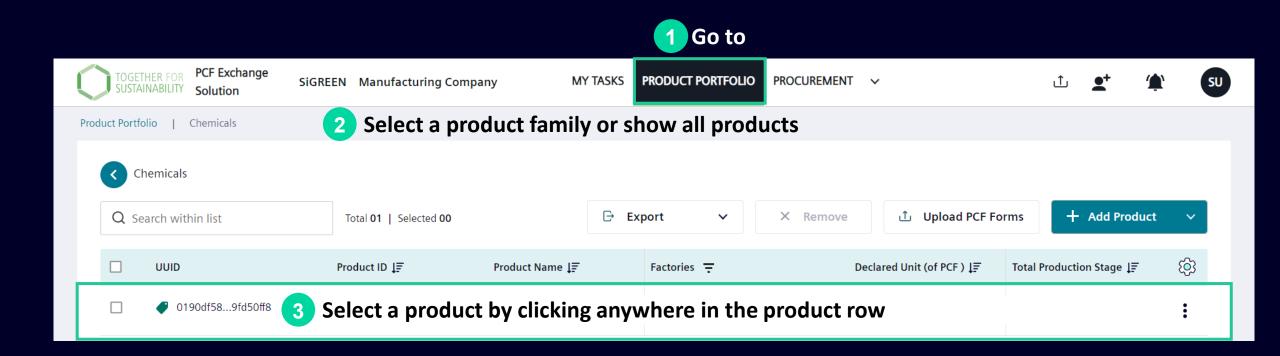
After adding products, you can create a PCF Credential.

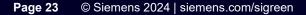
Create a PCF Manually

Create a PCF in Excel



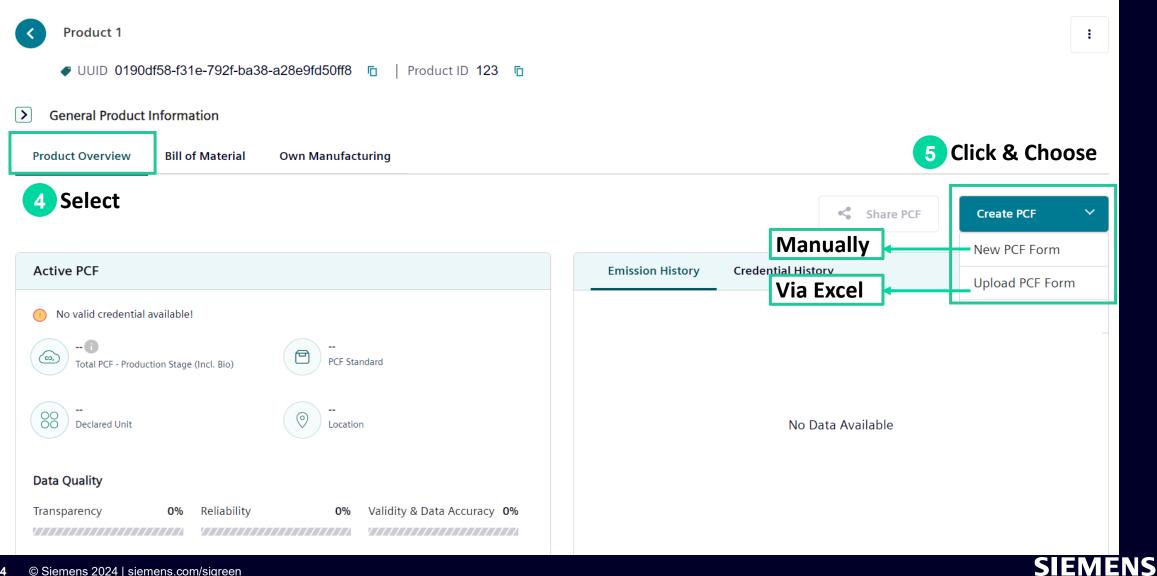








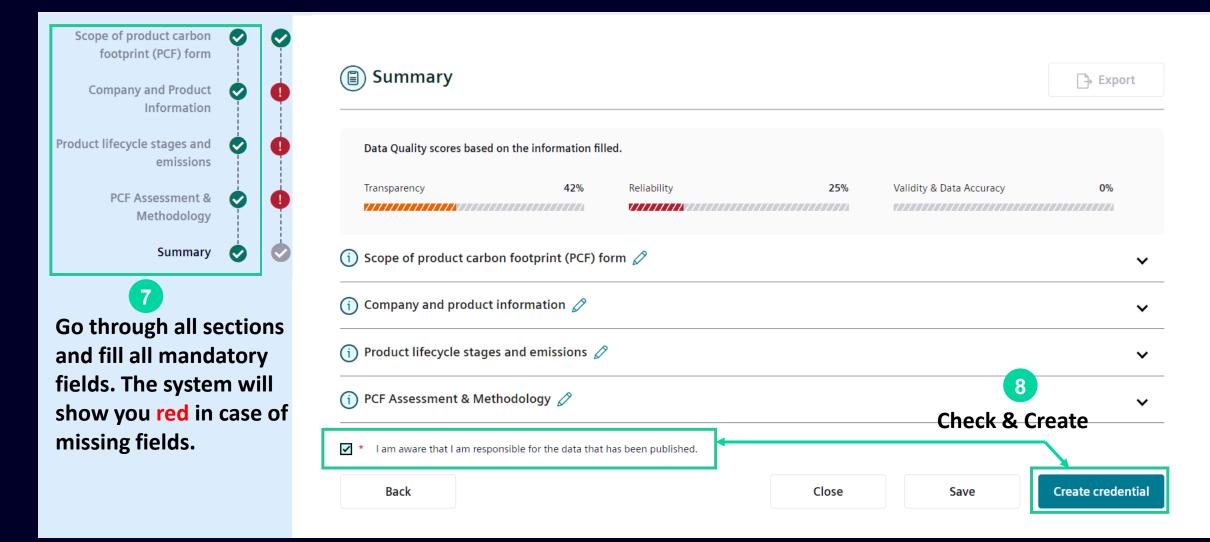
Create a PCF Credential Manually Product Manager Controls



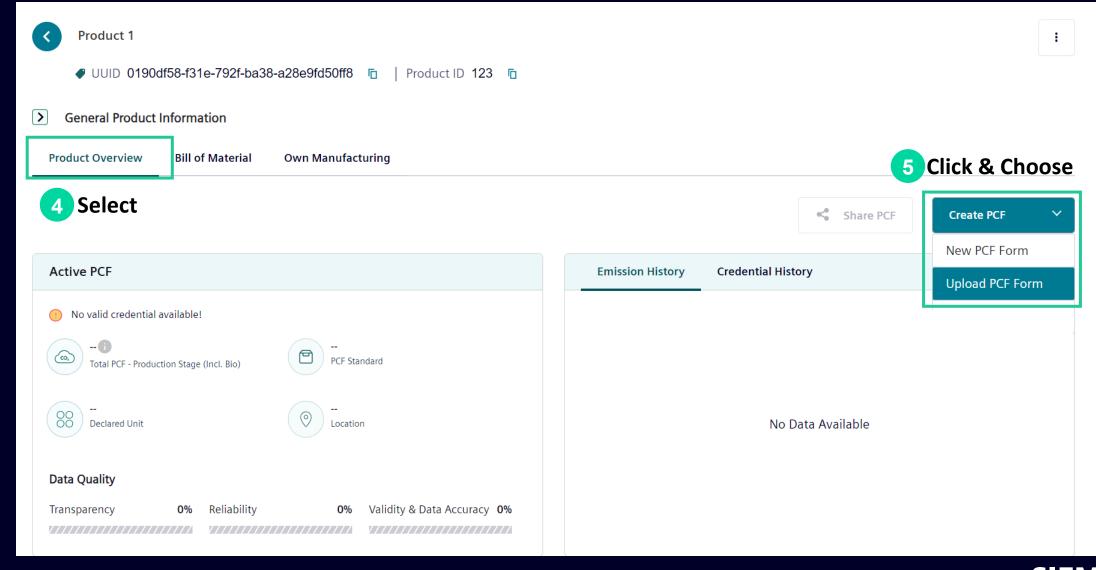
Create a PCF Credential Manually Product Manager Controls

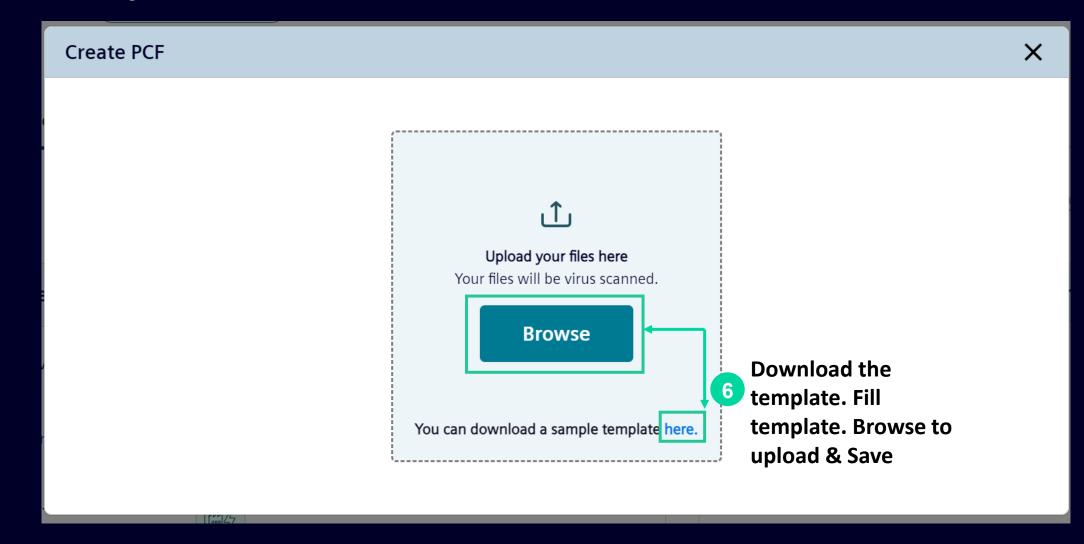
Scope of product carbon footprint () (PCF) form	Scope of product carbon footpri	nt (PCF) form	Export
Company and Product Information Product lifecycle stages and emissions	Data model and version*		
PCF Assessment & Methodology Summary Data Quality Scores (PACT V2.0.0 PACT V1.0.	.1 TFS V2 Catena-X V2	2
Transparency 0% Reliability 0% Validity & Data Accuracy 0%	Catena-X V1 ISO 14067	7 EPD Style	6 Select the relevant
	Limited or full declaration* Mandatory inputs only Mandatory and optional inputs		standards and click "Next"
	Partial or a full PCF* 💿		
	Cradle-To-Gate		
		Close	Save Next
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Create a PCF Credential Manually Product Manager Controls

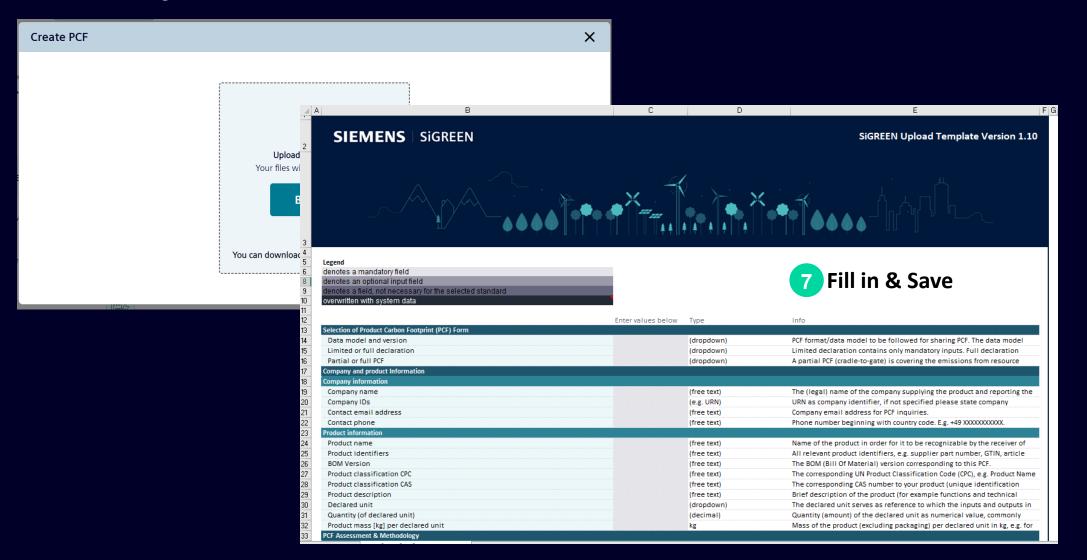


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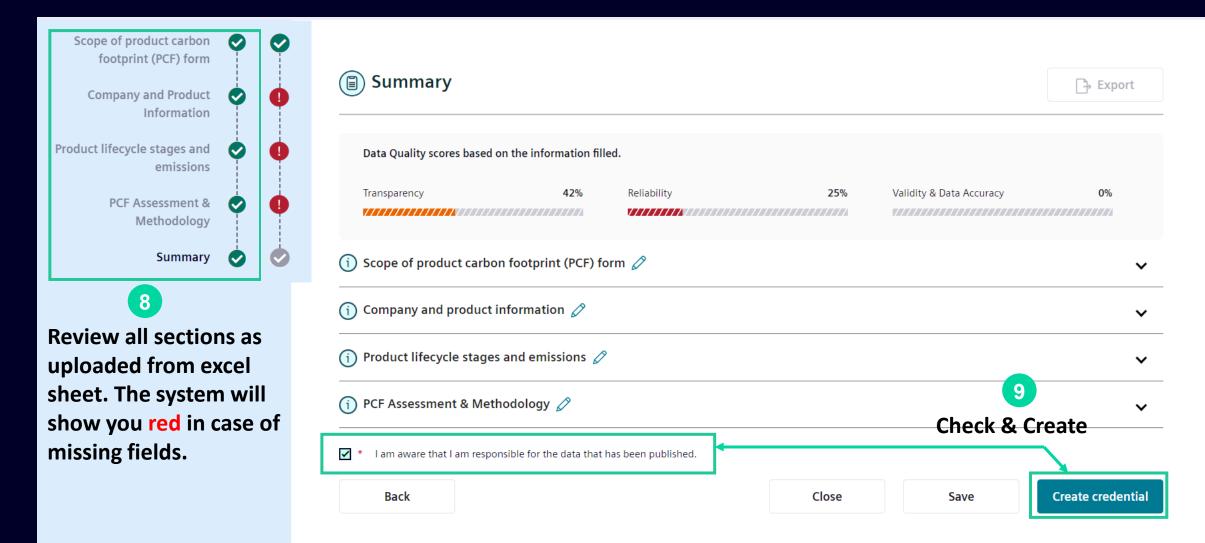










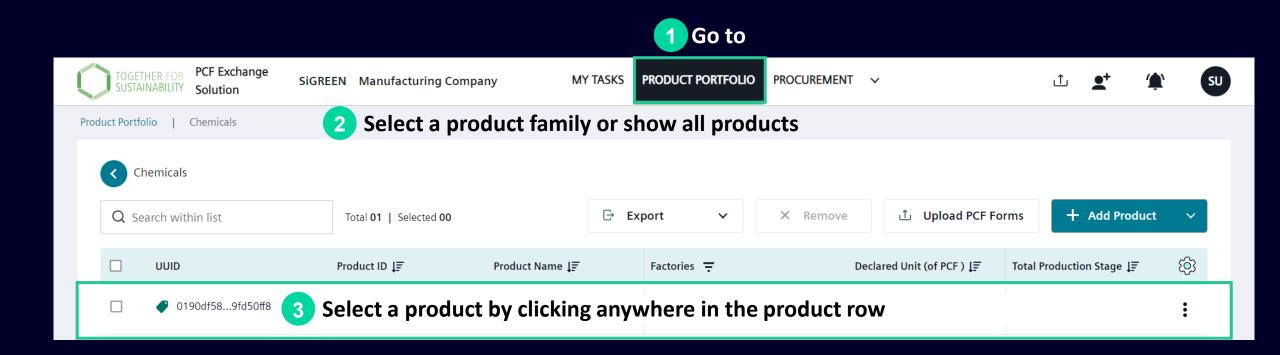






After creating a PCF Credential, if edits are needed or new changes need to be made, a PCF can be exported into a draft with the previously filled data.







Product 1 Id123								
> General Product Inf	ormation							
Product Overview	Bill of Material Own Manuf	acturing						
4 Go To							Share PCF	Create PCF 🗸 🗡
Active PCF				Emission Hi	istory Credential H	istory		
PCF info from credent 1 kg CO2e Total PCF - Production 1 kg Declared Unit Data Quality Transparency	48.48% Reliability	ACT V2.0.0, TFS V2 CF Standard urope ocation 25% Validity & Data Accuracy	0%			No Data Availat	5	Choose
Credential Wallet	Emission Data					Automated pr	roof sharing for a	Export Credential
						() Active	e credential 🛛 🚺 🗕	O Revoke Credential
Date Created ↓	Own Manufacturing	Upstream	Producti	on Stage	PCF State	Validity	Sha	Delete
07/May/2024			1 kg CO₂	e	Self Publishe	d Valid	[<u>]</u> 0	Ĭ
12/Feb/2024			1 kg CO ₂	e	Expired : Self Pub	lished Valid	0	:

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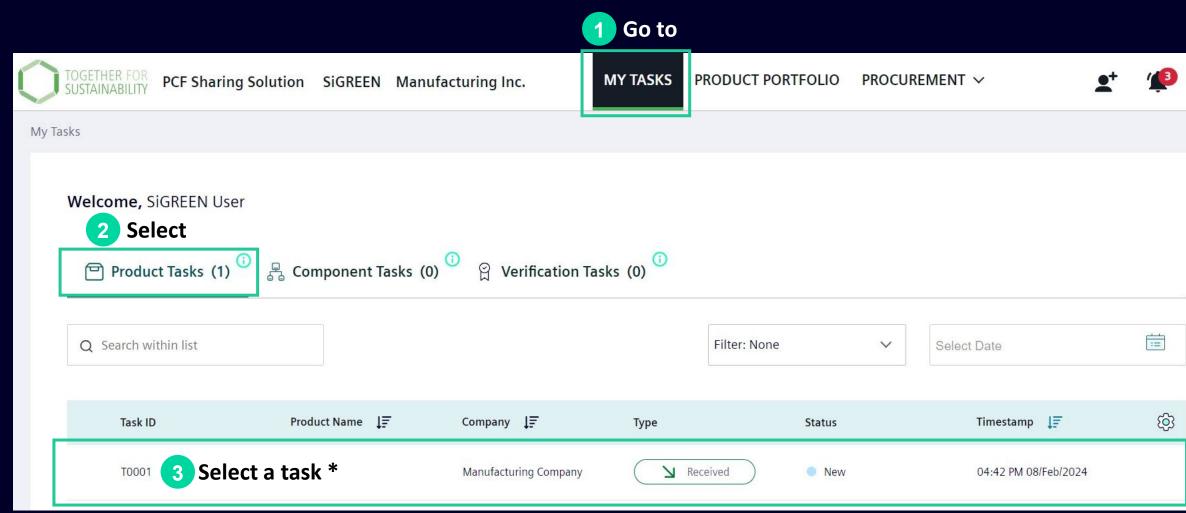
:								
Share PCF Create PCF V								
Emission History Credential History								
No Data Available								
Data Quality								
Transparency 48.48% Reliability 25% Validity & Data Accuracy 0%								
Credential Wallet Emission Data Encoded at Credential Credential Wallet Emission Data								
Active automated aredentia								
oduction Stage PCF State Validity Share								
g CO ₂ e Self Published Valid () O Delete								
g CO ₂ e PCF Draft B 0								
g CO ₂ e Expired : Self Published Valid								
Q								

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Prior to sharing a PCF, your Customer should send you a PCF request at least once. After creating your PCF, you can share it with your customers.





* A product task is a PCF request received from your customer



Bottle 0.3L CHEMCO009 Product Task T0021 From Manufac Request Overview Link Product Message from Customer	cturing Company Austria Comments Histor	/			• New	Creat Creat	People or Manufacturing Company Austria nee Unassigned
Dear Manufacturing Inc., We would like to request the PCF for the PCF Overview	Category	D.3L Customer Request	Your PCF shared	Data Quality Transparency	0%	<i>k</i>	Check Product Request and Proceed to share PCF
Total Production Stage kg CO _z e	 Declared Quantity PCF standard Location 	 Catena-X V2 Chengdu	 	Validity & Data Acc	0% curacy 0%	F	PCF



Bottle 0.3L CHEMCO009		Ne	w	People
Product Task T0019 From Manuf	acturing Company Austria			Creator
Request Overview Link Product	Comments History			Manufacturing Company Austria
Bottle 0.3L was not found. Link with another	er Product		*	Assignee 🕕
Suggested Products Other Product	cts (7)			🕐 Unassigned
				Assign to me
Q Product 1 X				5
ldentifier	Product Name 🛛 🖵	Factories		Select a Product& Link it to the
Id123	Product 1	Munich, Germany		respective
				request
			_	
			•	
		+ Add Product	Product	



¢	Product 1	ld123	View Product					New	✓ People
	Product Task T002	1 From Manu	facturing Compa	ny Austria					Creator
Rec	quest Overview	PCF Info	Comments	History					Manufacturing Company Austria
() Sta	ndard of selected PCF	doesn't match the	e standard requested	d by your customer.					Assignee 🕕
	PCF Credential ID	Created On	Shared On	Standard	Unit	Total PCF	PCF State	PCF Status	? Unassigned
۲	3ee36af2-653e-4b41	07/May/2024		PACT V2.0.0, TFS	kg	1 kg CO₂e	Self Published	-	Assign to me
0	bf5daf8d-3141-4776-a	a 12/Feb/2024		TFS V2, ISO 14067	kg	1 kg CO₂e	Expired: Self Published	-	Select a 6 Credential,
•									add
							<	1 > Page 1 of 1	comment, assign users if necessary & share proof
							🔀 Unlink Product	< Share Proof	L



Bulk uploads on SiGREEN

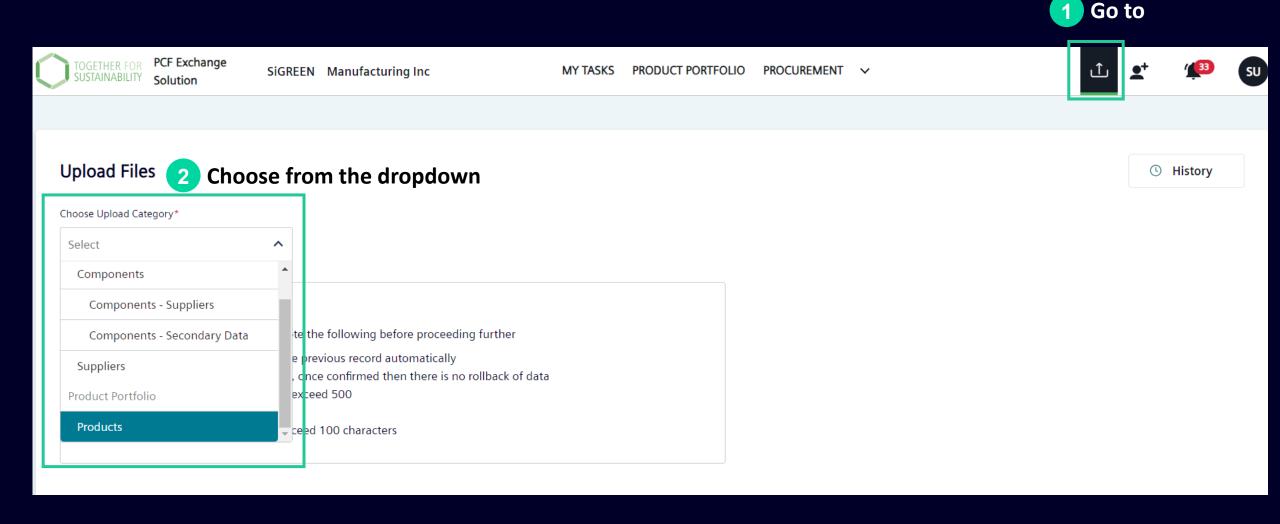


SiGREEN now allows for bulk uploads in one location.

Note: for bulk upload feature to properly work, the Company Admin must add all the Identifier Types for your company under the Company Information. An error message is displayed if the identifiers are not configured.

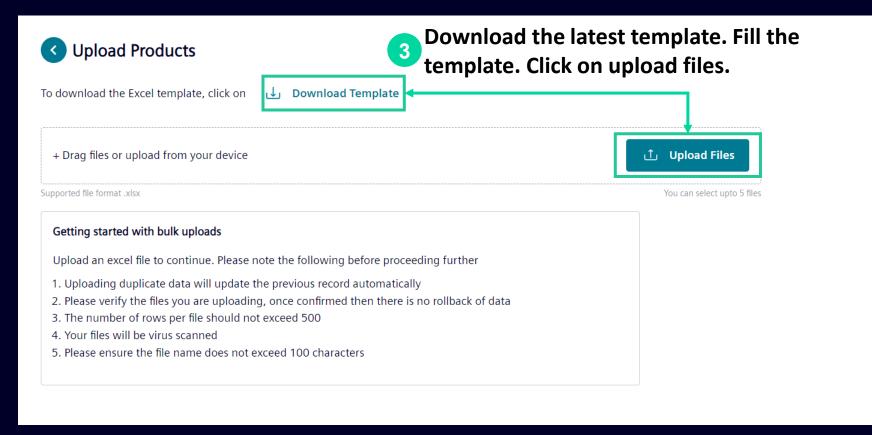


Bulk Uploads on SiGREEN





Bulk Uploads on SiGREEN

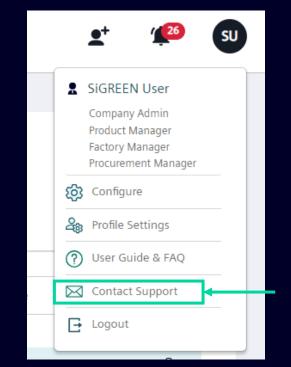


If you would like to edit your products or the data, you have entered in SiGREEN. Follow this guide.



Help Section How to contact support

For general questions, issues or suggestions related to SiGREEN contact our support team:



You can always use our <u>User Guide</u> for more information.



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