

CleanBC Industrial Incentive Program (CIIP)

May 26, 2021

Presentation Overview



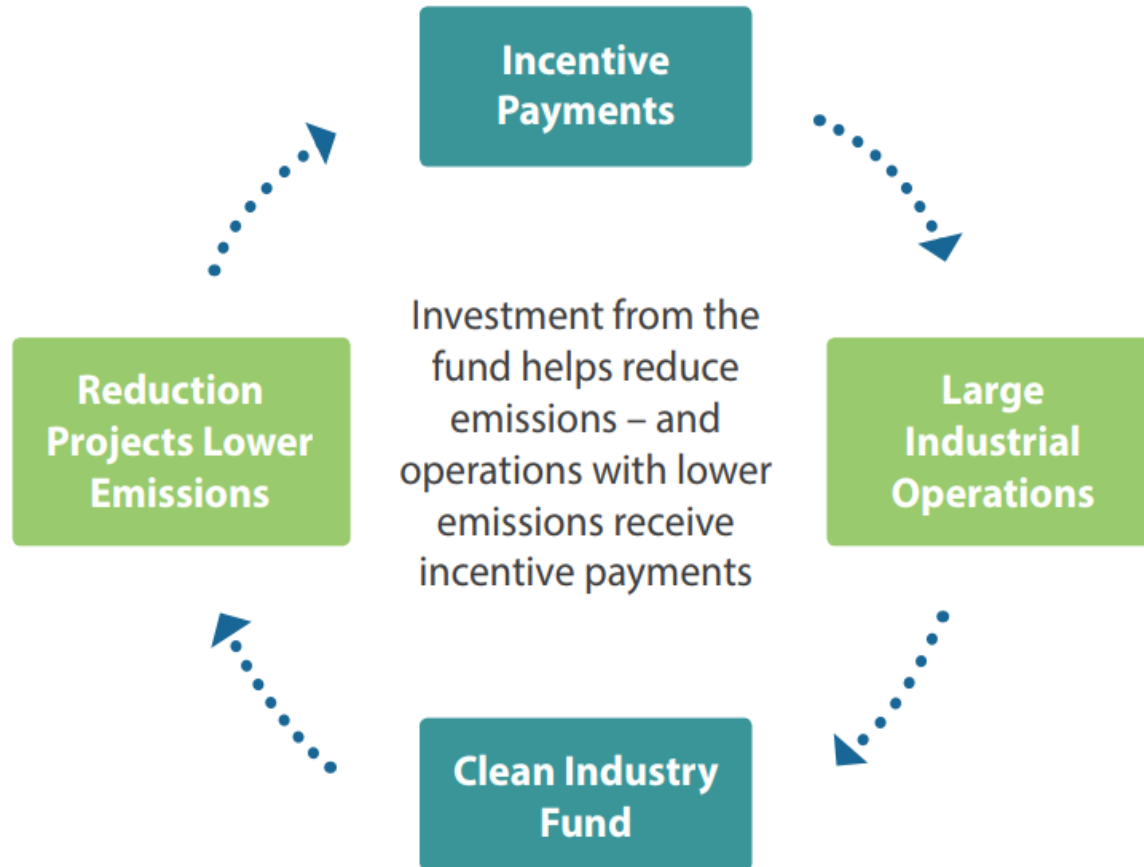
Context	<ul style="list-style-type: none">• Background about CleanBC Program for Industry
CIIP in a nutshell	<ul style="list-style-type: none">• Benchmark and Eligibility Thresholds• CIIP Program Requirements
Application Process	<ul style="list-style-type: none">• Process Chart for the Next CIIP Cycle and Highlights• Timeline
Registration and User Access	<ul style="list-style-type: none">• Existing Users• New Users
CIIP Web Application (“CIIP System”)	<ul style="list-style-type: none">• Overview of the CIIP Web Application (“CIIP System”)
Guidance Materials	<ul style="list-style-type: none">• General Guidance and Calculator Guidance for Industrial Sectors and Associated Calculators
Demo of CIIP System	<ul style="list-style-type: none">• Demo of the CIIP Web Application (“CIIP System”)
Question & Answer	

Context



- In Dec 2018, government announced **CleanBC** to reduce climate pollution and build a low-carbon economy
- Includes **CleanBC Program for Industry (CPI)** with the following objective:
 - Enhancing British Columbia’s competitive advantages while reducing our own GHG emissions intensity
- Two CPI Initiatives:
 - **CleanBC Industrial Incentive Program (CIIP)**: incentive payments based on operations’ emissions intensity compared to a **world-leading performance benchmark**
 - **CleanBC Industry Fund (CIF)**: funding for industrial emissions reduction projects
- The program is funded by the carbon tax paid by industry above \$30/tonne

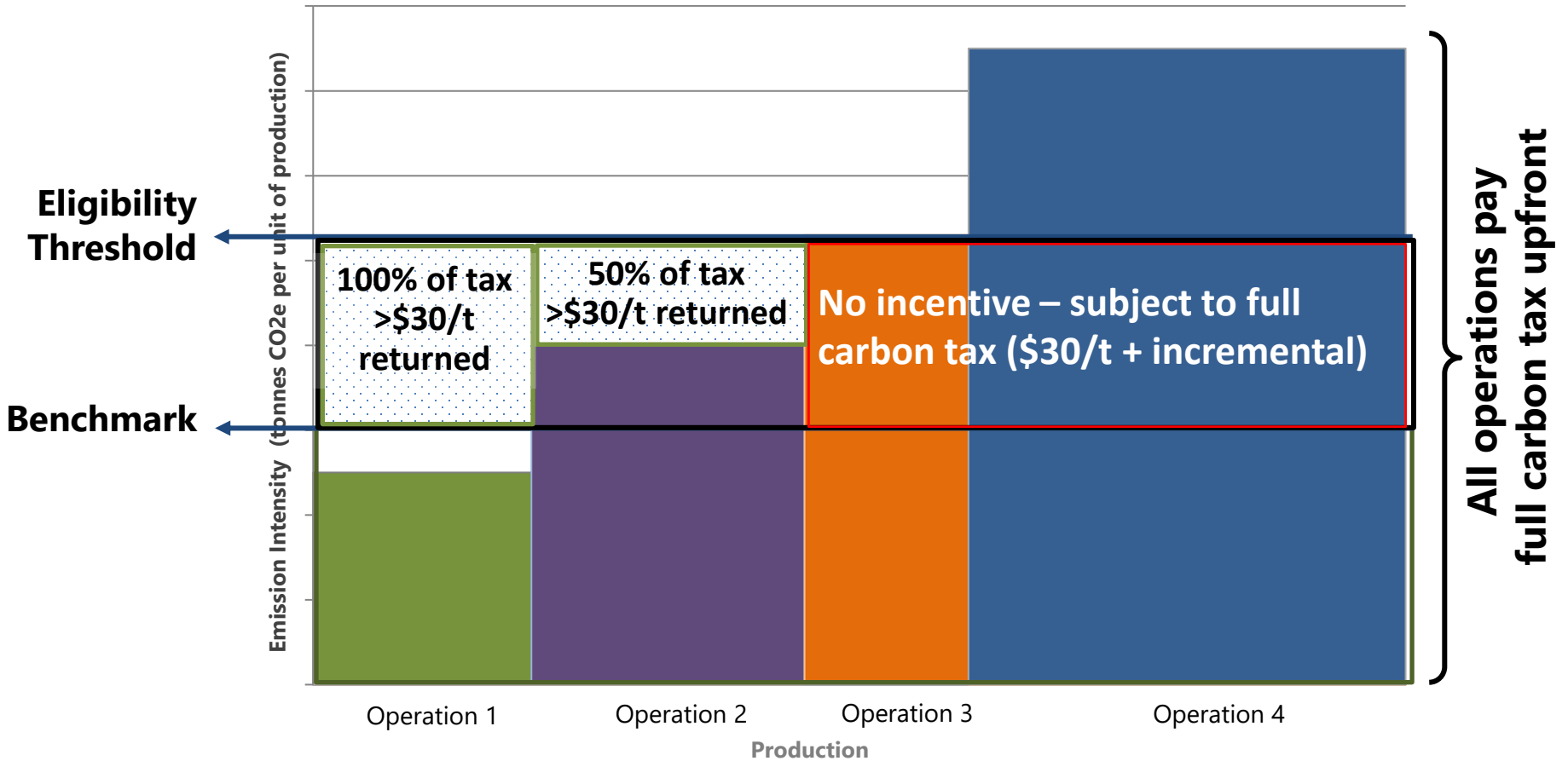
CleanBC Program for Industry **cleanBC**



Eligibility Criteria:

- Must be a GGIRCA “reporting operation”
 - » Emit 10,000+ tCO₂e, excl. Sched. C Biomass
 - » Submit an emissions report for the previous reporting year by deadline of current year
 - » Not a waste treatment, power generation or natural gas distribution operation (ineligible sectors)
- Material non-compliance under GGIRCA could result in ineligibility or impact future payments under CIIP
- Must submit a certified CIIP application with complete additional information (production, energy imports/exports, etc.) together with verification statement and verification Report (+25,000 tCO₂)

CIIP in a Nutshell



Transition

CIIP 2019
Transition Year

- Collection of data and developing Benchmarks.
- Incentive Ratio of 75% to all applicants.



CIIP 2020
Transition+ Year

- Assessing and improving the program.
- Recognizing the competitiveness concerns and COVID-19.
- Incentive Ratio based on emissions performance with 75% floor payment subject to submitting eligible Emissions Reduction Plan (ERP).



CIIP 2021
Regular Year

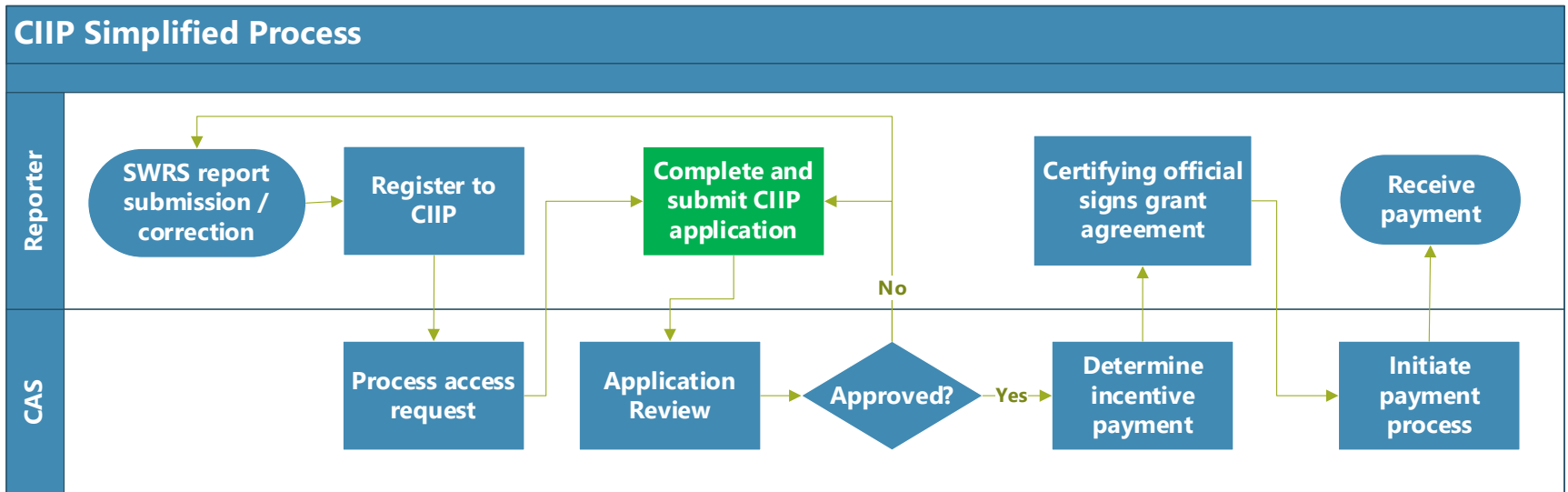
- Continuous Improvement
- Carbon Tax froze at the level of 2019 because of COVID 19
- Incentive Payment based only on emissions performance.
- Funding available to CleanBC Incentive Fund is expected to increase substantially.

CIIP 2021 Updates

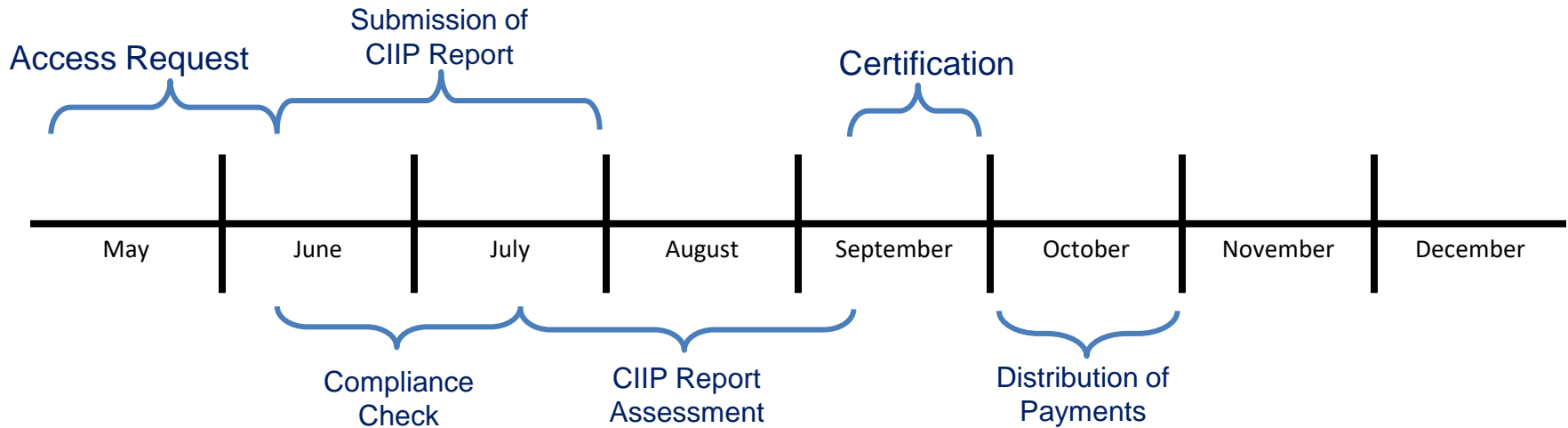


- Updated CIIP Web Application (“CIIP System”).
- Updated guidance documents and calculators.
- Certification step by certifying official prior to each submission is replaced by applicant sign-off by the person submitting.
- Certification step by certifying official is merged with grant letter.
- There will be no Initial Payment.
- No minimum incentive payment floor (i.e. ERP).
- Verification requirement is the same as before
 - more comprehensive verification policy for next CIIP cycle.

Application Process - Simplified



2021 Cycle Timeline

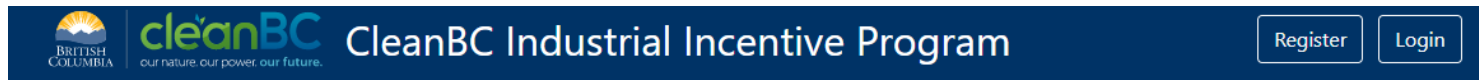


May 31	SWRS emission report
May 31	Verification statement (unless an extension has been approved)
June 8	Application cycle opens
July 31	Deadline to submit CIIP application

- Existing users can access the CIIP system any time to view previous applications, but cannot start a new application until new cycle opens.

CIIP Web Application (“CIIP System”) Registration & User Access

- Go to <https://ciip.gov.bc.ca/>



What is the CleanBC Industrial Incentive Program?

The CleanBC Industrial Incentive Program (CIIP) is part of the CleanBC Program for Industry, which applies to large industrial operations that report their emissions under the Greenhouse Gas Industrial Reporting and Control Act (GGIRCA).

The CIIP helps encourage cleaner industrial operations across the province by reducing carbon tax costs for facilities that can demonstrate they operate near world-leading emissions benchmarks.

As the price of carbon rises, the CleanBC Program for Industry will support competitiveness and facilitate emission reductions using revenues from the carbon tax that industry pays above \$30 per tonne carbon dioxide equivalent (tCO_{2e}).

Apply for the CleanBC Industrial Incentive Program (CIIP)

The due date for CIIP application forms has passed. You may still log in to view your submitted CIIP applications and submit any changes requested by the Climate Action Secretariat.

[Register and Apply](#)

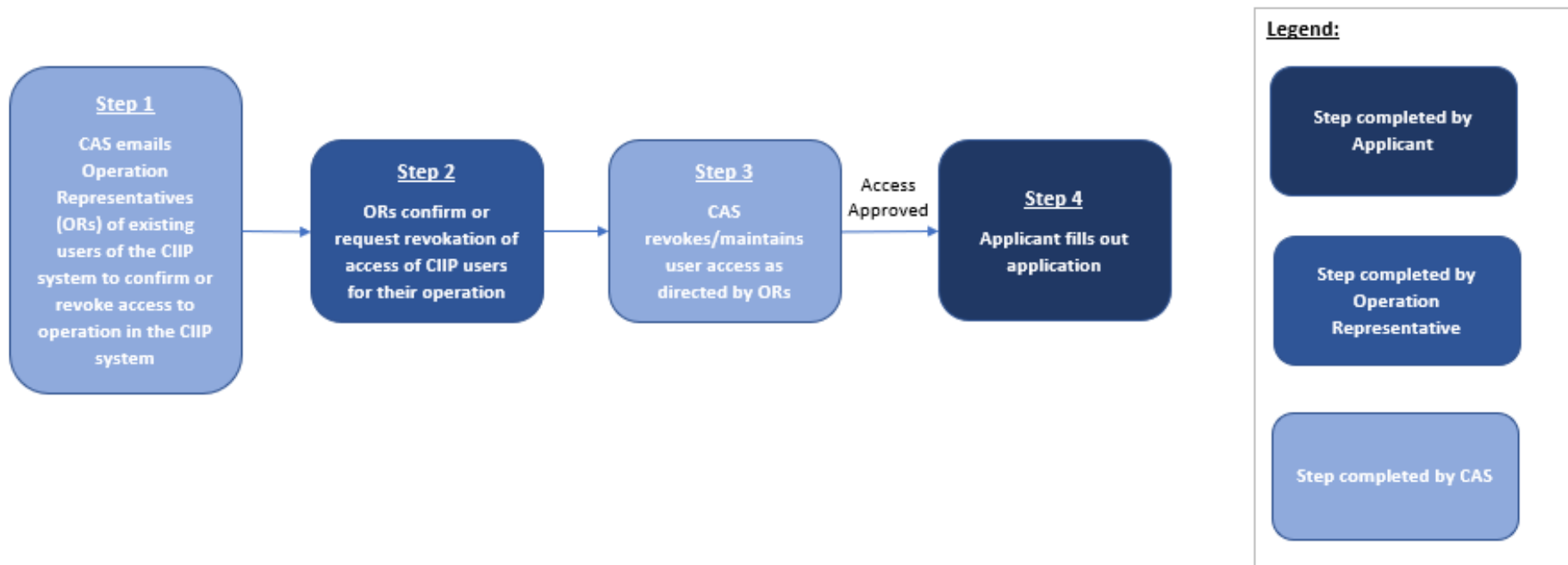
[Already have an account? Click here to login.](#)

CIIP Web Application (“CIIP System”) Registration & User Access

- To complete a CIIP application:
 - Register on the CIIP Web Application (“CIIP System”) at <https://ciip.gov.bc.ca/>
 - On the CIIP System, request access to the operator for which to complete a CIIP application
- Access to an operation on the CIIP System allows users to see data from the operator’s SWRS GHG Report
- The Operation Representative must authorize the applicant’s access request
- CAS grants/rejects access to the user as authorized by the Operation Representative

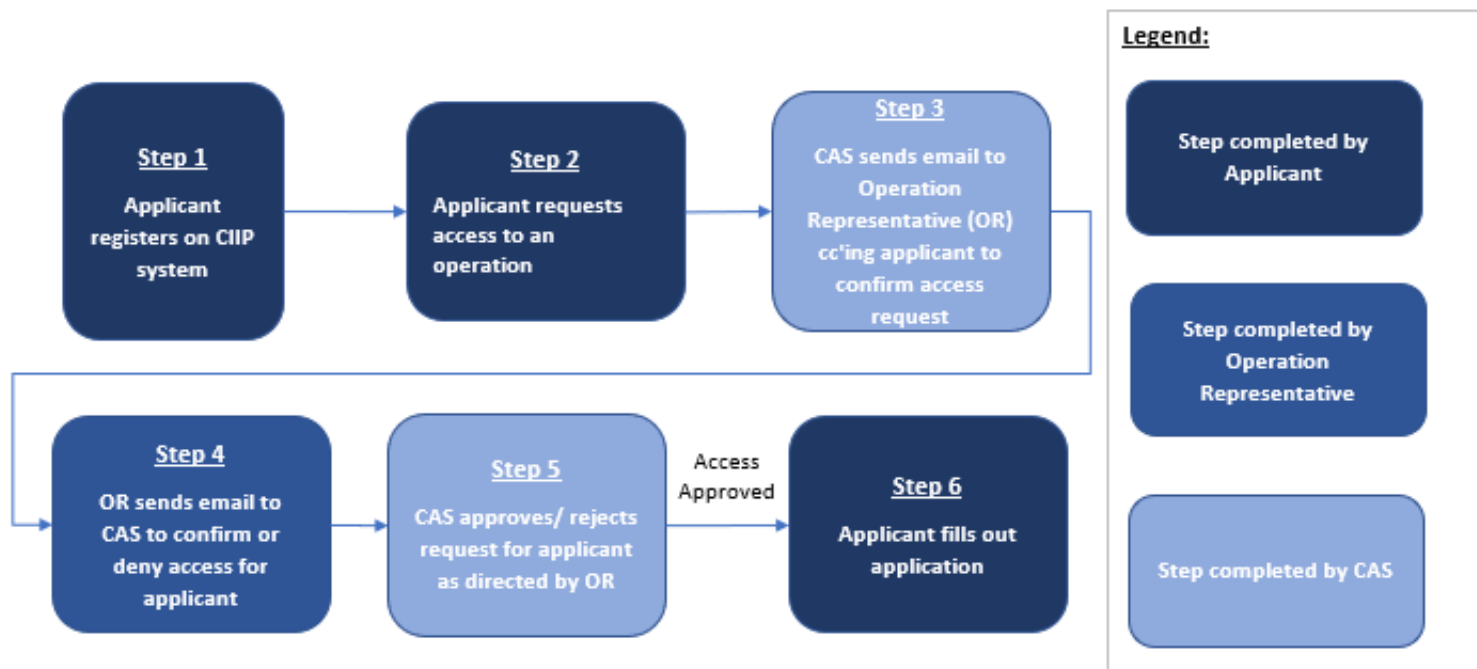
Existing CIIP System Users

- Process for users who obtained access to an operator on the CIIP Web Application (“CIIP System”) in 2020



New Access Requests

- Process for new users; and
- Existing users requesting access to a different operator



Completing a CIIP Application

- Select facility and reporting year

Reporting period

2020

Operator Name	Facility Name	Facility Type	BC GHG id	Reporting period of last SWRS report	Application Status	Application #	
<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	2020	...	<input type="text" value="Search"/>	<input type="button" value="Clear"/> <input type="button" value="Apply"/>
██████████	██████████	IF_a	██████████	2020	Application not started		<input type="button" value="Apply for CIIP for this facility"/>

Sections

- Administrative Data
- SWRS Onsite Emissions
- Fuels
- Production and Emissions Allocation

- Data pre-populated from SWRS
 - May take approx. 10 business days; if no data is available, try again in a few days
 - Review and confirm data
 - If updates, also update in SWRS
 - Some instances where information reported differently from SWRS → see guidance

CIIP Application – Administrative

Administration Data ✓ Form input saved

[Add a comment](#)

Facility Information

Facility Name * Facility Type *

Operator Information

Legal name * Trade name *

NAICS code * BC Corporate Registry number *

Operator Mailing Address

Street address * City *

BC GHG ID

- Not requested

Legal name and BC Corporate Registry Number

- Should match - see [OrgBook](#)
- Grant payment will be issued to this name

Primary NAICS code

- Determines products available to report

Primary Application Contact
The person who should be contacted regarding this application

First Name * Last Name *

Position/Title * Organization *

Email Address * Telephone Number *

Secondary Application Contact
Optional - Someone authorized to access this application

First Name Last Name

Application contact

- Primary contact – who should CAS be in touch with about the application
- Secondary contact – optional (must be someone who has been granted access to the application)

CIIP Application – Emissions and Fuels

SWRS Onsite Emissions

- Review and confirm
- Should be same as in SWRS

Fuels

- Review and confirm
- Should be same as in SWRS
- Oil and gas sector – different from SWRS in reporting flaring and venting

Emission ✓ Form input saved

[Show gases with no reported emissions](#)
[Add a comment](#)

General Stationary Combustion	Tonnes	GWP	Tonnes (CO2e)
CO2nonbio <small>Carbon dioxide from non-biomass</small>	<input type="text" value="1,234"/>	X 1 =	1,234
CO2bioC <small>Carbon dioxide from biomass not listed in Schedule C of GGERR</small>	<input type="text" value="234"/>	X 1 =	234

Fuel ✓ Form input saved

[Add a comment](#) Remove fuel

Fuel Name *	Quantity *	Units
<input type="text" value="Ethanol (100%)"/>	<input type="text" value="2,345"/>	<input type="text" value="kL"/>

Emission Category *

[Add a fuel](#)

CIIP Application - Production

Production and Emissions Allocation

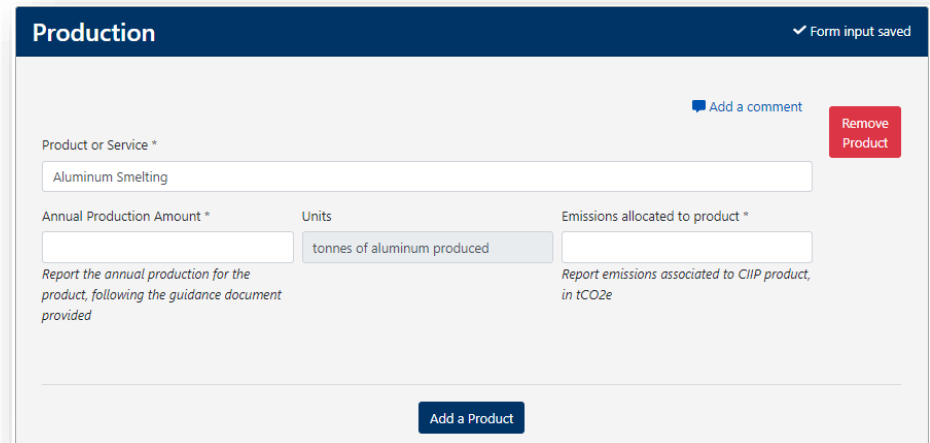
Review sector guidance documents on [CIIP website](#) for

- How to report production
- Allocating emissions and which to include or exclude
- Allocating if more than one product applies

e.g.
$$E_{Facility}^{CIIP} = E_{Attr.}^{SWRS} - E_{CO2bioC}^{SWRS} + E_{Purchased}^{Electr.}$$

Note:

- CO2bioC (Schedule C biomass CO₂ emissions) are excluded
- Purchased electricity to be reported by all facilities (may or may not factor into incentive calculation depending on sector - see guidance)
- Electricity and heat are reported as products (if not applicable, enter “0”)



The screenshot shows a web form titled "Production" with a "Form input saved" indicator. It includes a "Product or Service" dropdown menu with "Aluminum Smelting" selected. Below this are three input fields: "Annual Production Amount" (with a note: "Report the annual production for the product, following the guidance document provided"), "Units" (with "tonnes of aluminum produced" selected), and "Emissions allocated to product" (with a note: "Report emissions associated to CIIP product, in tCO2e"). There are "Add a comment" and "Remove Product" buttons, and an "Add a Product" button at the bottom.

CIIP Application Submission

Summary page

- Review all data
- Automated checks for some errors or inconsistencies
 - (SWRS vs CIIP data, emissions vs fuels reported, no primary (non-energy) product reported, emissions intensity within expected range)
- Address any warnings (correct or explain identified inconsistencies)
- Review legal terms
- Submit application

No certification requirement at this stage

Summary of your application:
Please review the information you have provided before continuing.

Some inconsistencies were found in your application. Please address these items before submitting by correcting the reported values or adding a comment in the relevant section to provide an explanation.

- There are no reported fuels in some emission categories where emissions were reported. Please report fuels corresponding to all emission categories with reported emissions.
- There is no reported production of a primary (non-energy) product. At least one product must be reported.

Your application contains errors

Please correct the errors shown below before submitting. Alternatively, you may provide justification to override this and submit without corrections. Your justification will be reviewed by CAS and may cause a delay in processing your application.

Override and Justify ▾

Administration Data -

Facility Information

Resources

- CIIP Website
 - Benchmarks and thresholds
 - **Overall program guidance**
 - Incentive Estimator
 - **Sector-specific guidance and calculators**
- CIIP Web Application (CIIP.gov.bc.ca)
 - [Support Documentation for CIIP Applicants](#) or 
 - Web app technical issues contact: GGIRCS@gov.bc.ca
(Do not use Internet Explorer to access CIIP Web Application)
- CIIP Team: GHGRegulator@gov.bc.ca

General Guidance

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General Guidance

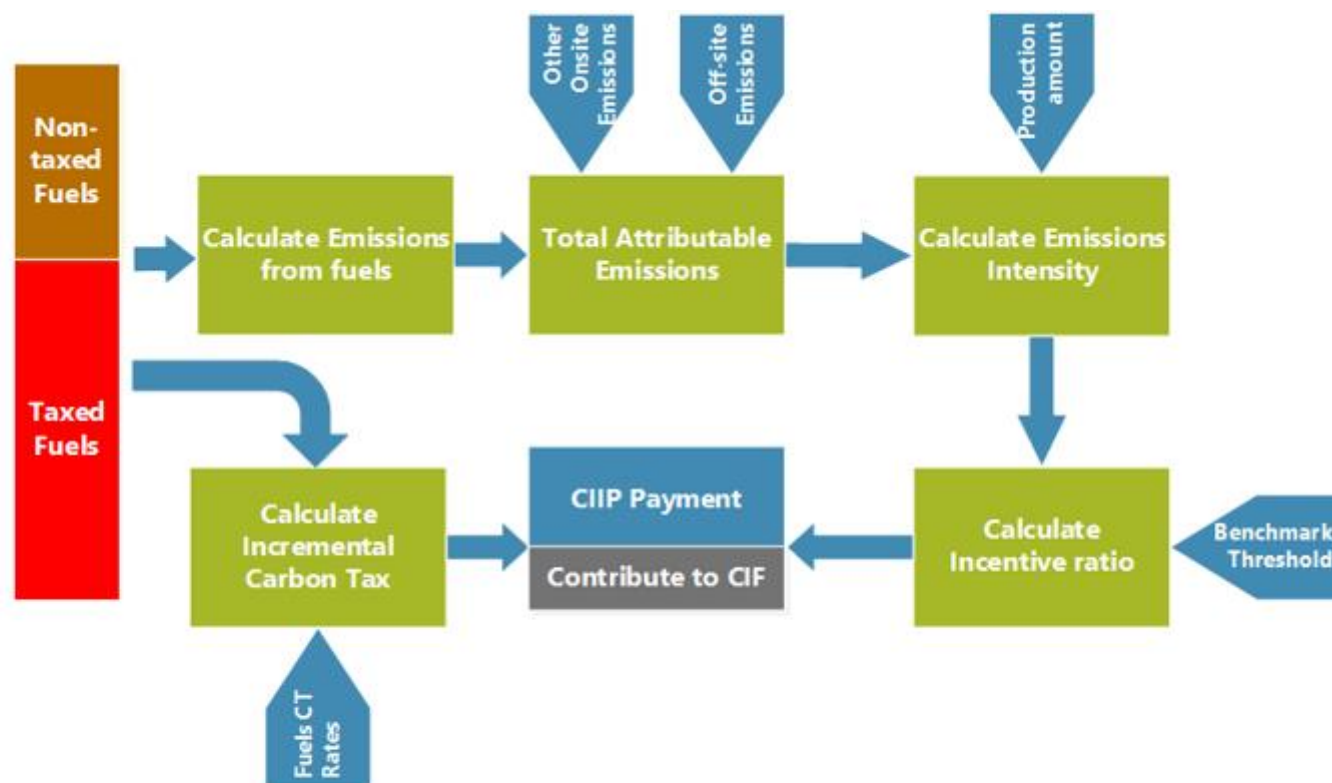
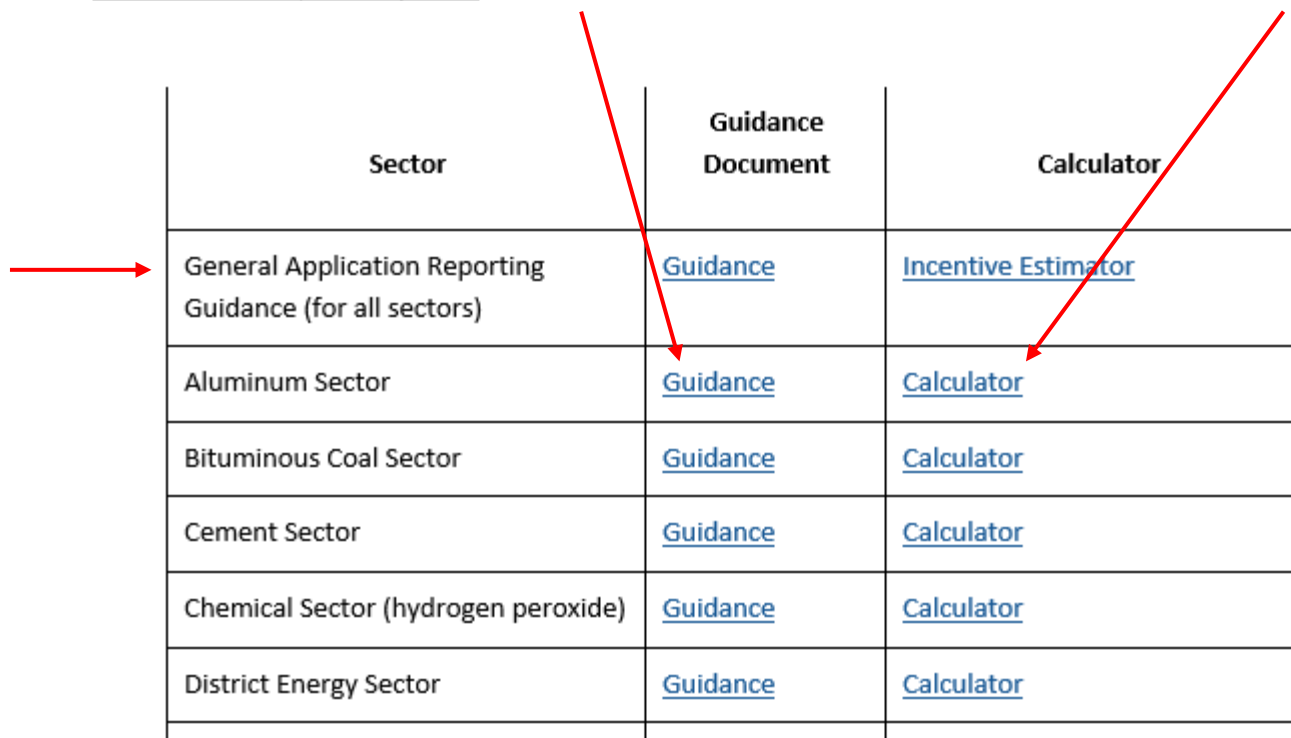


Figure 2: Process Map for CIIP Payment Calculation

Sector-specific Guidance Documents and Calculators



Sector	Guidance Document	Calculator
General Application Reporting Guidance (for all sectors)	Guidance	Incentive Estimator
Aluminum Sector	Guidance	Calculator
Bituminous Coal Sector	Guidance	Calculator
Cement Sector	Guidance	Calculator
Chemical Sector (hydrogen peroxide)	Guidance	Calculator
District Energy Sector	Guidance	Calculator

<https://www2.gov.bc.ca/gov/content/environment/climate-change/industry/cleanbc-industrial-incentive-program>

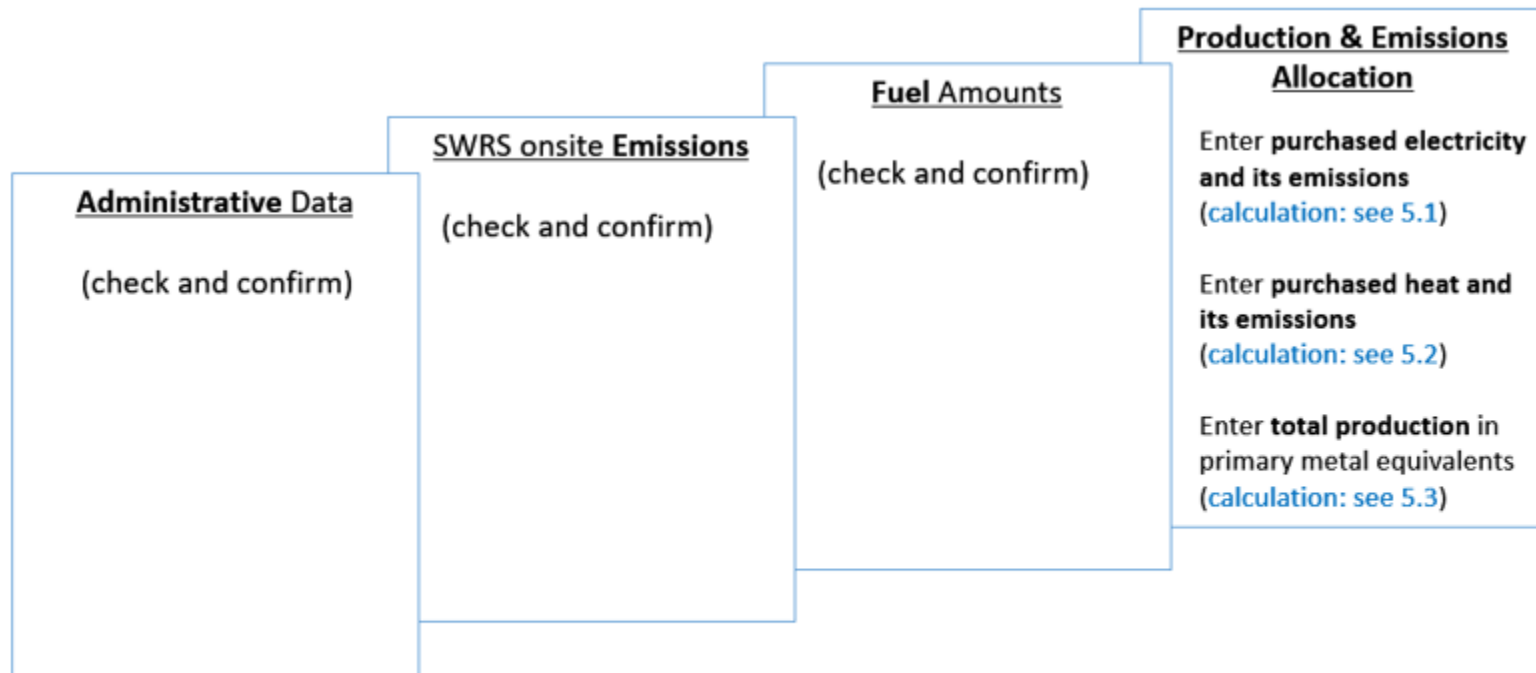
Sector-specific *Guidance Documents and Calculators*

- 1. **Applicable NAICS codes**
- 2. **Quick Summary – Main Steps in CIIP application**
 - 2.1 Complete and submit a facility emission report in the Single Window Reporting System (SWRS) .
 - 2.2 Complete and submit a CIIP application (it is pre-filled with SWRS data where applicable).....
- 3. **Facility Emissions for CIIP purposes**
- 4. **Completing a CIIP Application**
- Administrative Data
- SWRS Onsite Emissions
- Fuels
- Production & Emissions Allocation
- Allocating CIIP emissions to facility production.....
- Summary
- 5. **Calculation Methodologies**
- 5.1 Calculating emissions associated with purchased grid electricity
- 5.2 Calculating emissions associated with purchased heat
- 5.3 Calculating total facility production in terms of primary metal equivalent



Sector-specific Guidance Documents and Calculators

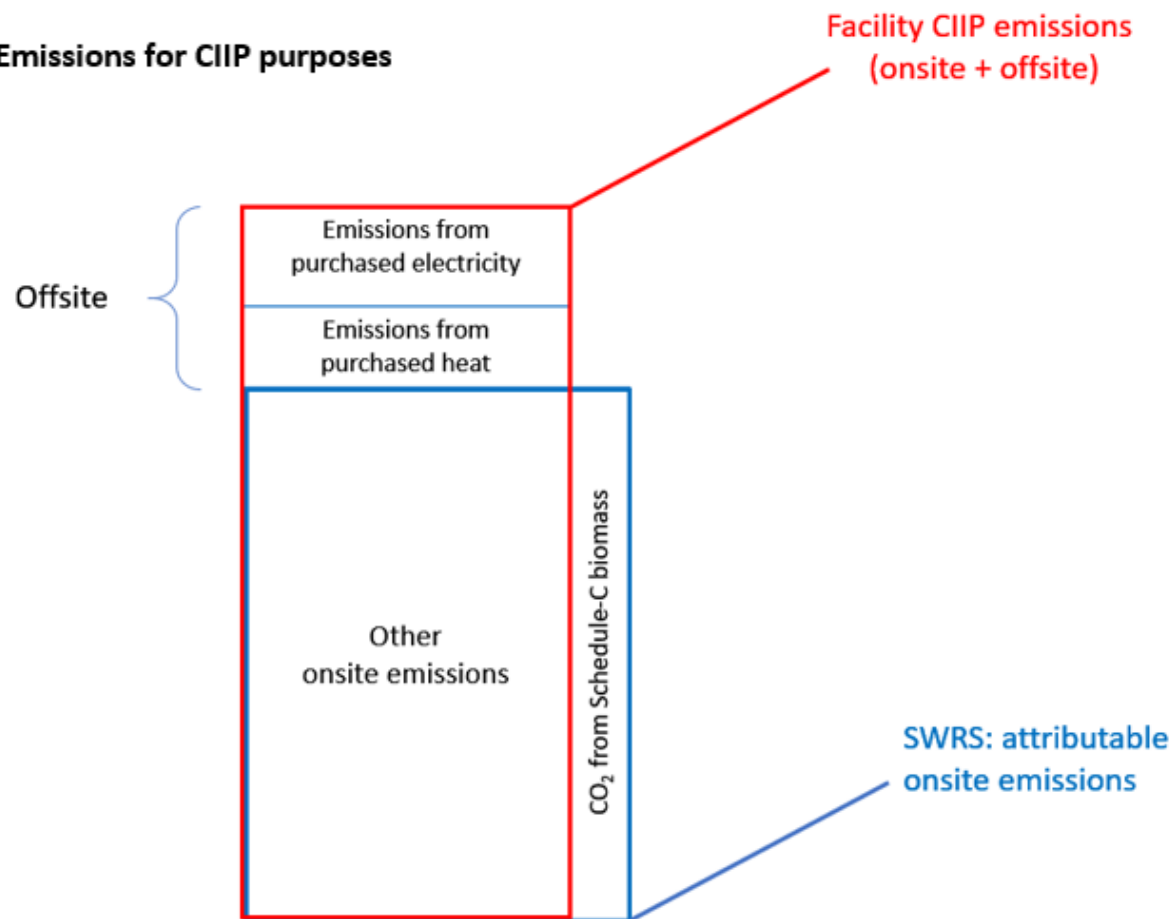
→ 2. Quick Summary – Main Steps in CIIP application



(calculation) steps are detailed in section 5. **Calculation Methodologies** below.

Sector-specific Guidance Documents and Calculators

→ 3. Facility Emissions for CIIP purposes



Sector-specific Guidance Documents and Calculators

→ 5.1 Calculating emissions associated with purchased grid electricity

The ministry provides a calculator spreadsheet with the appropriate calculation formulas built in, to assist in calculations at this step of the CIIP application process (available via e-mail and [at this link](#)).

In the blue cell, enter the amount of purchased electricity (in GWh).

Emissions associated with purchased grid electricity are then automatically calculated and displayed in cell G13, in tonnes CO₂e. For example:

Purchased Electricity				
INPUT each variable listed below:				
Purchased Electricity				
	Electrical Grid:		Amount	Units
Emissions Intensity Factor of Grid	Integrated Grid	EIF _{El.Grid}	40.10	tCO ₂ e/GWh
Amount of electricity purchased		Q _{EL_PURCHASED}	300.00	GWh
Emissions from Purchased Electricity		E _{EL_PURCHASED}	12,030.00	tCO ₂ e

Choose grid from dropdown menu

Enter the amount of emissions from purchased grid electricity in the CIIP application.



Q & A

