

FIS CO₂ Calculator – Action Guide

1. Introduction

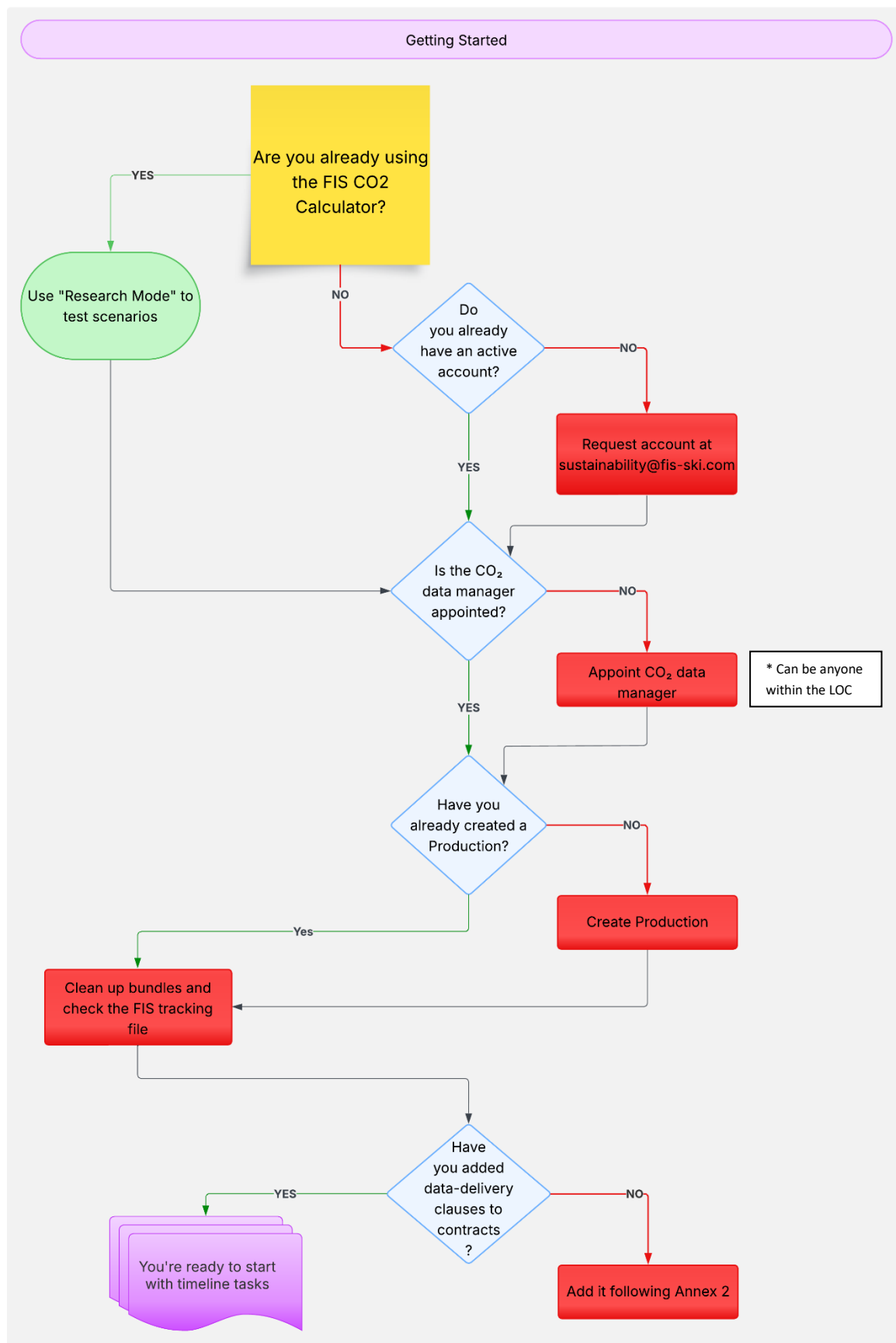
The FIS CO₂ Calculator: measure, manage, and helps reduce the carbon footprint of ski and snowboard events. It's a practical free tool to guide sustainable choices, compare scenarios, and lower emissions across every aspect of your event.

2. How to start

Total estimated time needed depends on the accuracy of the data collection- approx. 2-8 days

- **Access to the calculator:** log in as soon as you receive access, since activation links expire quickly.
- **CO₂ data responsible:** each LOC should appoint someone within the team to handle CO₂ data (no new role required), coordinating data collection and communication with suppliers.
- **Create a Production:** set up a new Production in the calculator. Keep one version for official reporting and use a parallel version (Research/Budget) to test scenarios (e.g. menu options, transport modes).
- **Template bundles:** before entering data, review the template bundles and delete those not relevant to your event to avoid confusion.
- **Tracking file:** use the Tracking file provided by FIS to identify the main required data categories. Within the tool, additional categories may appear. Use the file to assign responsibilities across suppliers and LOC staff.
- **Supplier contracts:** if contracts are not yet signed, include clauses requiring suppliers to provide the necessary data after the event (see Annex 2).

A visual guide of the above-mentioned steps can be found at the next page.

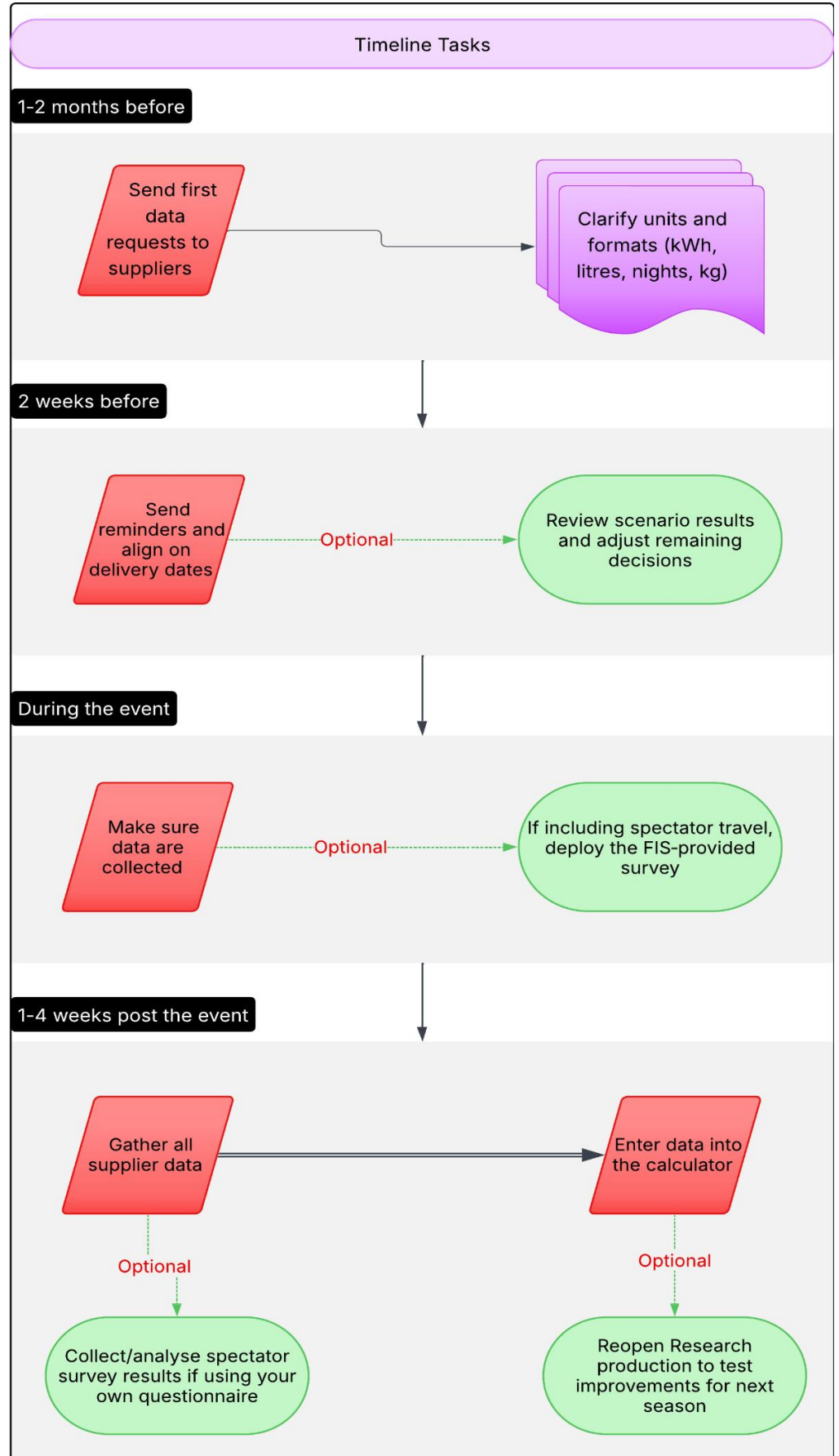


3. Timeline – Checklist (task by task)

Use this checklist as your working tool. Tick each box when the task is completed.

Done	When	Task
☐	2-6 months before	Nominate the CO ₂ data manager
☐	2-6 months before	Create the Production in the calculator
☐	2-6 months before	Clean up templates - delete irrelevant bundles from your production
☐	2-6 months before	Review the FIS tracking file and work on it
☐	2-6 months before	Assign responsibilities to suppliers/staff
☐	2-6 months before	Insert data-delivery clauses in contracts, if possible
☐	2-6 months before	Start scenario testing in Research Production (optional)
☐	1-2 months before	Send first data requests to suppliers using the tracking file
☐	1-2 months before	Specify required units and formats (kWh, litres, nights, kg)
☐	2 weeks before	Send reminders and align on delivery dates
☐	2 weeks before	Review scenario results and adjust remaining decisions (optional)
☐	During the event	Make sure data are collected
☐	During the event	If including spectator travel, deploy the FIS-provided survey (optional)
☐	1 to 4 weeks post-event	Gather all supplier data (energy, waste, catering, accommodation, ...)
☐	1 to 4 weeks post-event	Enter data into the calculator
☐	1 to 4 weeks post-event	Reopen Research production to test improvements for next season (optional)
☐	1 to 4 weeks post-event	Collect/analyse spectator survey results if using your own questionnaire (optional)

3. Timeline- Flowchart (same as the checklist)



4. Tips for success

Most of the work happens pre-event: once templates are cleaned and responsibilities assigned, post-event input is quick.

Use the FIS Tracking file as the central hub to identify who holds the data, and a shared Excel where staff can add their inputs (optional). The appointed CO₂ data responsible then uploads everything into the calculator, while scenario testing should be done before and after the season.

The FIS Sustainability Team remains available for support at sustainability@fis-ski.com

Annex 1- Spectator Travel

To collect information on spectator travel, we recommend that your LOC prepares a short online questionnaire. There are two possible options:

- ◇ On-site collection: share the QR code generated from the questionnaire (Google Forms, Microsoft Forms, etc) at the venue so that spectators can scan it and complete the questionnaire during the event.
- ◇ Integrated with ticketing: even better, link the questionnaire to your ticket sales process so that each buyer is asked to complete it anonymously when purchasing.

At the end of the season, all responses will be stored directly in your form, ready for you to analyse according to your needs.

To support you, we provide:

- a ready-to-use list of questions (see below), which you can copy into your own form.

Questionnaire

- | | |
|---|--|
| <p>1. <u>Where is your starting point?</u> (Country, e.g. ITA, FRA, NOR)</p> <p>2. <u>Where is your starting point?</u> (CAP / ZIP code)</p> <p>3. <u>What was your main reason for coming here?</u></p> <ul style="list-style-type: none"> ○ Only for the FIS World Cup event ○ Other <p>4. <u>How many days of the event are you attending?</u></p> <ul style="list-style-type: none"> ○ 1 day ○ 2 days ○ 3 days ○ Other <p>5. <u>Which main transport method you used to reach the event?</u>
(main = majority of distance travelled)</p> <ul style="list-style-type: none"> ○ Diesel car ○ Petrol car ○ Electric car ○ Train ○ Bus ○ Airplane – short haul (<1,500 km) ○ Airplane – medium haul (1,500–3,500 km) ○ Airplane – long haul (>3,500 km) | <p>6. <u>Are you carpooling?</u></p> <ul style="list-style-type: none"> ○ Yes ○ No <p>7. <u>How many people are you carpooling with?</u></p> <p>8. <u>Has your trip back the same characteristics (means of transportation, return point)?</u></p> <ul style="list-style-type: none"> ○ Yes ○ No <p>9. <u>Where is your point of return?</u> (Country, e.g. ITA, FRA, NOR)</p> <p>10. <u>Where is your point of return?</u> (CAP / ZIP code)</p> <p>11. <u>Which main transport method will you use to leave the event?</u>
(main = majority of distance travelled)</p> <ul style="list-style-type: none"> ○ Diesel car ○ Petrol car ○ Electric car ○ Train ○ Bus ○ Airplane – short haul (<1,500 km) ○ Airplane – medium haul (1,500–3,500 km) ○ Airplane – long haul (>3,500 km) |
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Annex 2 – Data Collection and Sharing for CO₂ Emissions

Here's a ready to use data-delivery clause that you can add in your supplier contracts, you only need to modify the blue sections :

“The Supplier/Partner is required, as part of its contractual obligations, to provide all necessary data for the calculation of CO₂ emissions associated with the event. This includes, but is not limited to:

- *[Insert type of material/service and related quantities, with unit of measurement]*
- *[Insert transport mode(s) used and corresponding distances, with unit of measurement]*
- *[Insert logistics details required, e.g., packaging, energy use, subcontracted services]*

The Supplier/Partner shall:

1. Collect Data: Gather all relevant data related to their activities for the calculation of CO₂ emissions.
2. Share Data: Provide the collected data to the LOC and allow the LOC to use these data in aggregated form, in compliance with applicable data protection laws.
3. Accuracy and Verification: Ensure that all data provided are accurate and reliable, and allow the LOC or its designated representatives to verify the data if required.

The Supplier/Partner shall provide the requested data by *[insert deadline]* and shall supply supporting documentation (e.g., invoices, delivery notes, transport records) upon request. Provision of the requested data is a binding contractual obligation.”

As a guidance on how to complete the blank sections of this clause (e.g., which data to request, units of measurement, materials, transport modes, logistics details), please refer to the FIS Tracking File.