



Climate Action
Accelerator

Avec la
participation
de


**MINISTÈRE
DE L'EUROPE
ET DES AFFAIRES
ÉTRANGÈRES**
*Liberté
Égalité
Fraternité*

Beyond the numbers: from GHG footprint to action



Climate Action
Accelerator

HCC Technical session



Thursday 15 October 2026 | 10:00 CET



Online on Teams

Practical information

AGENDA

- 10:00 | Welcome & introduction
- 10:05 | A fast track to decarbonisation solutions
- 10:20 | Tracking emissions over the time
- 10:30 | New footprint measurements & baseline recalculation
- 10:40 | Q&A / peer exchange

- This webinar is **recorded** and will be made available on **replay** on our website and YouTube channel
- **Your audio and video is off by default**
- To ask a question, please **write in the Q&A** section. The moderator will read out questions during the Q&A session



Who we are

The **Climate Action Accelerator** is a non-profit initiative based in Geneva that aims to mobilise a critical mass of high-social trust organisations around the world to scale up implementation of climate solutions within planetary boundaries, keep global warming below 2°C and avoid the risk of dangerous drift.

The goal is to help move the aid, health and higher education sectors towards greater resilience and a radical transformation of their practices, pursuing emission reduction targets and a 'net zero' trajectory, in line with the Paris Agreement.



AID



HEALTH



HIGHER EDUCATION
& RESEARCH

Our pillars

EMPOWER

Empower organisations to reduce their emissions by 2030 and prepare for greater resilience through a hub of expertise and resources.

CHAMPION

Transform them into ambassadors of change within their networks, capable of influencing their peers.

COMMUNITY

Build a global community of action, sharing climate solutions as a universal common good, to scale up their deployment.



Partners on board



Todays' speakers



Juan Galvez

Independent Consultant
for The Climate Action
Accelerator



Quentin Roques

Climate Analytics Officer,
Climate Action Accelerator



Gaspar Doubrovik

Climate Analytics Intern,
Climate Action Accelerator

Humanitarian Carbon Calculator

WEBINAR & TECHNICAL SESSIONS 2026

Block 1:
Foundational webinars

Block 2:
Practical onboarding

Block 3:
Technical sessions

What's new
for the HCC?

26 Feb

Calculator
walkthrough

11 Jun

Emission factor
database update

17 Sep

Introducing
HCC v3

26 Nov

5 & 7 May

Greening cash &
voucher assistance

9 Jul

Data collection
challenges

**Beyond the numbers:
from footprint to action**

15 Oct

Today

10 Dec

Sectoral
methodological guide



Use this
QR code
to register



Beyond the numbers :

From GHG footprint to action

What are the following steps ?



A fast track to decarbonisation solutions

Managing results and unlocking action

A new functionality (new Excel tool) is being added to HCC v3 (to be released by end of October 2026)

The Challenge

A footprint with often more than 100 emission sources. Many potential reduction solutions. Which ones move the needle for YOUR organisation?

Excel Tool

Initial integration between HCC results and guidance to generic decarbonisation solutions

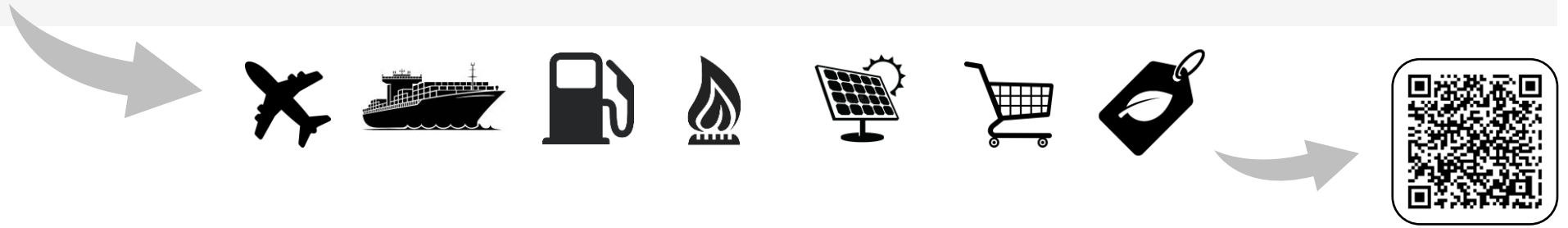
Helping prioritisation:
importance + potential + co-benefits

A quick start. Keep the dynamic. Focus your energy



Three criteria to prioritise

The **8 top decarbonisation solutions** of the humanitarian sector **ranked for your organization with your data.**



Emission Importance

*What % of
your footprint?*

Reduction Potential

*How much
can you cut?*

Co-benefits

*Cost, effort,
speed, value*



Impact beyond carbon : Co-benefits

Cost

Biodiversity

Quick wins

Local pollution

Long-term benefits for
beneficiaries

Ready-to-go (already
implemented by another
organisation)

Internal team implication

All factored into scoring specifically for humanitarian organizations



Three simple steps to action

How the new functionality (new Excel tool) added to HCC v3 will work



LOAD

Your HCC results



SCORE

Automatic analysis



DECIDE

Ranked priorities



Three simple steps to action

1

LOAD

Your HCC results
(data in tab 'PBI')

Invent ory Year	Entity	Super Entity	Scope	Category	Sub-category	GHG Protocol Category	GHG Protocol Category	Raw Data	Raw Data Unit	Uncertainty	EF ID	EF Name	EF Uncertain	EF Source	EF Year	GHG Emissions (tCO2e)
2024	ZAF-DIV005	South Africa	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	472,41	litre	75%	10 009	Diesel	10%	Conversion	2022	0,29
2024	ZAF-DIV006	South Africa	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	635,54	litre	75%	10 009	Diesel	10%	Conversion	2022	0,42
2024	GHA-DIV007	Ghana	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	225,00	litre	75%	10 009	Diesel	10%	Conversion	2022	0,14
2024	ZAF-DIV005	South Africa	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	472,41	litre	75%	10 009	Diesel	10%	Conversion	2022	1,21
2024	ZAF-DIV006	South Africa	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	635,54	litre	75%	10 009	Diesel	10%	Conversion	2022	1,78
2024	GHA-DIV007	Ghana	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	225,00	litre	75%	10 009	Diesel	10%	Conversion	2022	0,58
2024	ZAF-DIV002	South Africa	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	2806,13	litre	75%	10 009	Diesel	10%	Conversion	2022	1,71
2024	ZAF-DIV004	South Africa	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	267,12	litre	75%	10 009	Diesel	10%	Conversion	2022	0,16
2024	ZAF-DIV005	South Africa	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	388,21	litre	75%	10 009	Diesel	10%	Conversion	2022	0,24
2024	ZAF-DIV006	South Africa	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	572,24	litre	75%	10 009	Diesel	10%	Conversion	2022	0,35
2024	ZAF-DIV007	South Africa	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	125,72	litre	75%	10 009	Diesel	10%	Conversion	2022	0,08
2024	GHA-DIV007	Ghana	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	20,69	litre	75%	10 009	Diesel	10%	Conversion	2022	0,01
2024	ZAF-DIV002	South Africa	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	2806,13	litre	75%	10 009	Diesel	10%	Conversion	2022	7,18
2024	ZAF-DIV004	South Africa	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	267,12	litre	75%	10 009	Diesel	10%	Conversion	2022	0,68
2024	ZAF-DIV005	South Africa	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	388,21	litre	75%	10 009	Diesel	10%	Conversion	2022	0,99
2024	ZAF-DIV006	South Africa	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	572,24	litre	75%	10 009	Diesel	10%	Conversion	2022	1,46
2024	ZAF-DIV007	South Africa	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	125,72	litre	75%	10 009	Diesel	10%	Conversion	2022	0,32
2024	GHA-DIV007	Ghana	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	20,69	litre	75%	10 009	Diesel	10%	Conversion	2022	0,05
2024	ZAF-DIV005	South Africa	Scope 3	Energy	Stationary combust	3.3	Fuel & Energy	1062,00	litre	75%	10 013	LPG	5%	Base Carb	2020	0,27
2024	ZAF-DIV005	South Africa	Scope 1	Energy	Stationary combust	1.1	Direct Emissio	1062,00	litre	75%	10 013	LPG	5%	Base Carb	2020	1,70
2024	ZAF-DIV002	South Africa	Scope 3	Energy	Mobile combustion	3.3	Fuel & Energy	81383,31	litre	75%	11003	Diesel	10%	Conversion	2022	49,63
2024	ZAF-DIV003	South Africa	Scope 3	Energy	Mobile combustion	3.3	Fuel & Energy	671,70	litre	75%	11003	Diesel	10%	Conversion	2022	0,41
2024	ZAF-DIV004	South Africa	Scope 3	Energy	Mobile combustion	3.3	Fuel & Energy	1315,06	litre	75%	11003	Diesel	10%	Conversion	2022	0,80

Emissions		Share of the footprint	
Stationnary combustion & Electricity	2130,09936		17,8%
Mobile Combustion	909,7204503		7,6%
Purchased goods	2246,239707		18,8%
Purchased services	1769,581853		14,8%
Staff Airtravel	1141,538935		9,6%
Hotel stays	288,0229718		2,4%
Upstream & Downstream transportation	157,3587704		1,3%
TOTAL EMISSIONS	11949,53		

- Screenshots from a demo example -



Three simple steps to action

2

SCORE

Automatic analysis

- Avoided Emissions score : 75% of the total
- Co-benefits score : 25% of the total

SOLUTIONS	TOTAL SCORE
Fly less	87
Less Airfreight	49
Consume less fuel for fleet	37
Fly better	33
Consume less energy	27
Alternatives	25
Install RE	21
Buy less	7

– Screenshot from a demo example –



This score is not absolute, and the score differences doesn't represent a physical reality. It is meant to be interpreted as an initial direction where to look for possible decarbonisation actions.



Three simple steps to action

3

DECIDE

Ranked priorities

SOLUTIONS	TOTAL SCORE
Consume less energy	95
Install RE	83
Fly less	79
Consume less fuel for fleet	73
Alternatives	55
Fly better	25
Buy less	21
Less Airfreight	11



This score is not absolute and the score differences doesn't represent a physical reality. It is meant to be interpreted as a guideline and should be completed by your organisation invoices.

Solutions	Top actions	Here is a link to help you begin thinking your way to implement this solution
Consume less energy	Reduce workspace to what is needed Install energy efficient and automated equipment Set temperature standards	https://climateactionaccelerator.org/solution-areas/energy_consumption_of_buildings/
Install RE	Choose a renewable energy provider Produce your own renewable energy	https://climateactionaccelerator.org/solutions/solar-thermal-energy/
Fly less	Reduce airplane by replacing plane by train when feasible Reduce airplane by rethinking the structure and location of your meetings/events/trainings Reduce airplane by reevaluating your travel reasons	https://climateactionaccelerator.org/solution-areas/transport/professional_travel/

Here is the top 3 solutions but you can go through all solutions in the "Solution Information" tab where you'll be able to find their top actions and link to our website

– Screenshot from a demo example –



Why and how to track emissions over the time?

**It is acceptable if full footprints are not produced every year,
as this may not be realistic for every organisation**

ERP Systems

Varies widely
across organisations

Time

Data collection
is heavy

Resources

Team capacity
is limited

But: you can't abandon data collection between recounts



Three reasons to keep your data alive

1

Action

Monitor if
initiatives work

2

Trajectory

Watch emission
trends

3

Effort

Maintain is easier
than restart from scratch

How to keep your data alive

Collect quantifiable data on your
implemented actions to assess
effectiveness and track progress

Keep an eye on your top category
emissions data to follow the
overall trend

Maintain data collection
processes already built when they
are not too much time-consuming





Next footprint measurements & baseline recalculation

Next footprint : what to do?

1

Log scope & boundary changes as they happen

2

Reuse data collection templates from baseline

3

Know exactly what changed (action vs. method)



Next footprint : how to use it?

1

Identify the main changes (with the previous full footprint)

2

Understand, interpret and explain those changes

3

Re-prioritise the implementation plan for the solutions, where relevant



Next footprint : Understand, interpret and explain those changes

Always compare the results with **both** the last footprint and the baseline.

1

Focus your effort

Analyse main changes, changes where you have access to physical data and linked to solutions implemented or to-be-implement (-> possible to calculate emissions reduced by a solution for exemple)

2

Explain the context

Clearly explain what changed and why. Make the distinction between changes linked to choices/actions and changes only related to the situation/context

3

How to use this comparison

What is the lesson learned ? (new physical data collection next time, best tracking of the action implementation, change in the current policy, keep going ...)

**Sometimes the comparison with baseline or the previous baselines make no sense ...
Let's see when and how we can deal with it!**



Why your baseline might need updating (ideally)

Errors corrected

Unit conversion mistakes
Data entry errors
Significant inaccuracies

Methodology shifts

Better calculation methods
Refined emission factors

Scope changes

Offices or emission sources that existed at the time of the baseline were excluded but are now included the measurement

Data improvements

More reliable data collected
(especially when part of the baseline rely on proxies or estimations)

When you really need to change your baseline

Case 1 & 2: Clear & simple

1

Significant error

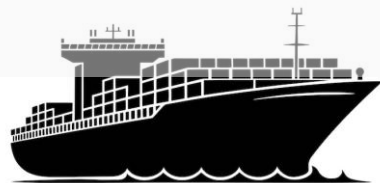
Found a mistake >5% of total



2

Scope change

Freight was excluded in the baseline and is included in the new measurement: need to at least estimate the freight emission for the baseline year to assure comparability.



Case 3: Methodology/Data change

When a metric tied to a solution you're tracking changes methodology/source:

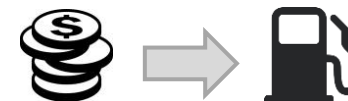
Example:

Y1: Transport = estimated km

Y2: Transport = measured fuel (L)

Same activity, different calculation method = numbers don't match
→ Recalculate baseline to keep comparison fair

Always recalculate if it fakes your progress



Communicating baseline changes

If changes are needed, follow this approach:

1

Do not rewrite baseline report

Keep original documentation intact

2

Document changes in new report

Clearly explain what changed and why in your updated footprint report

3

Updated baseline becomes authoritative

New figures are your official reference point going forward

Norwegian Refugee Council (NRC) carbon footprint reports are a good example that you can use as reference

Three things to remember

1

Footprint is the start, not the end

Carbon accounting is foundation. The real work is turning data into action. You now have both

2

Keep data alive

*Especially physical data around decarbonisation solutions: Track km, waste, energy, etc.
This is how you prove actions work and motivate your teams*

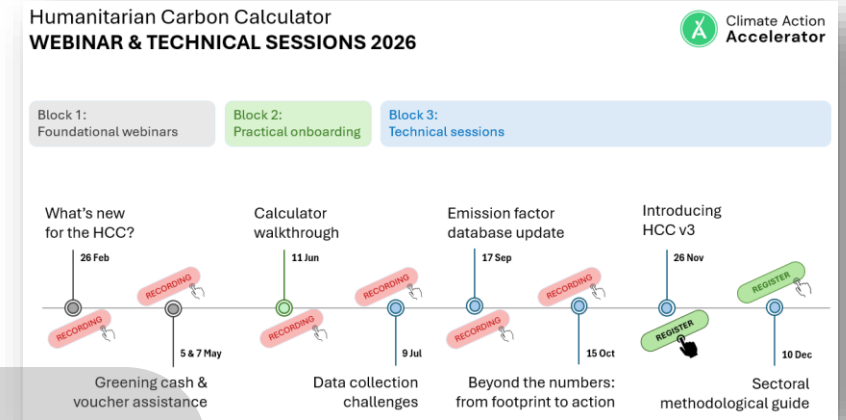
3

Keep baseline comparable

By modifying, explaining and communicating around main and impactful changes



Quick poll



As we start planning for next year, we want to build the HCC online session series around your needs.

Which type of content would be most valuable for you in 2027?

Rank the options in the pop-up window from most useful (Top) to least useful (Bottom)



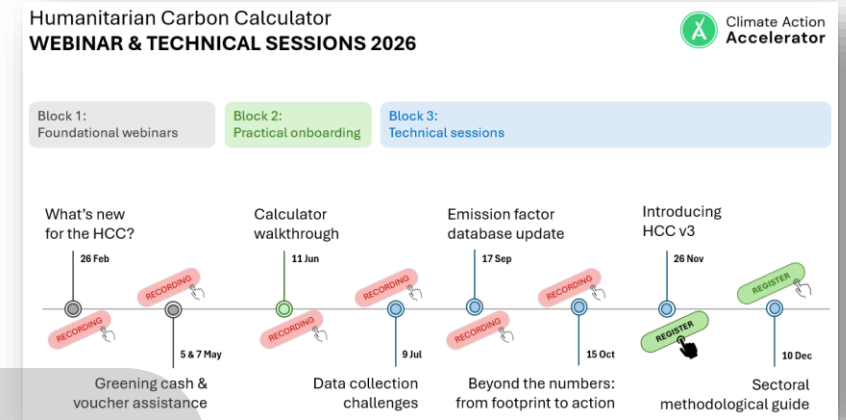
most useful

least useful





Quick poll



Is there a particular emission category, product category, operational bottleneck, or methodological challenge you'd like us to cover in 2027?

Which topics would you suggest for next year?



Share some ideas in the poll now, or via email afterwards:
analyticscontact@climateactionaccelerator.org



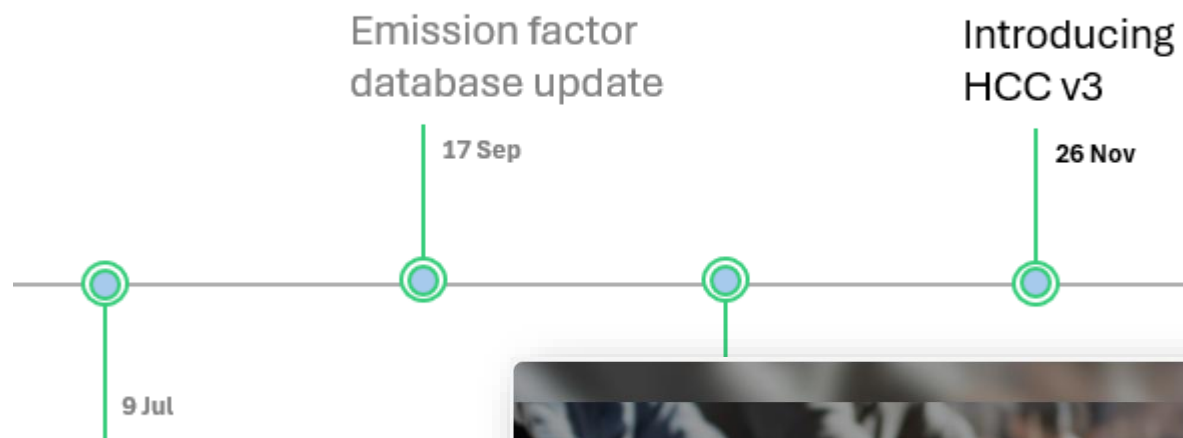


Q&A / peer exchange



What's next?

Block 3: Technical sessions



- Emission database update
- Few sub-categories reclassified in line with new sectoral methodological guide
- Enhanced data output
- Link to top decarbonisation solutions

What's New in the Humanitarian Carbon Calculator
Introducing HCC v3

Thursday 26 November 2026 | 10:00 CET Online on Teams

Climate Action Accelerator
HCC Technical session

Thursday, November 26, 10:00 AM Upcoming

Technical session - What's New in the Humanitarian Carbon Calculator: Introducing HCC v3

Register

Thursday, November 26, 10:00 AM - 11:00 AM

Online

Anyone can view and join.



Additional support available



Contact us for additional support:
analyticscontact@climateactionaccelerator.org

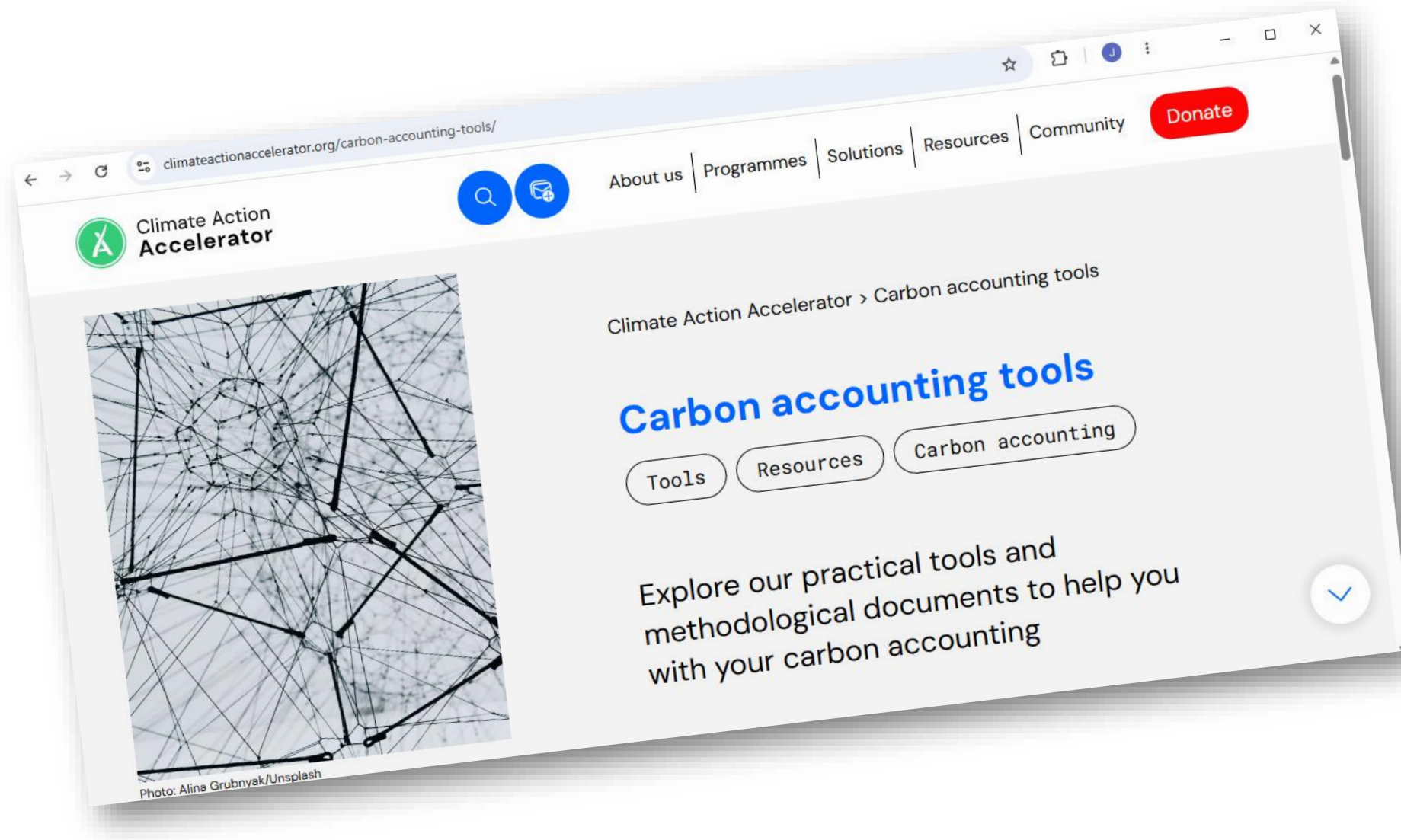


Remember you can **book an individual support session**, if needed



HCC peer support community (Teams channel)
Not yet registered, drop us a quick email to join it:
analyticscontact@climateactionaccelerator.org





<https://climateactionaccelerator.org/carbon-accounting-tools/>



SOLUTIONS HUB

Understand the topic

- 1 Generic Solutions List
- 80+ solution factsheets covering key areas to reduce the climate and environmental impact of an organisation
- 1 Overview of quick and easy wins



TOOLKITS

Implement solutions

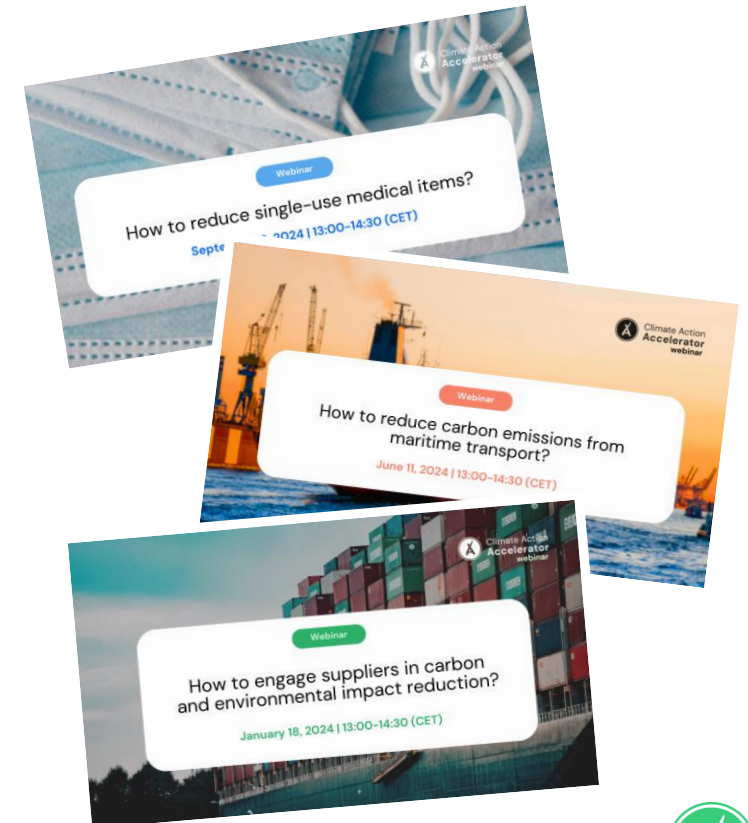
- Professional travel
- Good office practices
- Procurement
- Fleet
- Solarisation
- Waste characterisation
- Events



WEBINARS

Get inspired

- > 25 webinar replays online



E-mail address | analyticscontact@climateactionaccelerator.org

LinkedIn | <https://www.linkedin.com/company/theclimateactionaccelerator/>

Site Web | www.climateactionaccelerator.org



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