



Presentation of CDC Biodiversité's trainings





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BIODIVERSITY FOOTPRINT & GBS

Presentation of CDC Biodiversité's trainings



27th October 2022 | 4:00 - 5:00 pm CEST

During the webinar...



Keep your mics on mute



Keep your video off



Use **the menti** for other questions (www.menti.com, code: **8884 8817**)



Rename yourself in Zoom (participants – plus – rename)



To receive the presentation after the webinar, please ensure that you registered for the Eventbrite event





Agenda



3:50 – 4:00	Welcome				
4:00 – 4:10	Introduction to biodiversity footprint and the GBS				
4:10 – 4:40	Presentation of the training catalog: - Fundamentals of biodiversity footprint - Biodiversity footprint & reporting for financial institutions - GBS Level 1 - GBS Level 2 With the testimonies of our trainees: Paul Cukierman, Lionel Heurtin, Jordan Rey.				
4:40 – 4:45	Glimpse on CDC Biodiversité's training plateform <i>Rise Up</i>				
4:45 – 4:55	Q&A				
4:55 – 5:00	Closing				





Introduction to the GBS





The GBS, a journey started in 2015 with the involvement of companies and financial institutions.



First biodiversity footprint assessments: Schneider Electric, Hermès, Nestlé Waters France...

- Strong support of our shareholder Caisse des Dépôts
- O Team of 20 people fully dedicated to the project with ongoing recruitments: www.cdc-biodiversite.fr/nous-rejoindre/





CDC Biodiversité's activities around the GBS



DEVELOPMENT

- New GBS developments
- Methodology and research
- Technical support



ASSESSMENTS

More than 30 BFAs conducted by CDC Biodiversité and trained GBS assessors



FINANCE

- Tools for listed and non-listed assets
- Financial institutions
- Data providers



B4B+ CLUB

- 43 companies, financial institutions and partners
- Case studies
- Networking





LOCAL AUTHORITIES

- Dedicated tool under development (2023)
- Club of local authorities



TRAININGS

- 4 trainings
- >100 companies, financial institutions, consultants and academics trained

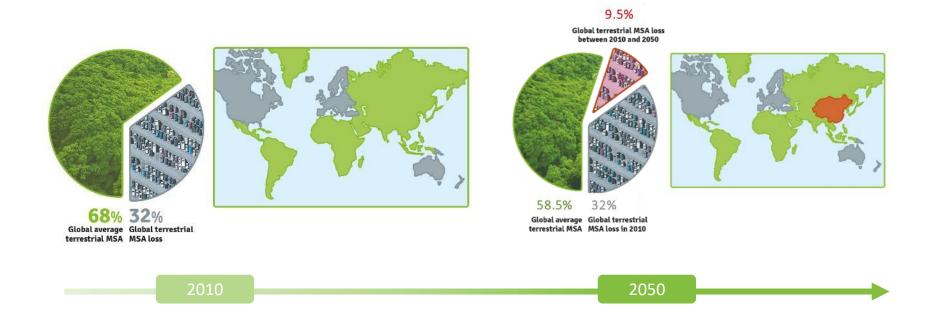






Context: a massive loss of ecological integrity



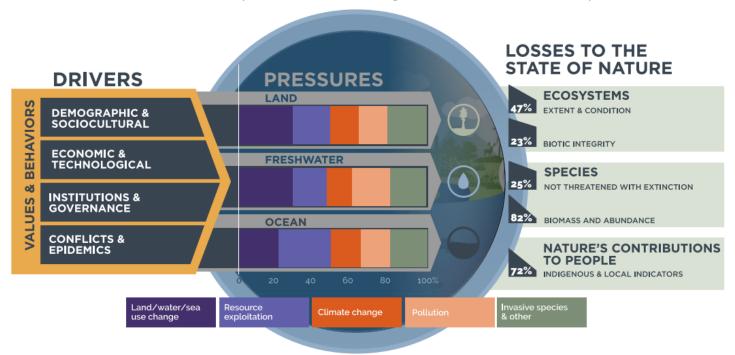






5 main pressures are causing biodiversity erosion

> Indirect drivers translate into direct pressures resulting in a loss of biodiversity







Three main forces advocating for the assessment of companies' biodiversity footprint are at play

Why assess companies' biodiversity footprint?

Piloting risks and opportunities at both operational and market levels.



1200 companies



44 french and international companies



Investors willing to undertake unsolicited assessments



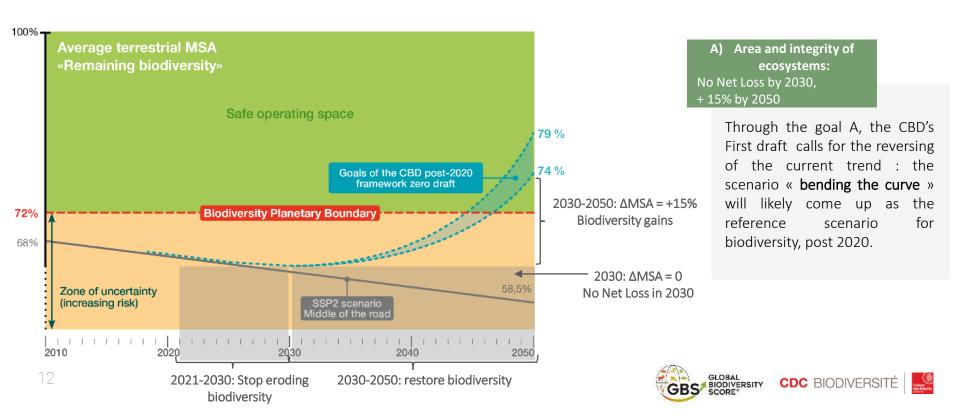
111 signatories, €16.3 trillion in assets under management, 20 countries



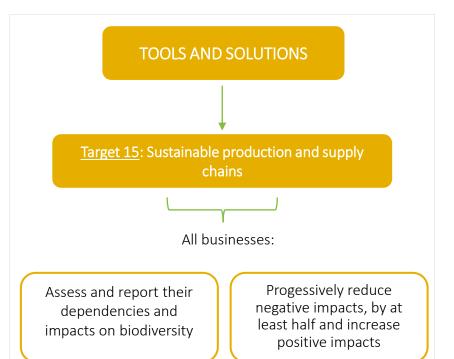
The GBS fits into the international framework of the CBD's First Draft



> Tools relying on MSA can be used to assess activities' alignment with CBD Goal A milestone A.1



The GBS fits into the international framework of the CBD's First Draft



GBS supports target 15 of the CBD's First Draft, allowing businesses to:

- > Measure and report their impacts and dependencies on biodiversity;
- > Receive recommendations on how to reduce these negative impacts and increase positive impacts;
- > Monitor the impacts of actions undertaken.







The GBS connects to the five-step process to set SBTs for Nature



> The GBS is one of the tools that supports businesses involved in the Science Based Target Network, to set relevant targets with regards to the planetary boundaries

> The SBTN methods, tools and guidance are under development and the GBS offers partial elements to be improved, on ecological integrity (the SBTN makes no representation that the tools presented here will be appropriate to setting an SBT for nature when SBTN's methods are complete).



during a biodiversity footprint assessment with the GBS.

Steps 2 and 3 can be partially addressed during a biodiversity footprint assessment with the GBS, but these are preliminary and experimental response elements.







The GBS key features



O1 Aggregated metric



The GBS evaluates impacts in MSA.km², the fraction of biodiversity integrity lost over a given surface

02 Whole value chain



The GBS measures the impacts on biodiversity generated by economic activities

O3 Stocks and variation of stocks of impacts



The GBS considers **static** (negative cumulated impacts) and **dynamic** (periodic gains or losses) impacts

04 Pressure-impact model



The GBS assess the impacts on biodiversity generated by economic activities by **modeling pressures** on ecosystem, with the help of **GLOBIO model**







To learn more on the GBS tool

Videos

- Webinar | Presentation of the Global Biodiversity
 Score (GBS)
- Webinar | GBS | Setting Science Based Target for Nature with the Global Biodiversity Score

Register for the next Webinar | The Global Biodiversity Score (GBS) in 10 minutes on 17.11

Read online





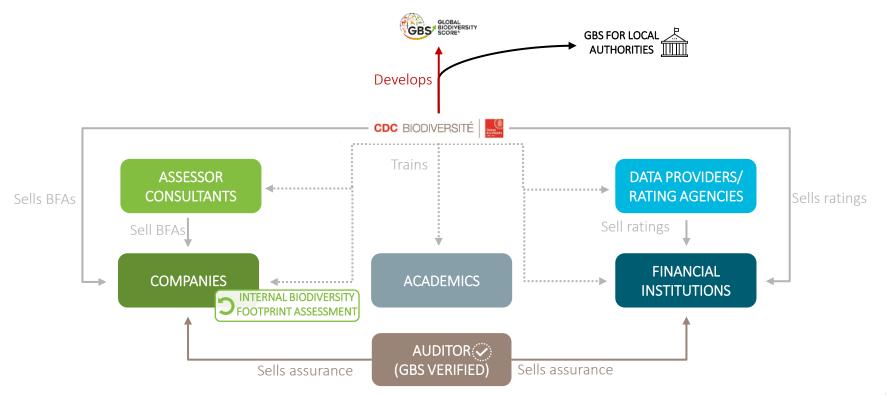


Trainings catalog





GBS ecosystem



CDC Biodiversité offers 4 trainings



Fundamentals of biodiversity footprint

Biodiversity footprint & reporting for financial institutions



Understanding biodiversity erosion challenges and the key concepts of footprint assessment



Getting to know the **regulatory framework**, related **risks** and **tools and initiatives for the financial sector**

GBS training Level 1

GBS training Level 2



Introduction to the GBS tool and to Biodiversity Footprint Assessments



Mastering the tool and conducting Biodiversity Footprint Assessments









New 2022 training



Fundamentals of biodiversity footprint

OBJECTIVE



Understand the stakes and key concepts of biodiversity footprint assessment

CONTENT

- Understand the causes and stakes around biodiversity loss
- Get familiar with the international and regulatory frameworks
- Present the main concepts involved in biodiversity footprinting (metrics, accounting, existing tools)
- Introduce how companies can set quantified biodiversity targets and reverse the trend of biodiversity loss

FOR WHOM

Anyone willing to gain fundamental knowledge on biodiversity footprint assessment and the current international and regulatory frameworks

PRACTICAL INFORMATION



Blended learning:

- Online autonomous course
- Live class: Case study (1.5 hrs)



Date: Nov. 7 | Dec. 8 | Dec. 13 (COP15) | Jan. 12



<u>Price:</u> € 500 per person (VAT excl.) (€400 for B4B+ Club members)

PREREQUISITES

- Knowledge related to biodiversity & ecosystem services
- English spoken









Testimony #1

Fundamentals of biodiversity footprint trainee



Paul CukiermanSustainability Project Officer at ICF Habitat











Ask your questions on Mentimeter

Would you be interested in the training "Fundamentals of biodiversity footprint"?



Go to <u>www.menti.com</u> and enter

the code: 8884 8817







New 2022 training



Biodiversity footprint & reporting for financial institutions

OBJECTIVE



Get familiar with biodiversity footprint framework and regulations, related risks, and tools and initiatives of the financial sector regarding biodiversity

CONTENT

- Get familiar with the biodiversity footprint framework and key players for financial institutions
- Understand biodiversity footprint regulations for financial institutions (European Taxonomy, TNFD, SFDR, French Article 29,...)
- Learn more about the double materiality approach
- Discover the tools and initiatives of the financial sector regarding biodiversity footprint

FOR WHOM

Anyone willing to understand the stakeholders, regulation, and initiatives regarding biodiversity footprint for financial institutions

PRACTICAL INFORMATION

Format:



- 2 half-days (2*3h30)
- Online class with biodiversity and GBS experts working with financial institution



<u>Date:</u> Nov. 21 & 22 (AM) | April 12 & 13 (PM)



Group: 8 participants for effective learning



Price: €1600 per person (VAT excl.)

PREREQUISITES

- · Validation of Fundamentals of biodiversity footprint training
- English spoken













Ask your questions on Mentimeter

Would you be interested in the training "Biodiversity footprint & reporting for financial institutions"?



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the code: **8884 8817**







2 trainings dedicated to the GBS tool



GBS training Level 1





Introduction to the GBS tool and to Biodiversity Footprint Assessments



- 1 day (7h)
- 15 trainees
- Next sessions: November (FR), January 23 (FR), February 23 (ENG)
- € 1 600 / trainee (VAT excl.)



Mastering the tool and conducting Biodiversity Footprint Assessments



- Level 1 training + license required
- 2 days (14 h + ~ 1 day for personal work)
- 8 trainees
- Next sessions: November (FR), January 23 (FR), February 23 (ENG)
- € 3 500 € / trainee (VAT excl.)

TRAINED TO DATE



Level 1: 139 trainees

Level 2: 78 trainees









Testimony #2

GBS Level 1 trainee



Lionel HeurtinESG/SRI Analyst at OFI Asset Management







Testimony #3

GBS Level 2 trainee



Jordan Rey Sustainable Development Manager at Hermès International







GBS assessors

GBS-trained consultants can carry out biodiversity footprint assessments.





Find the list of assessors trained on the <u>CDC</u> Biodiversité website Pierre Viard

Adeline Serckx

Stephanie Harris

Arcadis Belgium
Axa Climate SAS
B&L Evolution SCOP-EC
BIODIV'CORP
BioPerf by Schär
Blooming
Camille Accolas
Carbone 4
Carbone 4
DELOITTE CONSEIL
DELOITTE CONSEIL
ECOAct
I Care Environnement SAS
ICF SA
LG Conseil – Utopies

LG Conseil – Utopies

The Biodiversity Consultancy
The Biodiversity Consultancy

34 assessments already realised or undergoing, by June 2022

COMPANY	SECTOR	ASSESSMENT	ASSESSORS	PUBLIC RESULTS	YEAR OF ASSESSMENT
2020					
Schneider Electric	Electrical and electronic equipment	Schneider Electric's end to end Biodiversity Footprint Assessment	CDC Biodiversité, PRé sustainability	White paper - Sept. 2020	2020
Decathlon	Distribution sector	Biodiversity Footprint Assessment	Decathlon	No	2020
2021					
Vattenfall	Energy (production and supply of electricity)	Assessment of Vattenfall biodiversity footprint in line with the SBTN's guidance	CDC Biodiversité, Deloitte	No	2021
Nestlé Waters France	Agriculture and Agri-Food	Nestlé Waters 4 brands Biodiversity Footprint Assessment	CDC Biodiversité, TBC BioPerf.biz	No	2021
Hermès International	Manufacturing industry	Biodiversity Footprint Assessment	CDC Biodiversité, WWF	2021 Universal Registration Document (p157)	2021
Almo Nature Benefit SpA	Agriculture and Agri-Food	Benchmark report for the cat & dog pet food industry	CDC Biodiversité,	No	2021
Adeo	Distribution sector	Biodiversity Footprint Assessment	B&L	No	2021
Agrifood company	Agriculture and Agri-Food	Sector level materiality assessment	Utopies	No	2021
Food service company	Agriculture and Agri-Food	Sector level materiality assessment	Utopies	No	2021
Engie	Energy (production and supply of electricity)	Sector level materiality assessment	Utopies	No	2021
UTMB (Ultra Trail du Mont Blanc)	Non financial services and other activities	Sector level materiality assessment	Utopies	No	2021
ADEME	Non financial services and other activities	Biodiversity Footprint Assessment on pilot sites	CDC Biodiversité, Camille Accolas	No	2021-2022
La Française des Jeux	Non financial services and other activities	Case study on gaming materials	CDC Biodiversité, with partnership of FSC,	No	2021-2022
Multinational Leisure company	Non financial services and other activities	Sector level materiality assessment	Biodiv'Corp	No	2021-2022

34 assessments already realised or undergoing, by June 2022

COMPANY	SECTOR	ASSESSMENT	ASSESSORS	PUBLIC RESULTS	YEAR OF ASSESSMENT
2021					
Picard	Agriculture and Agri-Food	Biodiversity Footprint Assessment	Biodiv'Corp	No	2021-2022
TSE (Third Step Energy)	Energy (production and supply of electricity)	Sector level materiality assessment	Biodiv'Corp	No	2021-2022
Charcoal company	Processing	Biodiversity Footprint Assessment	Blooming	No	2021-2022
Energy company #1	Raw materials extraction	Preliminary study	Blooming	No	2021-2022
Multinational professional services company	Non financial services and other activities	Sector level materiality assessment	TBC	No	2021-2022
Nestlé Waters UK	Agriculture and Agri-Food	Biodiversity Footprint Assessment	TBC	No	2021-2022
Telecommunication company	Non financial services and other activities	Biodiversity Footprint Assessment	TBC	No	2021-2022
Retailer company	Agriculture and Agri-Food	Sector level materiality assessment	TBC	No	2021-2022
Technology company #1	Non financial services and other activities	Sector level materiality assessment	TBC	No	2021-2022
Technology company #2	Non financial services and other activities	Sector level materiality assessment	TBC	No	2021-2022
Energy company #2	Energy (production and supply of electricity)	Case study on pilot sites	TBC	No	2021-2022
2022					
Energy company #3	Energy (production and supply of electricity)	Biodiversity Footprint Assessment	CDC Biodiversité, TBC	No	2022
Luxury company	Manufacturing industry	Biodiversity Footprint Assessment	CDC Biodiversité,	No	2022
Construction company	Building sector	Biodiversity Footprint Assessment	CDC Biodiversité,	No	2022
Groupement Les Mousquetaires	Distribution sector	Biodiversity Footprint Assesment	Biodiv'Corp	No	2022
Food company	Agriculture and Agri-Food	Biodiversity Footprint Assessment	TBC	No	2022
Real estate company	Non financial services and other activities	Biodiversity Footprint Assessment	TBC	No	2022
Renewable energy company	Energy (production and supply of electricity)	Biodiversity Footprint Assessment	TBC	No	2022
Cosmetics company #2	Chemicals industry	Biodiversity Footprint Assessment	Utopies	No	2022
Building company	Building sector	Biodiversity Footprint Assessment	Utopies	No	2022

BUSINESS FOR POSITIVE BIODIVERSITY





Objectives

- Understand how biodiversity footprint assessment tools can serve corporate decisions investment decisions and external reporting.
- Anticipate financial, regulatory and market developments with regard to the reduction of the biodiversity footprint.
- Ensure the adaptation of the GBS to the constraints and needs of companies and allow its implementation through case studies.
- Keep companies informed about the assessment of the biodiversity footprint through the intervention of external experts and regular bibliographic monitoring.

Content of the B4B+ Club

- STAKEHOLDERS ECOSYSTEM -

- 3 annual meetings with the members (including workshops: consultants, financial institutions and value chain)
- . Network of businesses and experts on biodiversity footprint
- · Sharing best practice and feedback

-- LITERATURE REVIEW--

- Regular literature updates on biodiversity footprint assessment
- · Presentation of GBS upgrades and new developments

-- TOOLS AND CAPACITY BUILDING --

- Technical support via webinars and telephone (5 h of individual support included)
- Possibility of having a case study (starting at EUR 7500 excluding VAT)
- Priority access to training courses and discount for the training "Fundamentals of biodiversity footprint" (-20%)



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BUSINESS FOR POSITIVE BIODIVERSITY



B4B+ Club members as of October 2022:











Justine MARIETTE

B4B+ Club Project Officer justine.mariette@cdc-biodiversite.fr

> Membership of the B4B+ Club is EUR 7500 excl. VAT per year or EUR 7000 excl. VAT per year for 3 years and more. Please contact us for more details.







Trainings also aimed at academics

Trainings are open to academics:

- To enroll biodiversity footprint assessment in the research field
- Allowing the GBS to be listed in the research paper
- Free license

WORKING

BANQUE DE FRANCE

paper

EUROSYSTÈME

A "Silent Spring" for the Financial System? Exploring Biodiversity-Related Financial Risks in France

Romain Svartzman¹, Etienne Espagne², Julien Gauthey³, Paul Hadji-Lazaro⁴, Mathilde Salin^{1,5}, Thomas Allen¹, Joshua Berger⁶, Julien Calas², Antoine Godin², Antoine Vallier⁶

A "Silent Spring" for the Financial System? Exploring Biodiversity-Related Financial Risks in France, 2021







Ask your questions on Mentimeter

Would you be interested in a training to better understand biodiversity footprinting and use the GBS? (Level 1/Level 2)



Go to www.menti.com and enter

the code: 8884 8817







Example of intra-trainings

Companies

- Dedicated trainings with specific issues,
- Designed co-constructed with our clients













Academics

- Dedicated trainings and courses for MBAs, Masters
- Session combining theory / practice and module validation











Ask your questions on Mentimeter

Would you be interested in an intracompany training?



Go to www.menti.com and enter

the code: **8884 8817**











Ask your questions on Mentimeter

Do you think that your company might be interested in joining the Club of Business for Positive Biodiversity (B4B+ Club)?



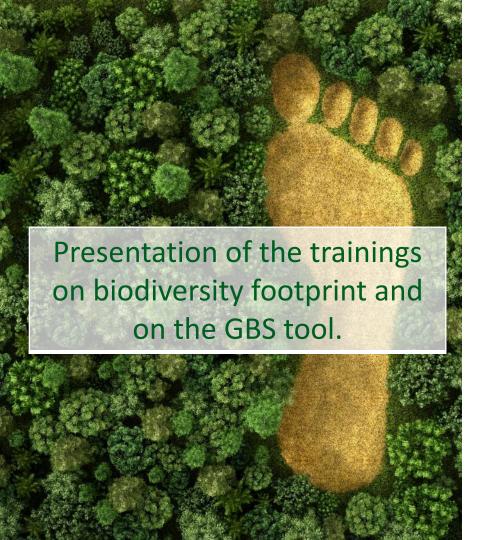
Go to <u>www.menti.com</u> and enter

the code: **8884 8817**











Ask your questions on Mentimeter

Do you think that your company might be interested in doing a Biodiversity Footprint Assessment?



Go to <u>www.menti.com</u> and enter

the code: **8884 8817**











Ask your questions on Mentimeter

On which topics would you like trainings to be developed in 2023?



Go to www.menti.com and enter

the code: **8884 8817**







Glimpse on CDC Biodiversité's e-learning platform *Rise Up*





Welcome to the GBS training platform!

Welcome on board!

Take a head-start to learn the key concepts related to biodiversity footprint and to master biodiversity footprint assessments with the GBS tool

You are almost there. Here are the next steps:

- 1. Preregister your seat (free, no engagement)
- 2. Check your emails and return the order form

Looking for help and information?

Click on the button "Learn more about the trainings (flyer in PDF)" for complete registration instructions and full training programs.

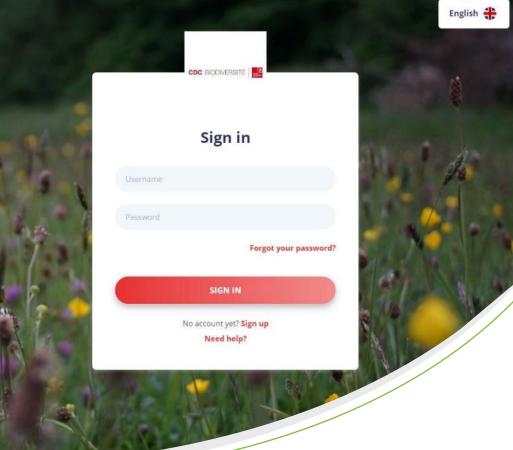
LEARN MORE ABOUT THE TRAININGS (FLYER IN PDF)

- Aimed at people wishing to gain a broad knowledge of biodiversity footprint assessment stakes and application
- 3.5 hours €500 VAT excl. per pers.

- Aimed at financial institutions willing to know more about the biodiversity footprint framework and regulations. related risks, and tools and initiatives of the financial sector regarding biodiversity
- 7 hours €1600 VAT excl. per pers.
- Access submitted to the validation of "Fundamentals of biodiversity footprint"

- Aimed at people wishing to understand how to measure a company's biodiversity footprint with the GRS
- 7 hours €1600 VAT excl. per pers.
- Access submitted to an entry test

- Aimed at people wishing to master the GRS tool and lead biodiversity assessments autonomously
- 14 hours + = 1 day of personal work for validation €3500 VAT excl. per pers.
- Access submitted to the validation of GBS Level 1 and the signature of GBS license







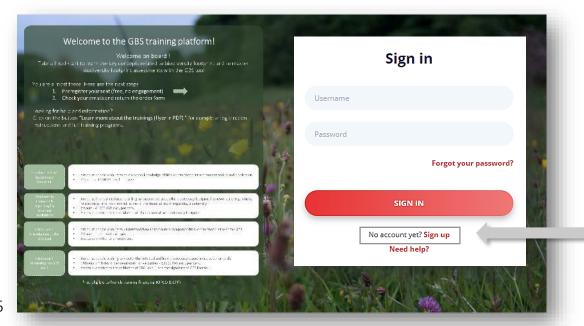


REGISTRATION PROCESS

1. Go to Rise Up

Click on the link sent by email:

https://cdc-biodiversite.riseup.ai/

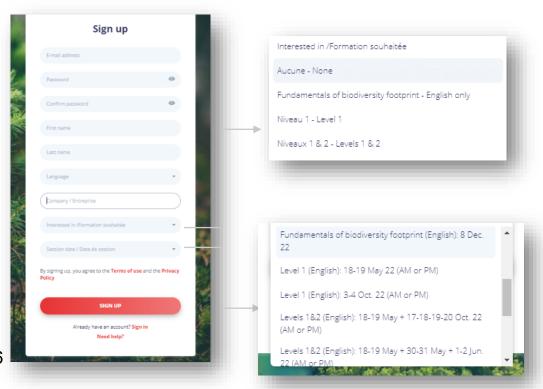


Register



REGISTRATION PROCESS

2. Click on the link sent by email: https://cdc-biodiversite.riseup.ai/



- In the cell "interested in", make sure to click on the correct item:
 - You are only interested in following Fundamentals of biodiversity footprint
 - You are only interested in the package Fundamentals + Biodiversity footprint & reporting for financial institutions
 - You are only interested in following GBS training Level 1. Pass the GBS Level 1 entry test. Otherwise, first register to the training Fundamentals of biodiversity footprint
 - You are interested in following GBS training *Levels 1 & 2*.
- Then select the sessions you would like to attend





REGISTRATION PROCESS

- 3. Then, check your emails and confirm your email address
 - Fill-in and send the order form as mentioned in the email



CDC Biodiversité team will validate your account once the order form received (please allow up to 2 working days for approval)







GBS Level 1 entry test

If you are interested in following GBS training Level 1, you need to first pass an entry test.



It you register to follow the Level 1 or Level 1 & 2; you will automatically be directed to the "GBS Level 1 entry test"*

*Please, note that the test is in English only



You will have two attempts

- ✓ If you pass the test, you will have access to the GBS Training Level 1 or Level 1 & 2
- ✓ If you don't pass the test after two attempts, you need to first register to the training Fundamentals of biodiversity footprint*

*Please, note that the training is in English only





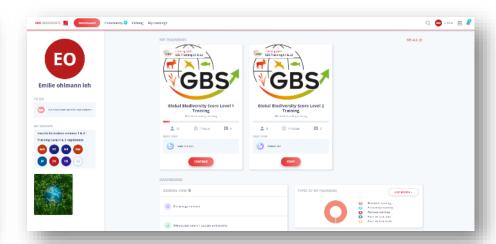
ONBOARDING MODULE

1. Once your registration is validated, you can log yourself on the Rise Up platform

https://cdc-biodiversite.riseup.ai/

Welcome to the GBS training platform! Weld in the read of a major of the read of The sapitar year and first, turning amount of the control of Sign in This of the builton is earn more about the empiritasion serior SEE Thomas place represents Forgot your personand? the attract instanced and become but who as often open position are of the entire labels of the films about again glass the time the fall of the con-traction of the films of the small of them, respect No eccount yet: Sign up

You will find your dashboard with the chosen training(s)







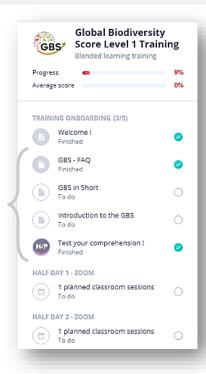


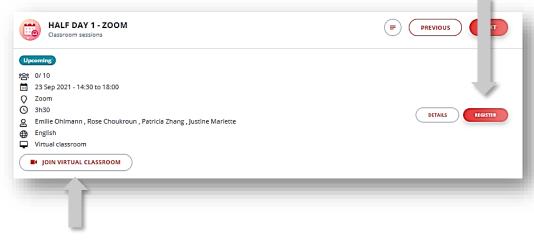
ONBOARDING MODULE - LEVEL 1

3. Complete all the steps of the training onboarding Take the quiz: "Test your comprehension"

Duration: 45'

4. Finally, register for the next in-person or virtual classroom sessions





On the date of the training, join the virtual session by clicking on the button









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