B-Cubed Hackathon 2024 - Hacking biodiversity data cubes for policy

Attendee information

**B-Cubed is organising a hackathon and we are very pleased that you have chosen to join us. We have prepared this document to assist you in preparing for the event and guide you through its various aspects.**

# Pre-event:

## Before you arrive

* Travelling to Herman Teirlinck & accommodation in Brussels: you can find more information on our [webpage](https://b-cubed.eu/b-cubed-hackathon) under the “Venue” section or visit the official venue [website](https://www.vlaanderen.be/intern/werkplek/kantoor-en-gebouwen/gebouwen/overzicht-gebouwen/herman-teirlinckgebouw/van-en-naar-het-herman-teirlinckgebouw).
* Please note that travel and accommodation expenses are at your own cost.

## What’s included in the ticket price?

* Vegetarian lunch from Tuesday to Friday.
* Drinks: coffee, tea, water, etc., throughout the day.
* Access to venue facilities: reception area, auditorium and breakout rooms.
* After-party on the last day with complimentary drinks.
* Five amazing keynote speakers.
* Availability of technical coaches to support and guide you, connect you with the right people and foster new ideas.

## Presenting projects

* On the first day, team leads are requested to present their projects briefly within a maximum of 5 minutes. The slides will be accessible to all participants.
* Project descriptions are accessible to all participants and editable by team leads on our [B-Cubed GitHub repository](https://github.com/b-cubed-eu/hackathon-projects-2024).

# 

# 

# During the event

## Arriving at Herman Teirlinck

* Between 9:00 and 10:30 on the first day, please arrive on time to allow for registration and morning coffee.
* On days 2, 3 and 4, arrive before 8:30 to be ready for our keynote speakers.

## Final Agenda

* View the programme [here](https://b-cubed.eu/storage/app/media/Hackathon%20AGENDA.pdf). The hackathon will start with a concept explanation and project presentations. The projects indicated during registration are tentative; you are free to choose the project(s) you will work on during the first hackathon day.
* Small change in our agenda for today and tomorrow click [Here](https://drive.google.com/file/d/1f2bd3A42eQKZgdgXSmZsT1HOgPgnRVvv/view?usp=sharing).

## Wifi information

* On the day of the event, scan the QR code provided and follow the instructions. Once you receive the necessary details, use them to log in as a visitor and access the WiFi network.
* During registration, you will be asked for your phone number. After registration, you will receive login credentials for the WiFi network via text message on your mobile phone number.
* **VO Events : vl$#nderen**

## Keynote presentations

We are delighted to feature an impressive lineup of keynote speakers, each addressing captivating topics. Join us at the auditorium at **8:30** in the morning and **13:30** after lunch for these presentations, offering valuable insights and inspiration for your project. This will be available through Zoom for online participants.

## Equipment and rooms

* Bring your own plugs and adapters, especially for participants from the UK (EU adapters needed).
* Breakout-rooms: Each team can choose a room with hybrid equipment. Check max capacities and book your room [here](https://docs.google.com/spreadsheets/d/1HI0LwYV4k5SZggK2-cl8I7wnLWT503qvh2clDLXJCNM/edit?usp=sharing). If you find it beneficial, you can choose to collaborate with other projects and share a room.
* Reception: Drinks and snacks will be available throughout the day. It is recommended to attend scheduled breaks for networking opportunities with other participants.
* Auditorium: Daily meetings in the auditorium for keynote presentations.

## Slack channel

The main communication channel during the event, both physical and virtual, will be through our [Slack channel](https://join.slack.com/t/hackingbiodiv-y6e6092/shared_invite/zt-2cpaj8j1u-mHv5ldQVCTkjE~_yFbC_Aw), where you will find channels for each project.

Technical coaches

During the hackathon you will have the support of five technical coaches. You can reach out to them on the [#technical-support Slack channel](https://hackingbiodiv-y6e6092.slack.com/archives/C06K49W5G49). Technical support questions are public in this channel. Feel free to contact any coach separately for private assistance.

[Who](https://b-cubed.eu/news/b-cubeds-hackathon-presenting-faces-behind-event):

* Matthew Blissett from Global Biodiversity Information Facility
* Shawn Dove from Justus-Liebig-Universität Gießen
* Peter Desmet from Research Institute for Nature and Forest
* Toon Van Daele from Research Institute for Nature and Forest
* Rocìo Beatriz Lobos from University of Bologna

Note: Contact the technical coaches if you need assistance in making a separate Github repository to maintain your code. Remember to link this code to the hackathon repository for easier access and collaboration.

## Zoom

A Zoom meeting will run for the full four days with breakout sessions for each project. Virtual participants can follow the plenary session through the main Zoom room. (*Meeting code and password will follow soon.*)

Zoom meeting link: https://us06web.zoom.us/j/83713290472?pwd=bTum1Tt6nN6ZGwCfk0GcHM4Zw91bdm.1

Meeting ID: 837 1329 0472

Passcode: 523659

## Social activities

* Join us on April 2nd for an exciting electric kart race. We are pleased to announce a discount on [BattleKart](https://www.battlekart.com/en/tour-taxis/) racing for our participants. Please note that a prepayment of 20 euro is required with your registration. Racing begins at 17:00, so ensure you arrive 15 minutes in advance. The BattleKart racing venue is conveniently located near the Herman Teirlinck building, situated in the sheds. You can check out the [interactive map of the location](https://tour-taxis.com/interactive-map/).
* On April 5th at 17:00, we will gather at the GARE MARITIME – FOOD MARKET to celebrate our progress in biodiversity data and announce the winners of the hackathon. This is included in your ticket price.
* Recommendation: If you wish to engage in further interesting conversations, we invite you to join us for dinner at the GARE MARITIME – FOOD MARKET, where various exceptional dining options are available.

# Useful links:

* Our [webpage](https://b-cubed.eu/b-cubed-hackathon)
* Venue information [Herman Teirlinckgebouw | Vlaanderen.be](https://www.vlaanderen.be/intern/werkplek/kantoor-en-gebouwen/gebouwen/overzicht-gebouwen/herman-teirlinckgebouw)
* [Agenda](https://b-cubed.eu/storage/app/media/Hackathon%20AGENDA.pdf)
* [Room booking sheet](https://docs.google.com/spreadsheets/d/1HI0LwYV4k5SZggK2-cl8I7wnLWT503qvh2clDLXJCNM/edit?usp=sharing)
* Virtual zoom link
  + Meeting: https://us06web.zoom.us/j/83713290472?pwd=bTum1Tt6nN6ZGwCfk0GcHM4Zw91bdm.1
* [Interactive map of the location](https://tour-taxis.com/interactive-map/)

## Presentation slides (*links to be shared closer in time*)

* Tuesday - [Welcome slides](https://docs.google.com/presentation/d/1kO6loFRxZlWvTq9EfANog5V56cmJ9XDZ/edit?usp=sharing&ouid=112115613585745793090&rtpof=true&sd=true)
* Tuesday - [Project introductions](https://docs.google.com/presentation/d/1cid2S1S0yuXm-Y-vUBvjvqePCCD8ploi/edit?usp=sharing&ouid=112115613585745793090&rtpof=true&sd=true)
* Tuesday - [Project 6](https://drive.google.com/file/d/1x83VyxQTnU3z0swUtnLulprSmDCqnlx1/view?usp=sharing)
* Tuesday - [BioHackrXiv](https://docs.google.com/presentation/d/1_FxllZY6bXruaV2Bn4sregGXTHOGXMK6nKZtDPhJl8s/edit?usp=sharing)
* Tuesday - [Reception slides](https://docs.google.com/presentation/d/1L8zw6obsZ_8CbzVEIZtw3hUl_23sKJDZ/edit?usp=sharing&ouid=112115613585745793090&rtpof=true&sd=true) D1
* Tuesday -Slides [Keynote Andrew](https://docs.google.com/presentation/d/1DN8iSnuRXUv-2HkTCpsHS4iFzUjFsREg/edit?usp=sharing&ouid=112115613585745793090&rtpof=true&sd=true)
* Tuesday - [Keynote recording](https://drive.google.com/file/d/1pHeZ7TtoERCfTVKhUDAOwAGW7MT_uWiJ/view?usp=sharing) [Andrew Rodrigues](mailto:arodrigues@gbif.org)
* Wednesday - Slides [Keynote Valia](https://docs.google.com/presentation/d/1XQYwVwtI-9_BxbQvllg4nH5hHn40nyMB/edit?usp=drive_link&ouid=112115613585745793090&rtpof=true&sd=true)
* Wednesday - [Keynote recording](https://drive.google.com/file/d/1fTuvvIKiUJPVIuFCXNWIf6X4m_M3oXTZ/view?usp=sharing) Valia Drakou
* Wednesday - [Reception slides](https://docs.google.com/presentation/d/1ruVx_483gXd_Db3aGhqBZkPBcdc5NcVf/edit?usp=drive_link&ouid=112115613585745793090&rtpof=true&sd=true) D2
* Wednesday - Slides [Keynote Yanina](https://docs.google.com/presentation/d/1JWV83fivaSVegnlxi2R3GOS8ibg-wGdH/edit?usp=sharing&ouid=112115613585745793090&rtpof=true&sd=true)
* Wednesday - [Keynote recording](https://drive.google.com/file/d/1q5wJELfBn6z2VeXUXBxlzK9quowth6qO/view?usp=sharing) [Yanina Sica](mailto:yanina.sica@gmail.com)
* Thursday - Slides [Keynote Lucy Bastin](https://drive.google.com/file/d/1MMPzehmHsMILNmMol-U6TPBv71nRybBD/view?usp=sharing)
* Thursday - [Keynote recording](https://drive.google.com/file/d/1LOwHOiCmn-cSk81DCaSbu9xgZotxjNpx/view?usp=sharing) Lucy Bastin
* Thursday - [Reception slides](https://docs.google.com/presentation/d/1dOxqNywPCb9R2C9CSEq3aVmb4MTM60Mr/edit?usp=sharing&ouid=112115613585745793090&rtpof=true&sd=true) D3
* Friday - [Reception slides](https://docs.google.com/presentation/d/13r3onNSnggRJgtAt_yCRdwA2TK-hydRy/edit?usp=sharing&ouid=112115613585745793090&rtpof=true&sd=true) D4
* Friday - [Closing slides](https://docs.google.com/presentation/d/16XQKTXODuZn5_gEA2iOkV2Wcc-fQxOdM/edit?usp=sharing&ouid=112115613585745793090&rtpof=true&sd=true)
* Friday - slides [End project presentations](https://docs.google.com/presentation/d/1QjHrVM1fV_cjYqHTk51F2vPC_s3r2WXl/edit?usp=drive_link&ouid=112115613585745793090&rtpof=true&sd=true)
* Friday - [Recording of the end project presentations](https://drive.google.com/file/d/1d0Ngh1Ps1erHkPEPfgQJ_o-eRekxPn2D/view?usp=sharing):
  + Project #4 - Irokube 00:00:00 - 00:06:36 Questions 00:06:46 - 00:14:20
  + Project #11 - Species occurrence cube portability 00:15:27 - 00:29:11 Questions 00:29:20 - 00:35:34
  + Project #6 - Phenological Diversity trends by remote sensing-related datacubes 01:07:20 - 01:15:36
  + Project #5- Tackling Ocean Biodiversity Crisis with Marine Data B-Cubes 01:16:00 - 01:23:40
  + Project #3- Intelligent Nature Positive Impact Data for the Financial Services 01:24:15 - 01:28:24
  + Project #11- GUI for general biodiversity indicators 01:29:14 - 01:37:29
  + Project #7- Interoperable eLTER Standard Observation variables for Biosphere 01:37:47 - 01:45:17
  + Project #2+8- Unveiling Ecological Dynamics Through Simulation and Visualization of Biodiversity Data Cubes & Virtual B3 - How reliability and uncertainty of biodiversity sampling affect SDM: build virtual species to cope with real problems! 01:45:40 - 02:00:00
  + Project #10- Effects of integrating species occurrences from different sources into Data Cubes: facilitating detection of data balance, biases, scale and other effects. 02:00:20 - 02:07:10
  + Questions for all the projects: 02:07:28 - 02:33:42
* Friday - [Announcement winners](https://drive.google.com/file/d/1em21Q5klyEGKWTQPveHVKVnW0M19zrho/view?usp=sharing) & [Live announcement](https://drive.google.com/file/d/1mWbXul8QzOhKqmVjpNDg2grB10nmEWxd/view?usp=sharing)

# Other information

## Code of conduct for the hackathon

Be aware that this event adheres to the [B-Cubed code of conduct](https://b-cubed.eu/storage/app/media/Code%D0%9EfConductHackathon.pdf). Let's work together to create an inclusive and respectful environment where all participants can collaborate, learn, and share their experiences. Our support team during the event will be identified at the start of the hackathon. Contact us via email at [b-cubedsupport@meisebotanicgarden.be](mailto:b-cubedsupport@meisebotanicgarden.be).

## Photography and videography

Certain sessions will be live-streamed and due to the hybrid nature of the event, virtual participants will be able to see the room and individuals attending in person. Adriana Dechina will be on-site to capture some photographs and record videos for an aftermovie. On day 2 ( April 3), we will take a group photo at 4:20 PM at the reception.