



SCIENCE ON THE WALLS

Our Vision

No one is left behind: all children deserve the same opportunities accessing scientific and artistic education.

Our Mission

Researchers and artists uniting efforts to build bridges across communities and provide arts and science education to children.

Our Values

Equality - Purpose - Co-construction - Drive the change



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What is Science on the Walls?

Science on the Walls works to provide events that foster **knowledge exchange** between the communities of Cova da Moura, Amadora and scientific institutions in Greater Lisbon by **combining science and art**.



COVA DA MOURA, AMADORA



Champilimaud
Foundation

Who are we?

- International interdisciplinary team
- 3 neighbourhood associations in Cova da Moura
- >60 scientists from institutes in Lisbon
- Professional artists

Building scientific literacy

Science on the Walls helps to bridge educational gaps, ensuring equal opportunities for all.

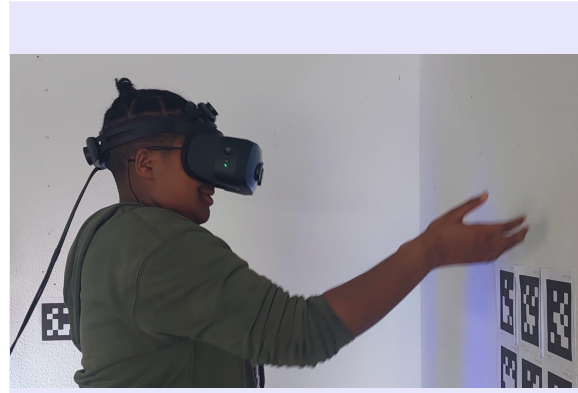
We empower individuals to make informed decisions, by fostering **critical thinking and innovation.**

Shaping the next generation of diverse scientists

Science on the Walls offers a framework to cultivate the **diverse scientific minds** we need to face future challenges and contribute to scientific and technological advancements.

Promoting cultural and knowledge exchange

Science on the Walls harnesses the accessibility and excitement of street art to **break down barriers** to scientific and cultural knowledge and enhance **social mobility.**



Our achievements

Over the last three years we have:

- Produced high quality **bi-monthly activities** including one-day workshops and public events
- Organised **science themed summer camps** in Cova da Moura with external trips and diverse scientific and artistic activities
- Promoted impactful and long-lasting connections with **>300 children**
- Established **long term connections** with 3 associations in Cova da Moura, 3 street artists and >60 scientist volunteers
- Received support from Freguesia de Águas Livres and Champalimaud Foundation and **secured competitive funding** from Animal Research Tomorrow (Basel Declaration), and MSCA & Citizens (EU Commission), in the context of RAISE - Researchers in Action for Inclusion in Science Education consortium.





Our Future Goals

1. Initiating a **citizen science** projects program with community driven research
2. Fortifying our **pipeline to careers** in science by enabling access to university programs, work experience opportunities and collaborations with other institutions
3. Maintaining our **bi-monthly events and annual summer camp** combining high-quality science education with artistic initiatives

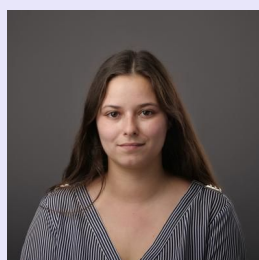


Meet the Team

The Science on the Walls is proud to have a **diverse core team** representing >8 nationalities and is supported by >60 helpers.

Our organisational team is split into three branches: scientific, artistic, and community.

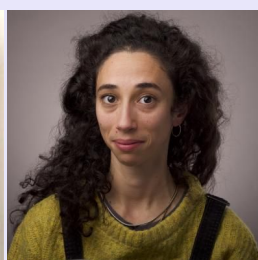
Core scientific team



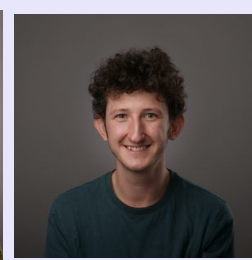
Margarida Caio



Benilde Pondeca



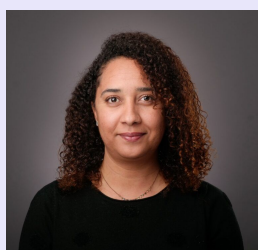
Violetta La
Franca



Rory Beresford



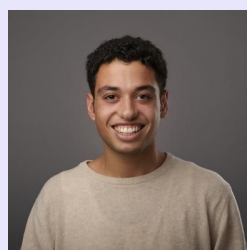
João Cruz



Denise Camacho



Catarina Ramos



Thomas Soares
Mullen

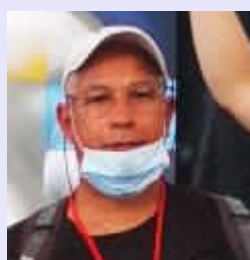


Cleusia Manuel



Charlie Rosher

Core community team



Emanuel
Perreira



Sofia Santos



Liedson de
Carvalho



Paulo Cabral



Carlos Alberto

Core artistic team



Rogerio Ramos



Milad Khonsorkh



Giuliano La
Franca

Where we work

Our efforts are currently based in the **Cova da Moura neighbourhood, Amadora**. This is a neighbourhood where the majority of the population comes from Cape Verde, but there are also significant immigrants from Angola, Mozambique and Guinea-Bissau, as well as migrants from central and northern Portugal and nationals returning from the former colonies. Recently, the settlement of migrant populations from Eastern Europe and Brazil has accentuated the population and cultural diversity.

- Moinho da Juventude, Cova da Moura
- Associação Alto da Cova da Moura
- Homework Club of Cova da Moura
- Champalimaud Foundation, Lisbon



Our Events

Over the last three years we have organised **>25 events**

Interactive workshops on themes including:

- Physics of Music
- Artificial Intelligence
- Ceramics
- Virtual Reality
- Serigraphy
- Biology and chemistry labs
- Street Art
- Interviews with scientists

Educational visits including trips to:

- Oceanario aquarium
- Scuba diving experience
- Champalimaud Foundation Labs
- European Researchers Night
- Zoological Gardens
- Metamersion AI exhibition at The Warehouse
- Rock pooling with Marine Biologists at Avencas

These have taken place either as part of our **bi-monthly events** or as part of our **annual summer camps**.



January 2022
Science & Street Art workshop
Junta Freguesia Águas Livres



March 2022
Brain Awareness Week
Escola Pedro d'Orey da Cunha



September 2022
European Researchers Night
Champalimaud Foundation



April 2023
Lab tours and mural painting
Champalimaud Foundation



June 2023
Science mural painting
Cova da Moura



July-September 2023
Summer camp
Cova da Moura



September 2023
European Researchers Night
Champalimaud Foundation

2023



January 2024
Scuba & rockpooling
Odivelas | Parede



March 2024
Interviewing scientists
Cova da Moura



May 2024
Metamersion AI exhibition
Cova da Moura | CF



September 2024
European researchers night
Pavilhão de Conhecimento



September 2024
Summer camp
Cova da Moura



2024

Our Policies

Child safety and risk assessment

At Science on the Walls, child safety is critical. While providing high quality scientific and artistic activities, we take care to ensure risks are assessed and preventative measures are in place. All collaborators have access to our safeguarding policy which is on our website.

Budgeting

Through Champalimaud Foundation, Science on the Walls has access to administrative staff who take care of our budget transparency and accountability. Our budget is split into 4 bands according to the event type: local workshops, Champalimaud Foundation visits, external trips or week-long summer camps.

Protocols

Science on the Walls follows protocols that account for:

- Onboarding new members and volunteers
- Pre- and post-event organising
- Qualitative feedback
- Photography and parental consent
- Social media

We are always striving to improve the processes underpinning the activities we do at Science on the Walls.

Budgeting

Science on the walls (SOTW) aims to secure long-term funding to host workshops throughout the year. We have divided our events into two categories:

1. **Category A:** Short-time projects (~1 day activities)
 - 1.1. Cova da Moura
 - 1.2. Champalimaud Foundation
 - 1.3. Away day (external)
2. **Category B:** Long-time projects (1 week activities)

Category A events aim to expose a cohort (6-12 yr/o or 12-15 yr/o) to a scientific theme mediated through an interactive activity or day-trip.

Category B events are week-long in-depth explorations of scientific topics during school holidays, with themes led by the preferences of the participants and collaborations with community artists. Previous events had demonstrable impact on students based on... (mention student impact forms)

Our target for the year 2024/25 would be to organize:

- **Category A (900€) x 5 per year**
- **Category B (8200€) x 1 per year**

The estimated total cost for the two categories was calculated using financial data from 2023/24 (available on request).

We have separated labor costs into three tiers:

1. **Specialist** - Artists, sport persons, tour guides, etc
2. **Core team** - SOTW committee member
3. **Volunteer**

Labor costs for the SOTW core team are currently covered by the Champalimaud Foundation, but this excludes specialist labor costs. Additionally, we rely on volunteers to help supervise activities.

Champalimaud Foundation provides Cost Centers with administrative staff who support the management of finances.

Breakdown of a day-long workshop (Category A)

Workshop covers:

- 50 participants
- Transportation to and from venue
- Specialized workshop (materials included)
- Lunch meals and refreshments
- 4 SOTW core members
- Specialized staff

Cat A.1 - Cova da Moura event *(See Annex I for detail)*

Workshop event involving neighbourhood artists and scientists. Previous examples include: Interviews of community members and scientists, Artificial intelligence in science and art, Physics of sound and music, Geometry and t-shirt making, Experiments and serigraphy bag-making.

Cat A.2 - Champalimaud Foundation event *(See Annex II for detail)*

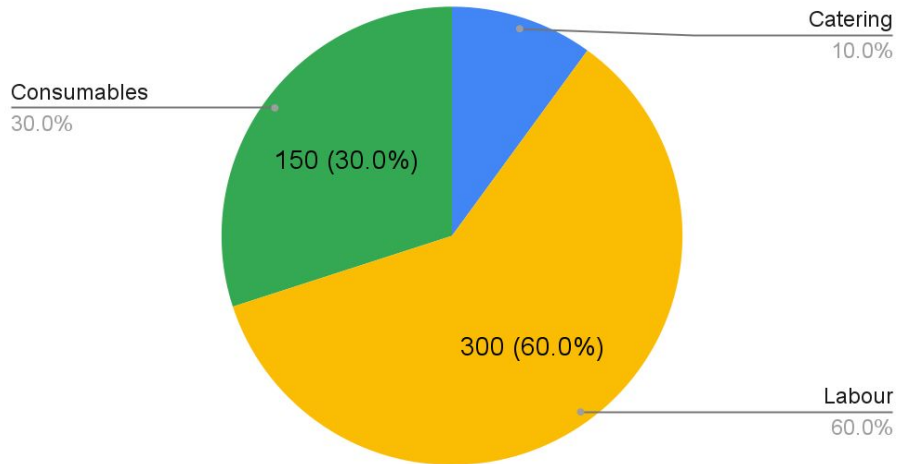
Visit with focus on specific topic. Previous examples include: visit to Vivarium to discuss Animal Research in Cancer and Neuroscience, visit to Champalimaud Warehouse to explore Artificial Intelligence in Healthcare.

Cat A.3 - External day trip event *(See Annex III for detail)*

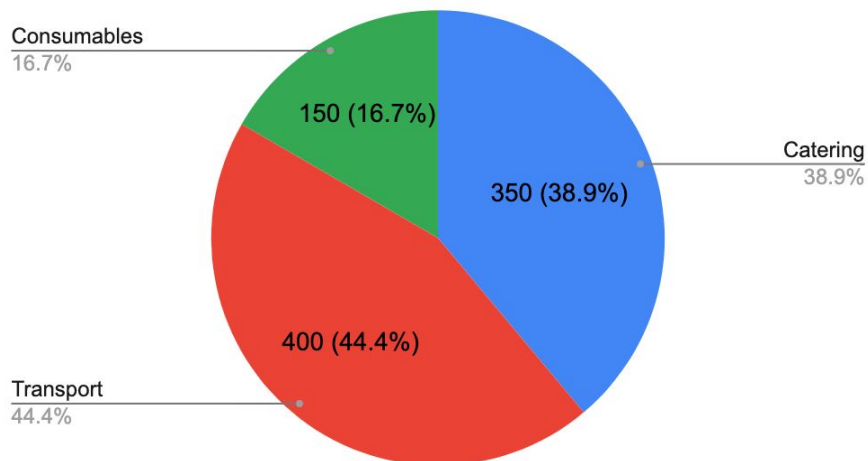
Visit to an external educational exhibition. Examples include rock-pooling in Avencas, Paço de Arcos, with Marine Biologists; Oceanario; Zoological Gardens.

Summary Expenditure			
	Cat A.1	Cat A.2	Cat A.3
Category	Amount €	Amount €	Amount €
Catering	50	350	350
Transport	0	400	400
Labour	300	0	0
Consumables	150	150	0
Venue/Accommodation	0	0	500
Total €	500	900	1250
Per head €	10	18	25

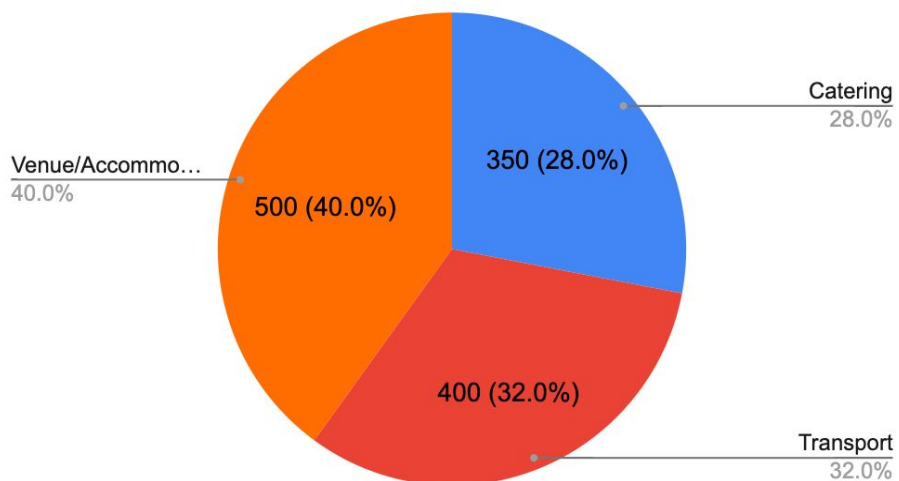
Cat A.1 Budget distribution (€)



Cat A.2 Budget distribution



Cat A.3 Budget distribution



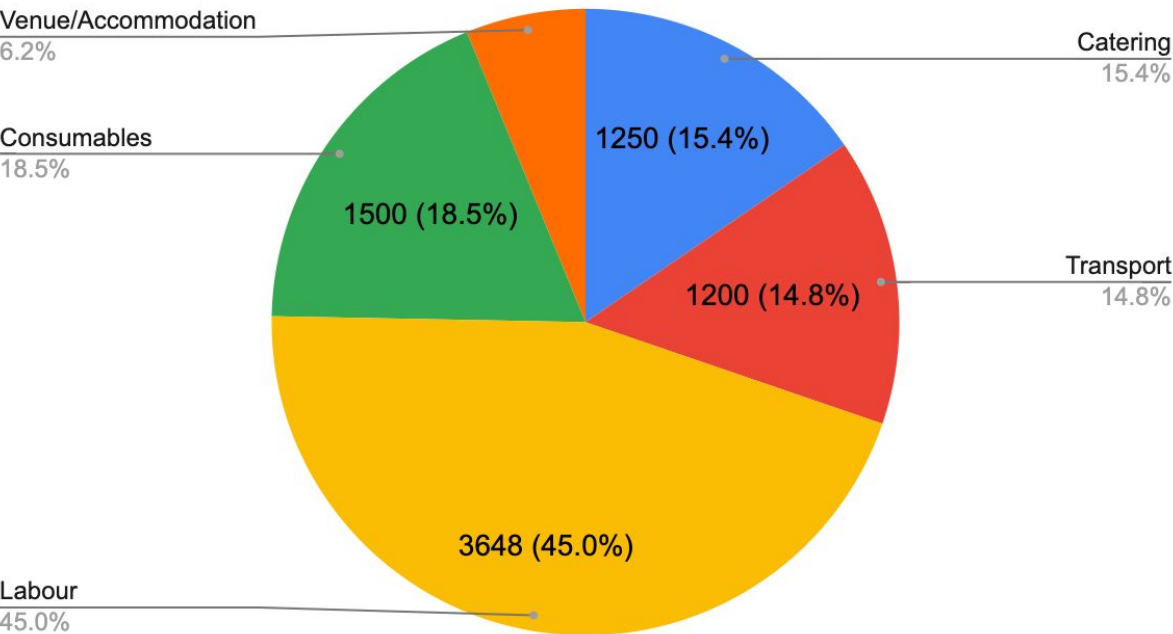
Breakdown of Summer Camp

One week long workshop is made from a combination of the 3 different subtypes of Category A.

One week holiday camp example itinerary (*See Annex IV for detail*)

- Day 1: Introduction to team members and scientific topics with hands-on activities.
- Day 2: Trip to Fundação Champalimaud.
- Day 3: Art and Science collaboration activity or planning day.
- Day 4: Educational trip eg. to Oceanario.
- Day 5: Art and Science collaboration.
- Day 6: Trip to Champalimaud Warehouse to present work to scientists.
- Day 7: Presentation of scientific work to parents, carers and community members.

Cat B Budget distribution





Contact us



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Instagram: [@scienceonthewalls](https://www.instagram.com/scienceonthewalls)

LinkedIn: [@ScienceOnTheWalls](https://www.linkedin.com/company/ScienceOnTheWalls)

Whatsapp:

[Add QR link to friends of science on the walls]

We are looking for collaborations and sponsors!

If you are interested, leave your contact details in this [google form](#).