

# Proposal: Hosting an "Open=Safe" Workshop at [University/Organization Name]

**Submitted by:** Safecast

**Date:** [Insert Date]

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## Executive Summary

Safecast, a globally recognized leader in citizen science and environmental monitoring, proposes a collaborative partnership with [University/Organization Name] to host an "Open=Safe" workshop. This hands-on workshop will empower participants to build open-source radiation monitoring devices (bGeigieZen kits) and learn about radiation science, data collection, and environmental safety. By hosting this workshop, [University/Organization Name] will contribute to fostering scientific literacy, community engagement, and environmental awareness while supporting an open and safe world.

This proposal outlines the structure, objectives, benefits, and financial requirements for conducting one workshop.

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## Workshop Overview

### Title

**Open=Safe: Building Open-Source Radiation Monitoring Devices**

### Duration

1-day or 2-day workshop (flexible based on host preference)

### Participants

- Maximum of 10 participants (to ensure personalized instruction)

- **Target audience:** Students, researchers, community members, or professionals interested in environmental science, citizen science, or technology.

## Instructors

Three experienced Safecast instructors will lead the workshop:

1. **Technical Instructor:** Guides participants through device assembly.
2. **Radiation Science Educator:** Provides foundational knowledge about radiation and its environmental impact.
3. **Data Specialist:** Teaches participants how to integrate their devices into Safecast's global radiation data network.

## Objectives

1. Teach participants how to assemble and use bGeigieZen kits for real-time radiation monitoring.
  2. Provide foundational knowledge about radiation science and its role in environmental safety.
  3. Empower participants to contribute to Safecast's open global radiation data network.
  4. Foster a culture of open-source innovation and community-driven problem-solving.
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## Workshop Structure

### Morning Session

1. **Introduction to Radiation Science**
  - o Basics of radiation: What it is, how it's measured, and why it matters.
  - o Overview of global radiation monitoring networks and Safecast's role.
2. **Introduction to bGeigieZen Kits**
  - o Demonstration of the device's components and functionality.
3. **Hands-On Assembly**
  - o Step-by-step guidance on assembling bGeigieZen kits.
  - o Use of soldering tools (provided locally) for hardware assembly.

#### 4. **Data Integration**

- o Connecting devices to Safecast's global network.
- o Visualizing collected data on maps for public access.

### **Closing**

#### 5. **Wrap-Up Discussion**

- o Q&A session with instructors.
- o Sharing ideas for using the devices in research or community projects.

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### **Benefits of Hosting the Workshop**

#### **For [University/Organization Name]:**

1. **Educational Impact:** Enhance STEM education by providing hands-on experience with cutting-edge technology.
2. **Community Engagement:** Demonstrate leadership in promoting environmental awareness and citizen science.
3. **Research Opportunities:** Access real-time radiation data for academic research or institutional projects.
4. **Visibility:** Gain recognition as a partner in an internationally acclaimed initiative that promotes open-source solutions for global challenges.

#### **For Participants:**

1. Learn practical skills in assembling and using open-source technology.
2. Gain insights into radiation science and its relevance to public health and safety.
3. Contribute directly to an open global database used by researchers worldwide.
4. Build connections with like-minded individuals passionate about science and sustainability.

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### **Resources Required**

To successfully host the workshop, we request support from [University/Organization Name] in the following areas:

1. Venue

- A classroom or lab space with seating for 10 participants and tables for hands-on assembly work.
- Access to power outlets for soldering tools and laptops.

2. Tools (Provided Locally)

- Basic tools such as soldering irons, screwdrivers, pliers, etc., which are commonly available in university labs or maker spaces.

3. Funding Support (€5,750)

We request funding support of €5,750 to cover the following costs:

a. Workshop Materials (€4,250)

- 10 bGeigieZen kits (€400 per kit): €4,000
- Printed guides (assembly instructions, radiation science basics): €25 per participant × 10 = €250

b. Instructor Costs (€1,250)

- Instructor fees: €400 per instructor × 3 instructors = €1,200
- Travel costs: €50 per instructor × 3 instructors = €150

c. Venue Costs (€500)

- If a free venue is unavailable, rental costs for one day: €500

d. Contingency Fund (€250)

- To cover unforeseen expenses related to logistics or materials: €250

Detailed Budget Breakdown

Budget Category	Item	Unit Cost	Quantit	Total
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		(€)	y	(€)
<b>Workshop Materials</b>	bGeigieZen Kits	400	10	4,000
	Printed Guides	25	10	250
	<b>Subtotal</b>			<b>4,250</b>
<b>Instructor Costs</b>	Instructor Fees	400	3	1,200
	Instructor Travel Costs	50	3	150
	<b>Subtotal</b>			<b>1,250</b>
<b>Venue Costs</b>	Venue Rental (if applicable)	500	1	500
	<b>Subtotal</b>			<b>500</b>
<b>Contingency Fund</b>	Unforeseen Expenses			250
	<b>Subtotal</b>			<b>250</b>
<b>Grand Total</b>				<b>5,750</b>

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## Timeline

The proposed timeline for organizing the workshop is as follows:

### 1. Month 1: Planning

- o Confirm partnership with [University/Organization Name].
- o Finalize date and venue details.
- o Procure materials (bGeigieZen kits).

### 2. Month 2: Promotion

- o Promote the workshop through university channels or local networks.
- o Register participants (maximum 10).

### 3. Month 3: Workshop Delivery

- o Conduct the workshop on the agreed-upon date.

#### 4. **Post-Workshop**

- o Provide follow-up support to participants (e.g., troubleshooting devices).
- o Share feedback report with [University/Organization Name].

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## **Conclusion**

By hosting an "Open=Safe" workshop at [University/Organization Name], you will play a vital role in advancing environmental awareness and scientific literacy within your community while supporting an internationally recognized initiative that promotes transparency through technology.

We look forward to collaborating with you on this exciting opportunity! Please feel free to contact us with any questions or for further details about this proposal.

Thank you for your consideration!

Sincerely,

[Your Name]

[Your Title]

Safecast