

# Event Information & Locations

## Smart Green Island Makeathon 2026

24.02.2026 – 28.02.2026



**SMART**  
**GREEN**  
ISLAND



**ITQ**

competence in mechatronics  
software and systems engineering

# Event Information & Locations

- Team Contact
- Event Summary
- Locations
- Onsite Organisation

# Project Team Members

## Smart Green Island Makeathon 2025

### ▪ Orga, Marketing & Social Media

- **Anis Kossentini**
- **Caroline Schiller**



Anis Kossentini



Caroline Schiller

### ▪ Coaching, Moderation, Workshops

- **Jonas Fischer**
- **Marko Nagl**



Marko Nagl



Jonas Fischer

### ▪ Team Gran Canaria

- **Lars Bornecke**
- **Fatima Abdelfatah**



Lars Bornecke



Fatima Abdelfatah

# Event Highlight Summary – 5 days

## Smart Green Island Makeathon 2026

- **Tuesday, February 24<sup>th</sup>, 2026 from 16:00 – 18:00 pm**
  - Pre-Registration at Event Location for participants
  - Museo Elder, Parque Santa Catalina, 35007 Las Palmas, Gran Canaria, Spain
- **Wednesday through Friday, February 25<sup>th</sup>-27<sup>th</sup>,2026 from 08:30 – 20:00 pm**
  - Make & Work at Museo Elder
- **Final Pitches: Saturday, 15.03.2025 from 12:00 – 14:00 pm**
  - Auditorium, Second Floor, Museo Elder
  - After final presentation all participants clean-up
  - Museum closes at 15:00 pm because of Carnival and road closures

# Key Facts – 5 days

## Smart Green Island Makeathon 2026

- **Coffee, Lunch, Sweets, Fruits and Drinks are provided during the day**
  - Culinary Management Students from BBS Wilhelmshaven will cook for us!
  - They are part of the MAKEATHON student team
  - **Please do not take coffee/coke and food on the making area. Water bottles only!**
- **Sponsors Hands On Workshops held by Experts**
  - Sponsoring companies offer workshops for participants
  - Topics: Machine Vision, Industrial Robot Programming, Rapid Prototyping, ...
  - Registration available soon
- **Please be aware that smoking is prohibited in all areas of the museum!**
  - Includes: no smoking on the Museum terrace/outdoor area at cafeteria
  - If you want to smoke, you need to exit the premises
  - Reentry only with your MAKEATHON badge!

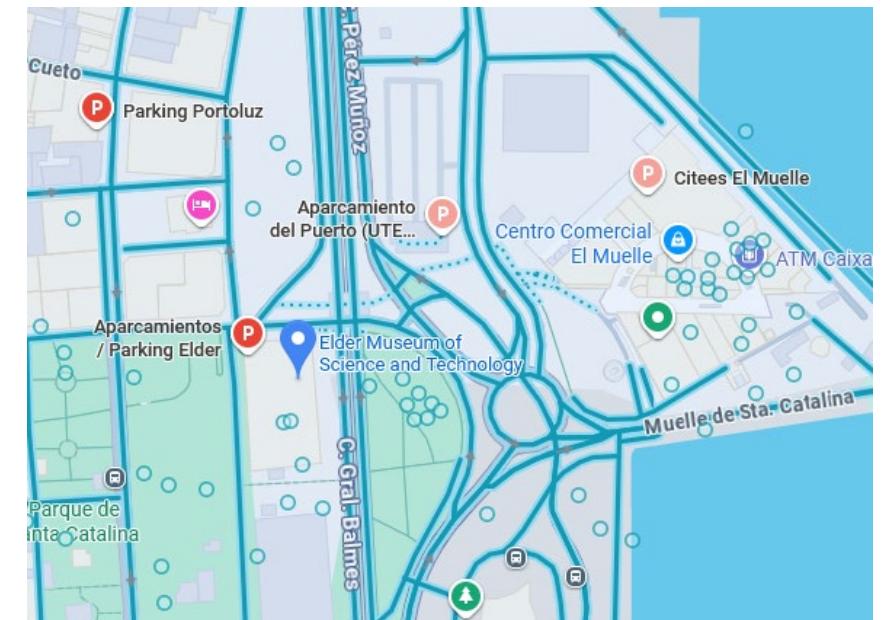
# Carnival Situation & Parking Facilities

## Smart Green Island Makeathon 2026

- As the MAKEATHON Location is in the City Center Carnival is around the corner
- There are several public stages with partys on Friday and Saturday
- If you are travelling by car, please make sure to park in only designated areas as some roads will be closed during the day

- Recommended Parking Lots (with fee) are:
  - Aparcamientos Elder
  - Aparcamientos del Puerto
  - Aparcaminetos Citees El Muelle

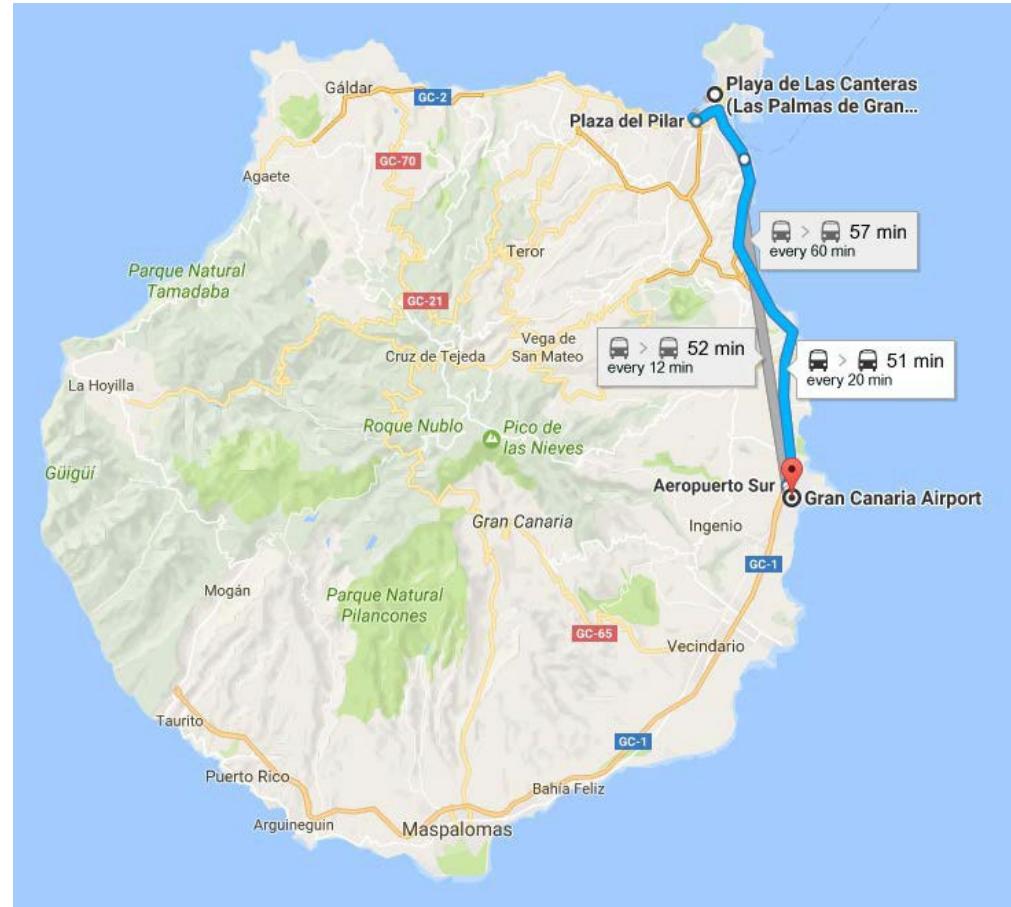


# Locations – Overview

## Location:

Museo Elder, Parque Santa Catalina, 35007 Las Palmas, GC

# How to get to Las Palmas?



- You can get from the airport to Las Palmas (capital of Gran Canaria) by bus within 1 hour
- You take line 60 – the grey marked buses go to the beach area, the other buses end in oldtown
- Or you go by taxi for ~30€

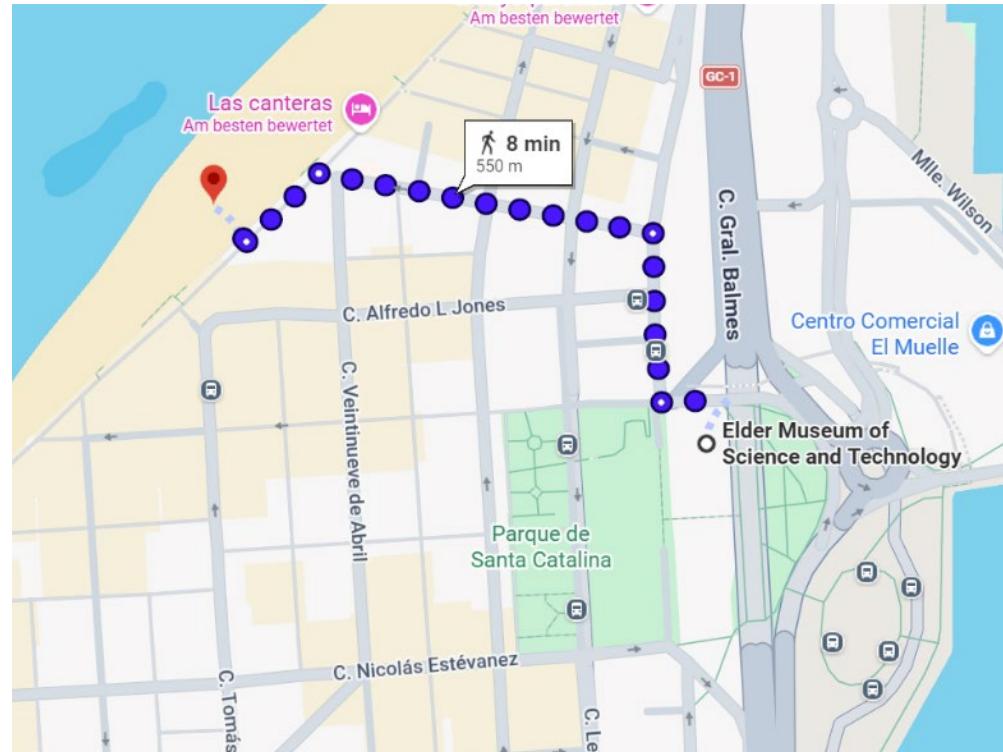
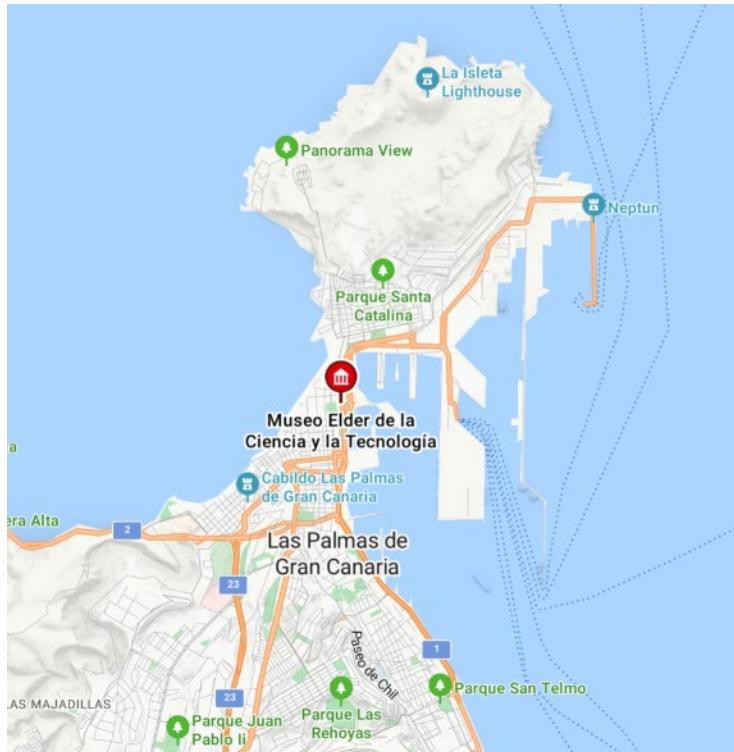
60		Las Palmas de G.C. San Telmo - Aeropuerto Gran Canaria																							
		Aeropuerto Gran Canaria – Las Palmas de G.C. San Telmo																							
Diario / Daily / Täglich	Horas	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	L.Palmas GC San Telmo - Aeropuerto Gran Canaria																								
	Aeropuerto Gran Canaria - L.Palmas GC San Telmo	45	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	40	40	

[More Information at GuaguasGlobal Airport Bus](#)

# How to get to the event location?

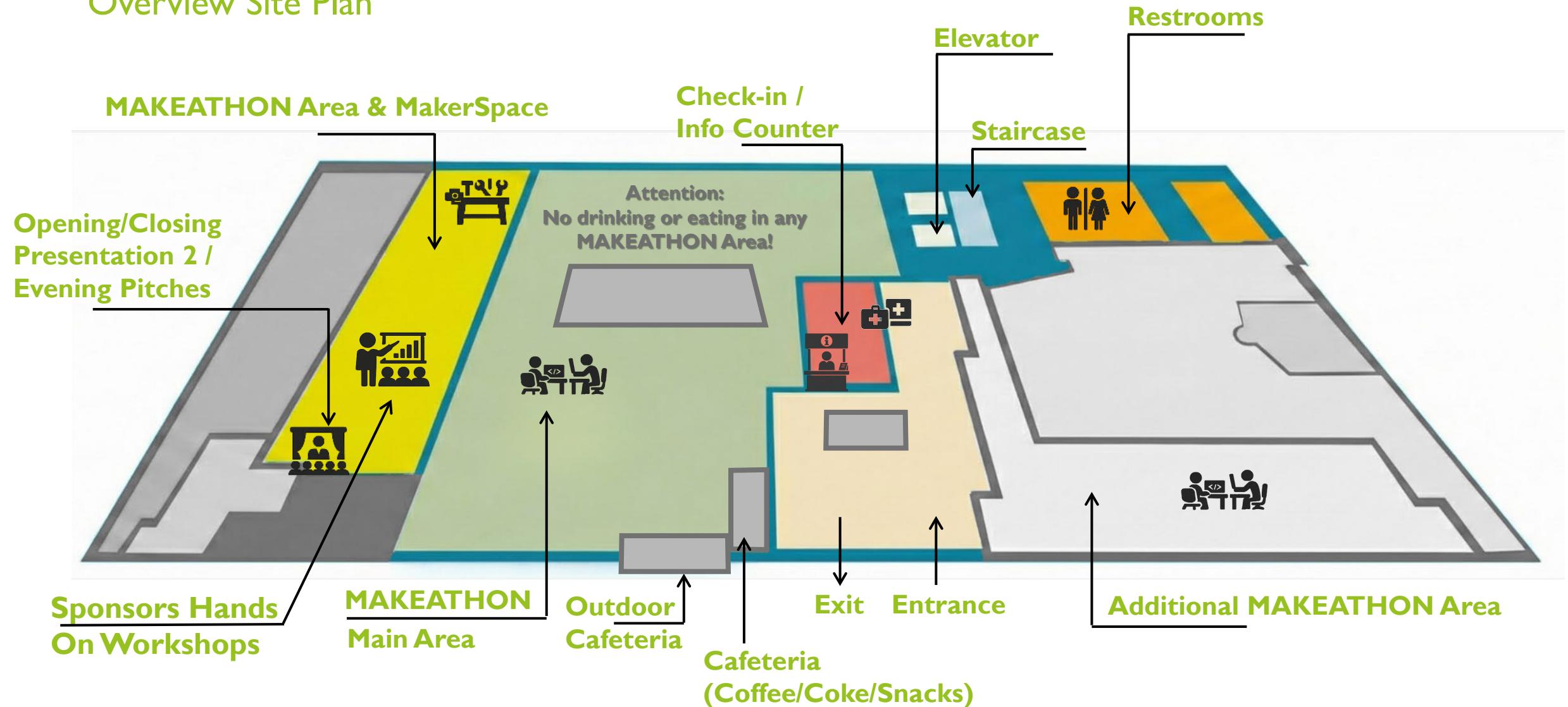
Address of the Event: **Museo Elder, Parque Santa Catalina, 7, 35008 Las Palmas**

- From the beach area Las Canteras you can walk to the Museo Elder
- Please be aware of road closures due to Carnival on Friday and Saturday



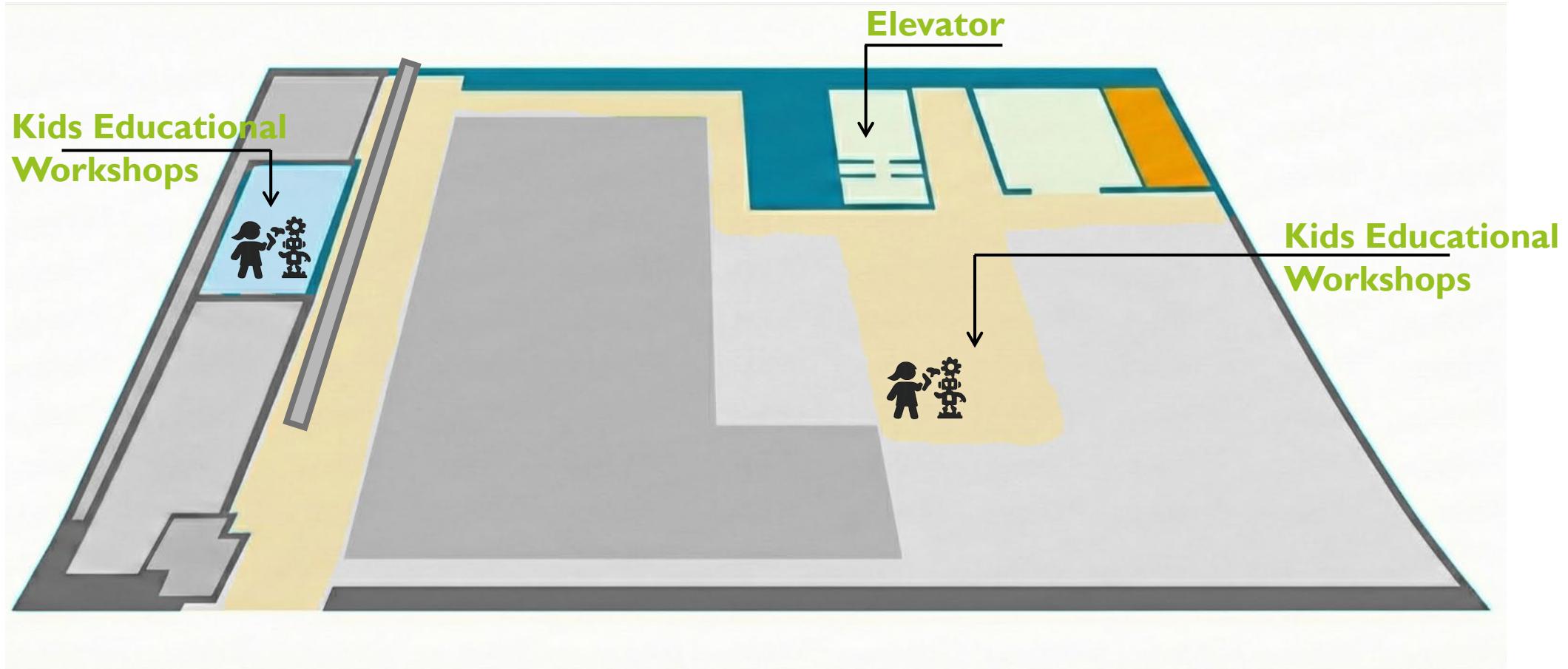
# Ground Floor – MAKEATHON Main Area

## Overview Site Plan



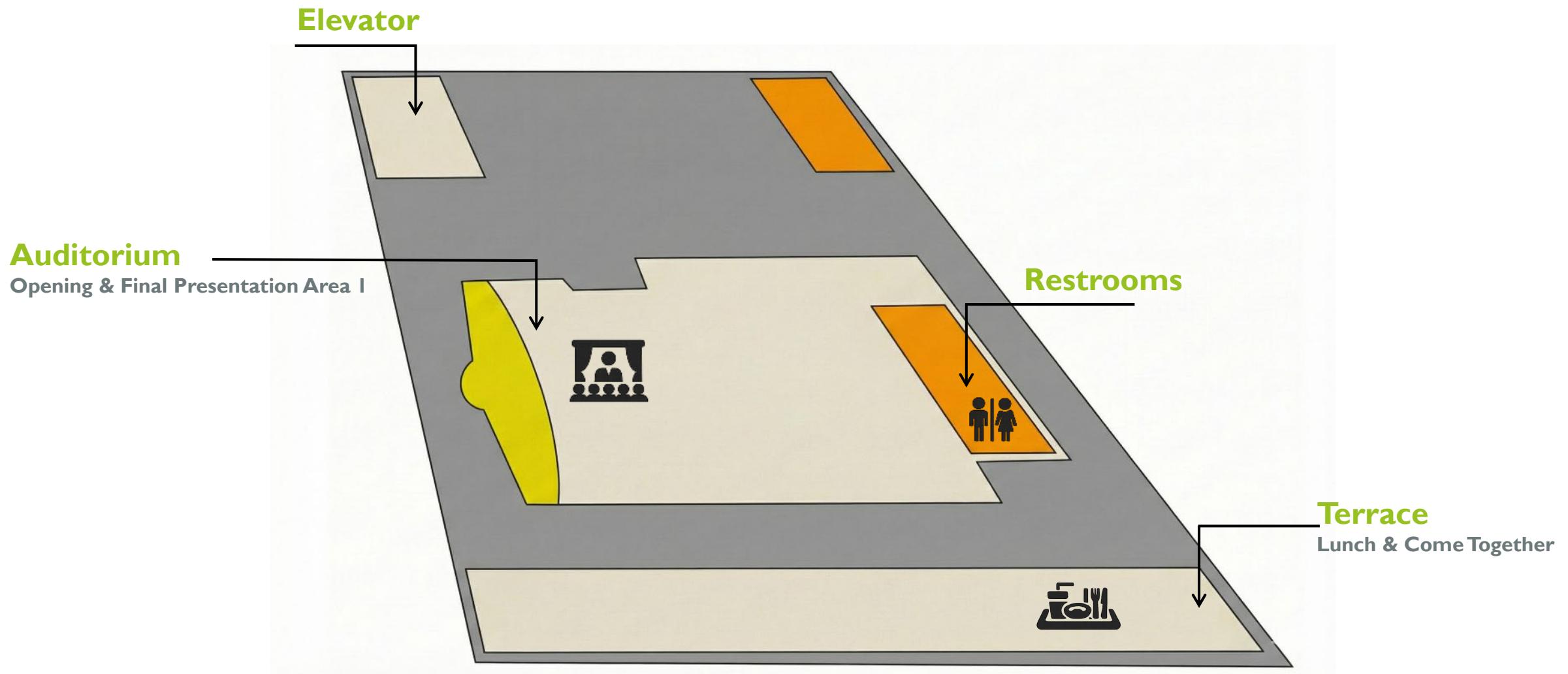
# First Floor – Hands On Workshops

## Overview Site Plan



# Second Floor – Auditorium

## Overview Opening and Final Presentations Site Plan



# Onsite Organisation

- Hygienic Measurements
- Support Onsite
- Catering
- Material & MAKEATHON T-Shirts

# Hygienic Measurements

## Prevent Corona and other Diseases

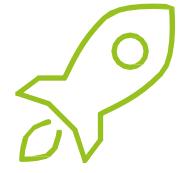
- Please follow our recommendation:
  - Participants should not come to the MAKEATHON if they have any Symptoms of Illness!
  - ITQ provides Masks and Disinfectants onsite
  - Please contact the Info Counter/Check-in booth on groundfloor if you have an emergency.

**We rely on the Personal Responsibility of the Participants!**



# Onsite Support

## Smart Green Island Makeathon 2026

- All our ITQ staff will be there to support you with any questions and needs – Please feel free to contact us! 
- Please make sure to use our Main Communication Platform for Making Mattermost 
- Make sure to be part of our MAKEATHON WhatsApp Community to get latest information! 
- Make sure to be part of our Social Media Community! 
- **Let's show the WORLD, what we are DOING during these 5 days...**

# Checklist – What to bring to the event

## Smart Green Island Makeathon 2026

- Motivation to:
- Be creative during the days and work hard! Enjoy fun times at night
- Meet and network with students/companies from different countries
  
- Laptop
  
- (European) Health Insurance Card
  
- Cash Money (!) for your own Coffee Cups – 5 € Deposit
  
- Swimsuit



# Checklist – What you get

## Smart Green Island Makeathon 2026

- **Catering**
  - Coffee & Drinks, Sweets & Fruits – Only in cafeteria area!
  - Lunch by our catering Team – Meat, Vegetarian, Vegan, Gluten Free
    - Please keep in mind:  
***The catering team is also a student team and will be part of the MAKEATHON!***
  - No Breakfast or Dinner provided
- **Technical Support**
  - Support from Staff Members and Sponsoring Companies
  - Technical tools you need, after consultation
  - Hardware to use for prototyping
  - Free Wi-Fi
  - Different MAKEATHON Industry Challenges
  - MAKEATHON T-Shirts to wear during the Event



# Overview of available Hardware

## Smart Green Island Makeathon 2026

### I. Construction/Kits

- Various Robots
- Maker Beams
- Robot Kits
- And much more...



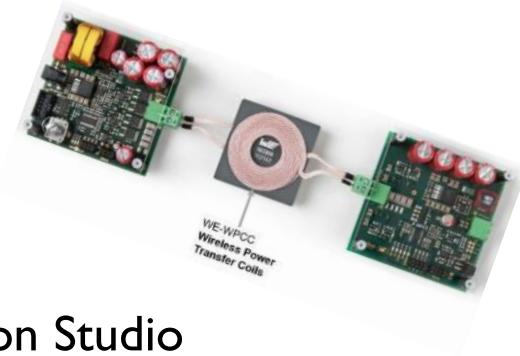
### 3. Sensors

- Large variety of Sensors and Actors
- Magnets, LEDs, Switches, Bearing Balls
- Digital Solder Stations
- And much more...



### 2. Programming

- MATLAB
- Simulink
- TwinCAT, Automation Studio
- DAVE, Halcon
- And much more...



### 4. Developer Boards

- Various Arduino Boards
- ESP 8266/ESP 32
- PLC
- Raspberry Pi 3/4
- And much more...



# Café Recommendations

## Smart Green Island Makeathon 2026

- For the little hunger in between
- There are several Cafés in the closest area. Feel free to check them out.
  - [Bar Cafetería Lanzarote Santa Catalina](#)
  - [Tine Coffee Bar](#)
  - [Gran Terraza Lolita Pluma](#)
  - ...





# Smart Green Island Makeathon Sponsors



Platinum



Gold



Cabildo de  
Gran Canaria



Gobierno  
de Canarias



elder\_  
MUSEO DE LA CIENCIA  
Y LA TECNOLOGÍA

BECKHOFF



Lorenz  
Deutsche Wasserzähler



Silver



MathWorks®



Algorithmics  
International school  
of programming



Bronze

PACKAGING VALLEY



teammt  
marketing 4 tomorrow



# Universities, Institutions and Vocational Schools





**SMART GREEN ISLAND MAKEATHON 2026**

# How to build a Team? Smart Green Island Makeathon 2026

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competence in mechatronics  
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# How to build a Team ?

- Recommended Size of Teams, Disciplines etc.
- **MAKEATHON** Challenge Registration Process

# How to build a Team?

- Recommended Team size 5-10 Persons
  - Special requests could be discussed
- We recommend to build an interdisciplinary Team from different universities/disciplines
- Our Platinum and Gold Sponsors will provide Ideas/Industry Challenges
  - For these Challenges there will be the right Material and Experts to coach you!
- All MAKEATHON Challenges relate to our new "CirQmind – Circular Economy through Circular Society" project

# On Wednesday we start with 10:45 am – Presentation Industry Challenges



Platinum Sponsors introduce their Company and Challenges

Presentation of the Gold Industry Challenges by ITQ



# From 12:30 pm Speed Dating with Participants

First Contact Sponsors ↔ Participants



# Exchange of Ideas – Participants and Sponsors

Brainstorming/Teambuilding – Team consists of 5-10 Persons



# Discussing the Idea

## Brainstorming/Teambuilding

- Sponsor (Mentor) discusses the idea with the Team and gives them tips/assistance and asks questions
  - Brief discussion of the Idea with a Sponsor/Professor/Coach (Mentor)
  - Evaluation of the Idea based on criteria, not whether the Sponsor's Hardware/Software is used

Innovative/creativity

→ Is it something new/amazing?

Technical difficulty

→ Is it ambitious/easy?

Sustainable

→ Is it SMART & GREEN?

Practicability

→ Is it realistic/useful?



# Team Registration

## Online Team Registration – Team consists of 5-10 People

- Completion of Online Team Form
  - Team Name
  - MAKEATHON Challenge
  - Category
  - Table Number
  - Team Project Leader (Contact Person)
  - Team Members (5-10 Persons per Team)
  - Team Photo – No Selfie Pictures!
  - Brief Description of the Idea/Project
- Team and Industry Challenge are now registered!

**REGISTER YOUR TEAM FOR THE RESPECTIVE MAKEATHON CHALLENGE**

Choose your MAKEATHON Challenge and work on it with your Team. Develop an innovative prototype in a short time of period.

Team Name \*

Industry Challenge \*

Category \*

First Name of Project Leader \*

Please write your First Name not in capital letters e. g. Max!



# Start Making

## Material Output

- The required materials can only be ordered after the Team has registered
- There will be only 2 fixed Time Slots for purchasing additional materials



# Overview Material

## Available Software & Hardware

### I. Construction/Kits

- Various Robots
- Maker Beams
- Robot Kits
- And much more...



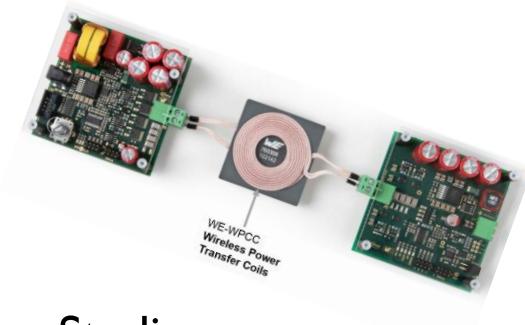
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- And much more...



### 4. Developer Boards

- Various Arduino Boards
- ESP 8266/ESP 32
- PLC
- Raspberry Pi  $\frac{3}{4}$
- And much more...



# Start Making

## 3D Printer Orders

- The 3D Models can only be ordered after the Team has registered
- There will be an End Time on the last day until 3D Models will be accepted
- There will be a maximum size of 3D Models and Cases which will be not printed
- More detailed Information will be available on the file upload site



# Free Licences

## MATLAB Simulink Software

- MathWorks is offering free MATLAB Simulink licenses for the MAKEATHON
  - Licenses are available 2 weeks before the MAKEATHON
  - Expires 1 month after the MAKEATHON
- Licenses can be downloaded here
  - [MATLAB Simulink Software](#)
- Introduction to the software (Chapters 1-5 Simulink Onramp) via the following link
  - [More Details about Simulink Onramp](#)
- More Information available during the MathWorks Hands On Workshop



# Evening Pitches

## Daily Presentations of all Teams

- At the end of each day, all Teams gather for the Evening Pitches
  - On the first day: Introduction of the Team and the Idea
  - On the following days: Presentation of Progress





**SMART GREEN ISLAND MAKEATHON 2026**