Smart Green Island Makeathon 2026

Summary

24.02.2026 – 28.02.2026

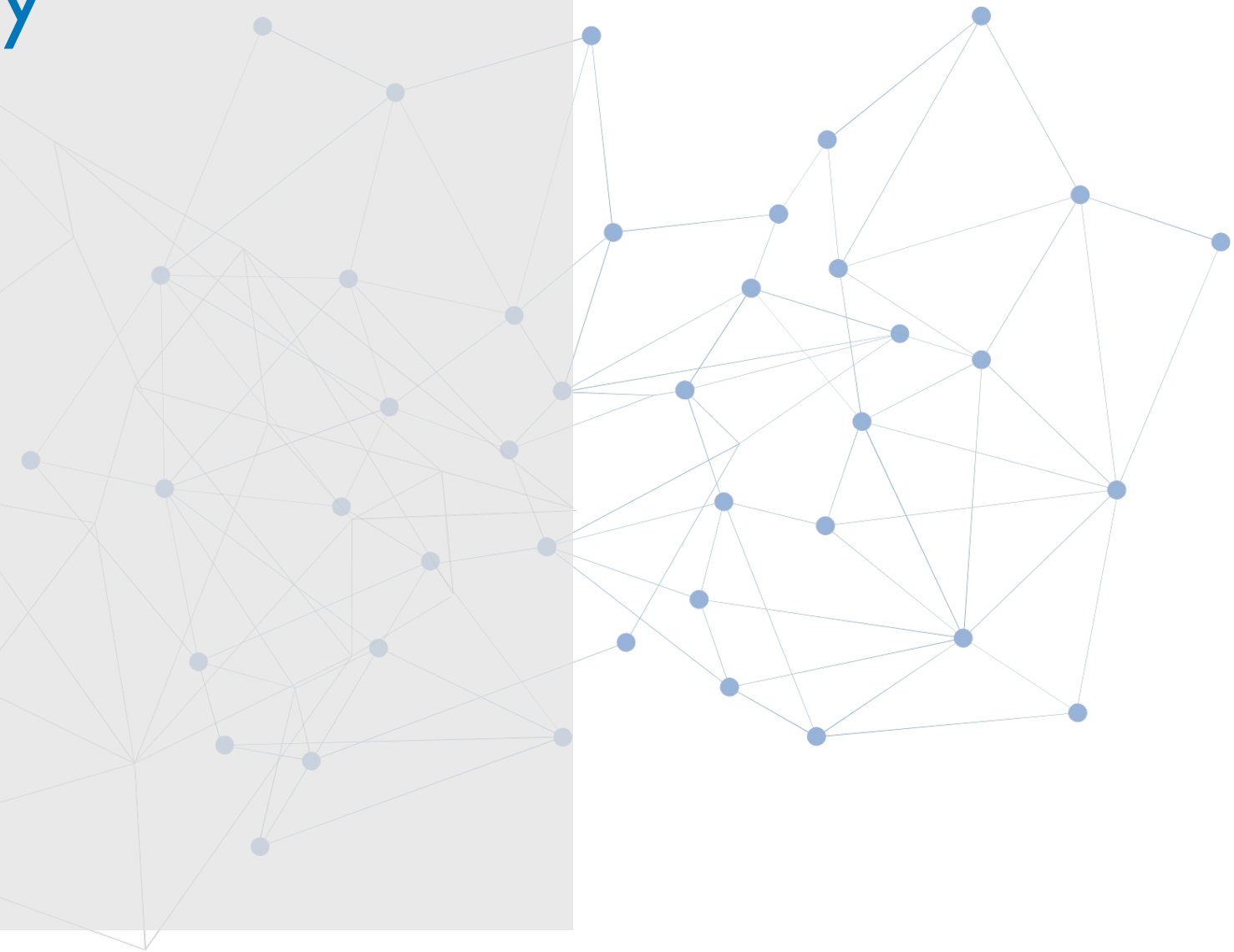


ITQ

competence in mechatronics
software and systems engineering

Overview Summary

1. Participants
2. Facts & Figures
3. Teams
4. Impressions



Our Mission & Vision

Model for Sustainable Life and Innovative Digital Education



Overview Participants – Smart Green Island Makeathon

Companies

Universities, Institutions, Vocational & Professional Schools

Young Talents



Smart Green Island Makeathon Sponsors

ITQ

Sponsoring Level

Platinum

MVTec Software GmbH

Gold

Cabildo de Gran Canaria

Gobierno de Canarias

FUNDACIÓN SERGIO ALONSO

elder_
MUSEO DE LA CIENCIA Y LA TECNOLOGÍA

BECKHOFF

KIPPER MEILLER

Lorenz
Deutsche Wasserzähler

Silver

igus

MathWorks

PROTECT THE PLANET
Dorothea Sick-Thies

I.E.S. El Rincón

QUANDERLAND

Algorithmics
International school of programming

BBS Wilhelmshaven
Berufsbildende Schulen 1

Bronze

PACKAGING VALLEY

VDMA SERVICES

teammt
marketing 4 tomorrow

H2BX
Die Wasserstofflotsen.

GERMAN VARSITY

ICSE

eurocast

Universities, Institutions and Vocational Schools

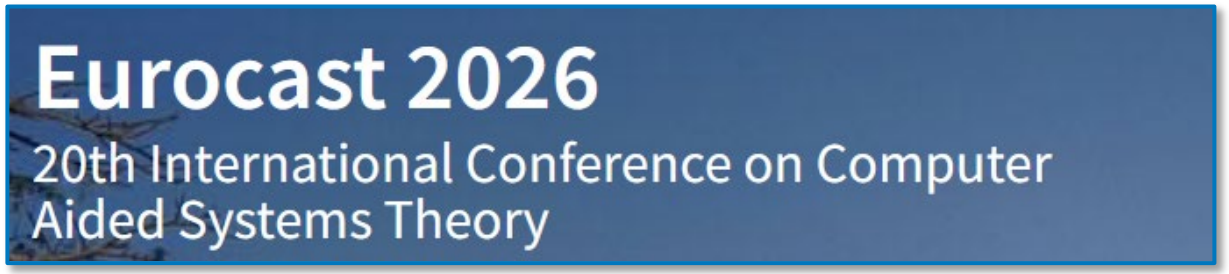


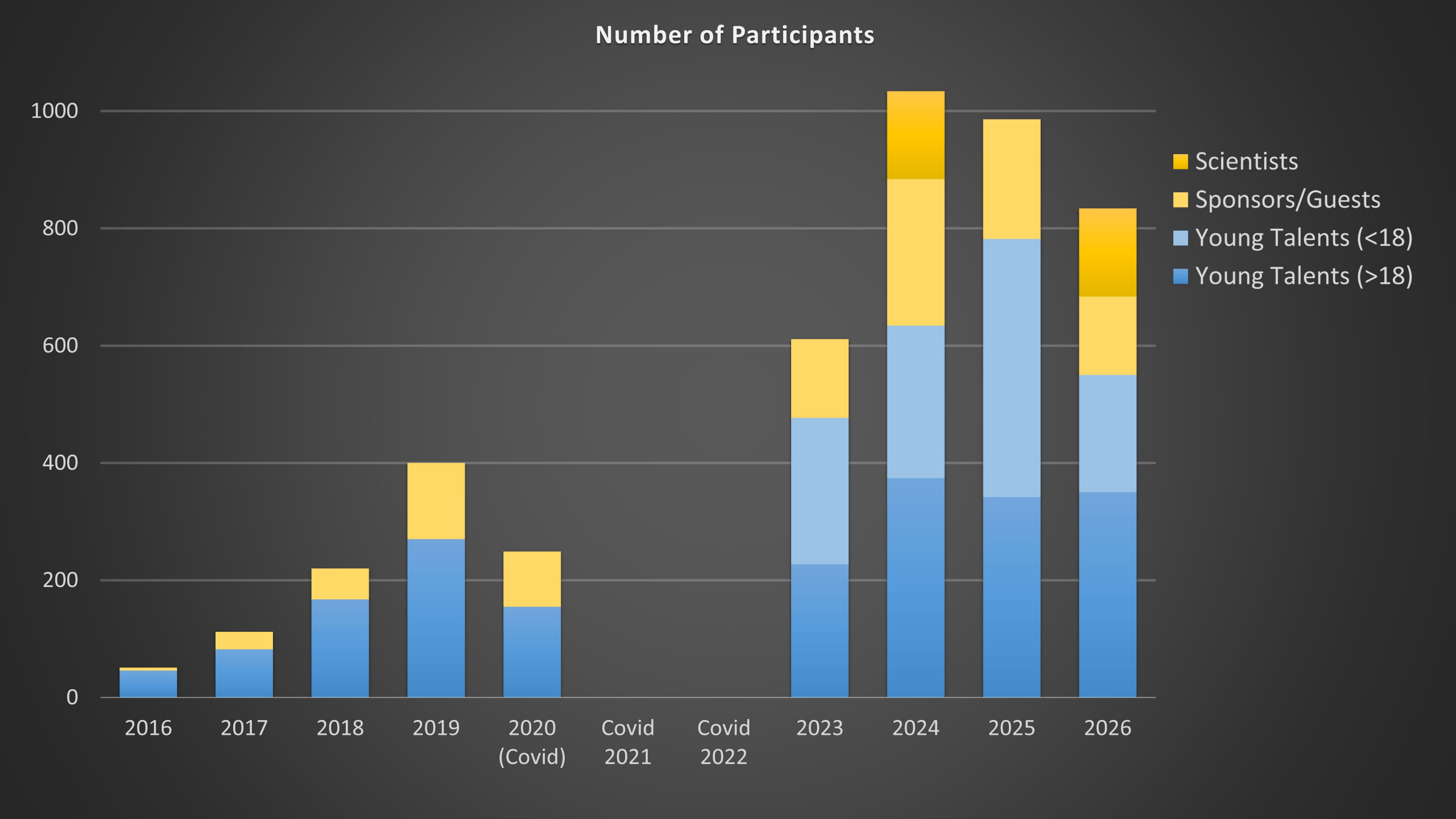
Participants 2026 – All Activities

Eurocast Conference, Makeathon, Educational Workshops

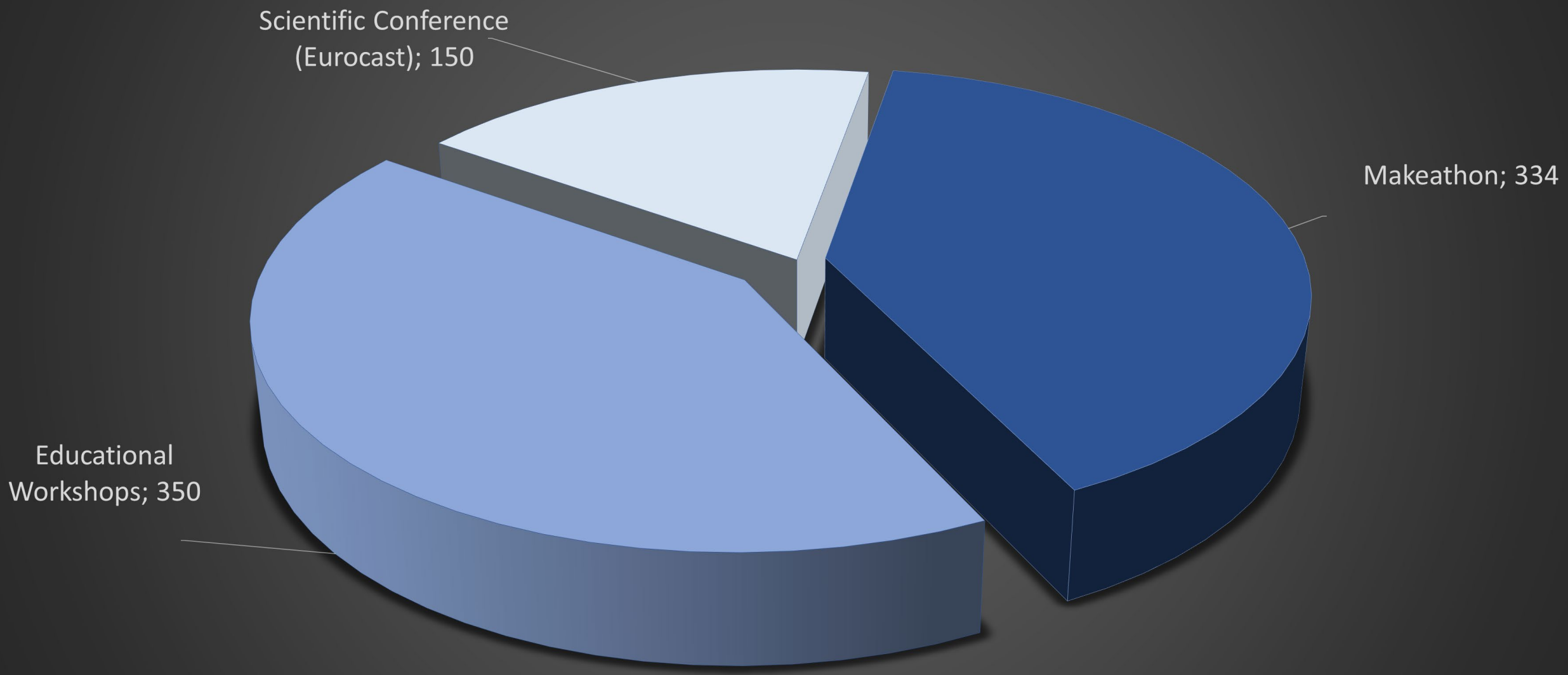
834

Participants

Eurocast Conference (25-66+ years)	
Makeathon (18-25 years)	  
Educational Workshops (6-18 years)	  


Number of Participants
1000
800
600
400
200
0
2016
2017
2018
2019
2020 (Covid)
Covid 2021
Covid 2022
2023
2024
2025
2026
Scientists
Sponsors/Guests
Young Talents (<18)
Young Talents (>18)

All Participants Eurocast/Makeathon/Educational Workshops



Registrations 2026 – Participants, Young Talents, Visitors, Guests

Smart Green Island Makeathon 2026

334

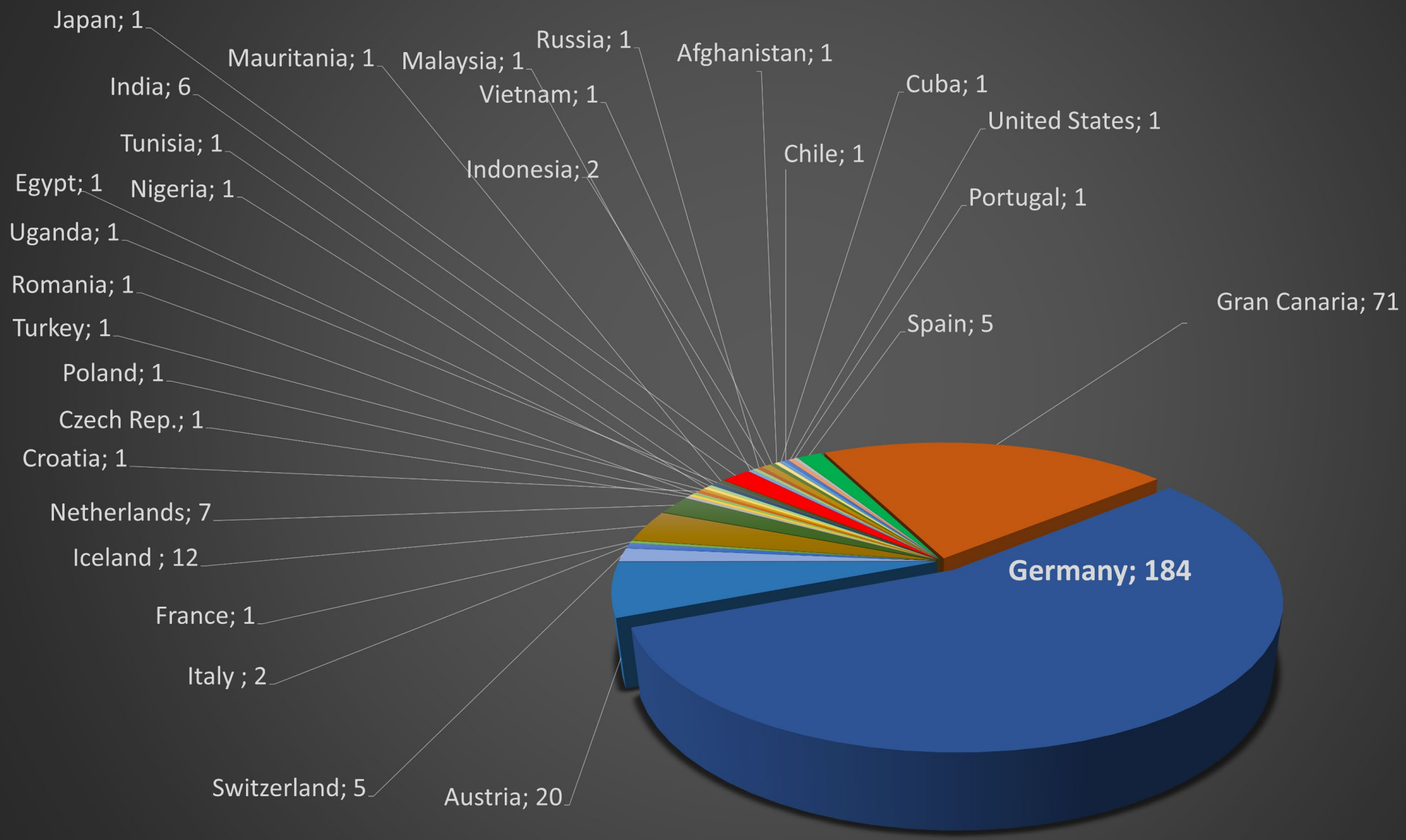
Registrations



30

Countries

Overview: Nationalities (All Participants Makeathon)

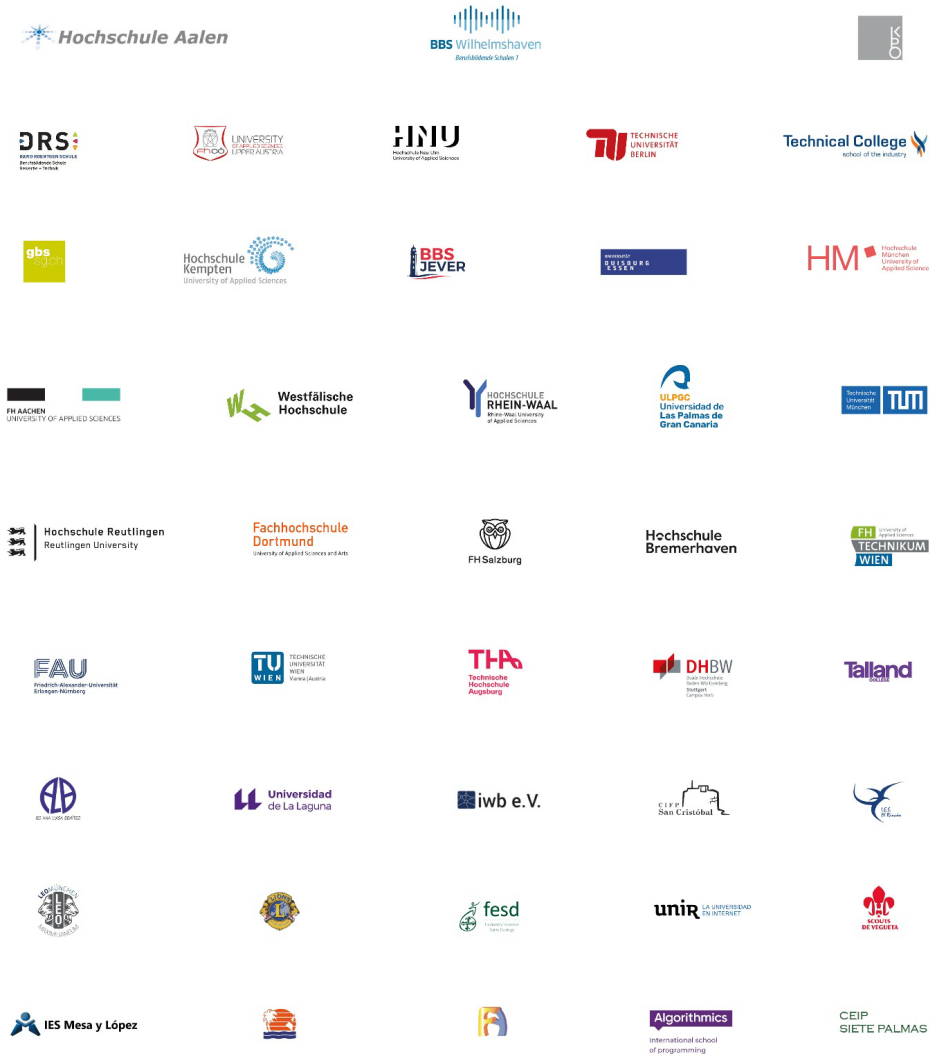


Registrations – Young Talents, Universities, Institutions, Schools

Smart Green Island Makeathon 2026

200

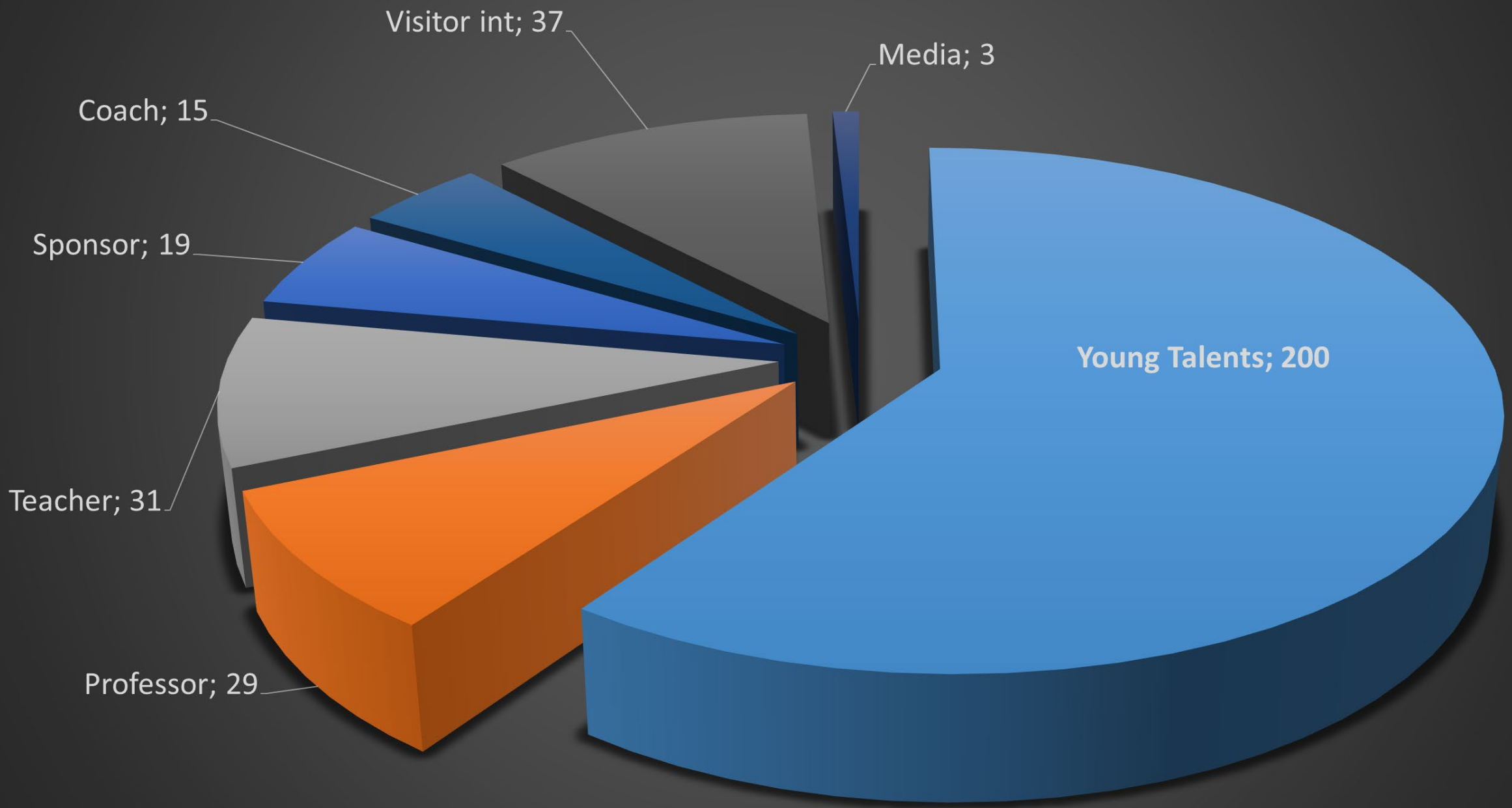
Young Talents



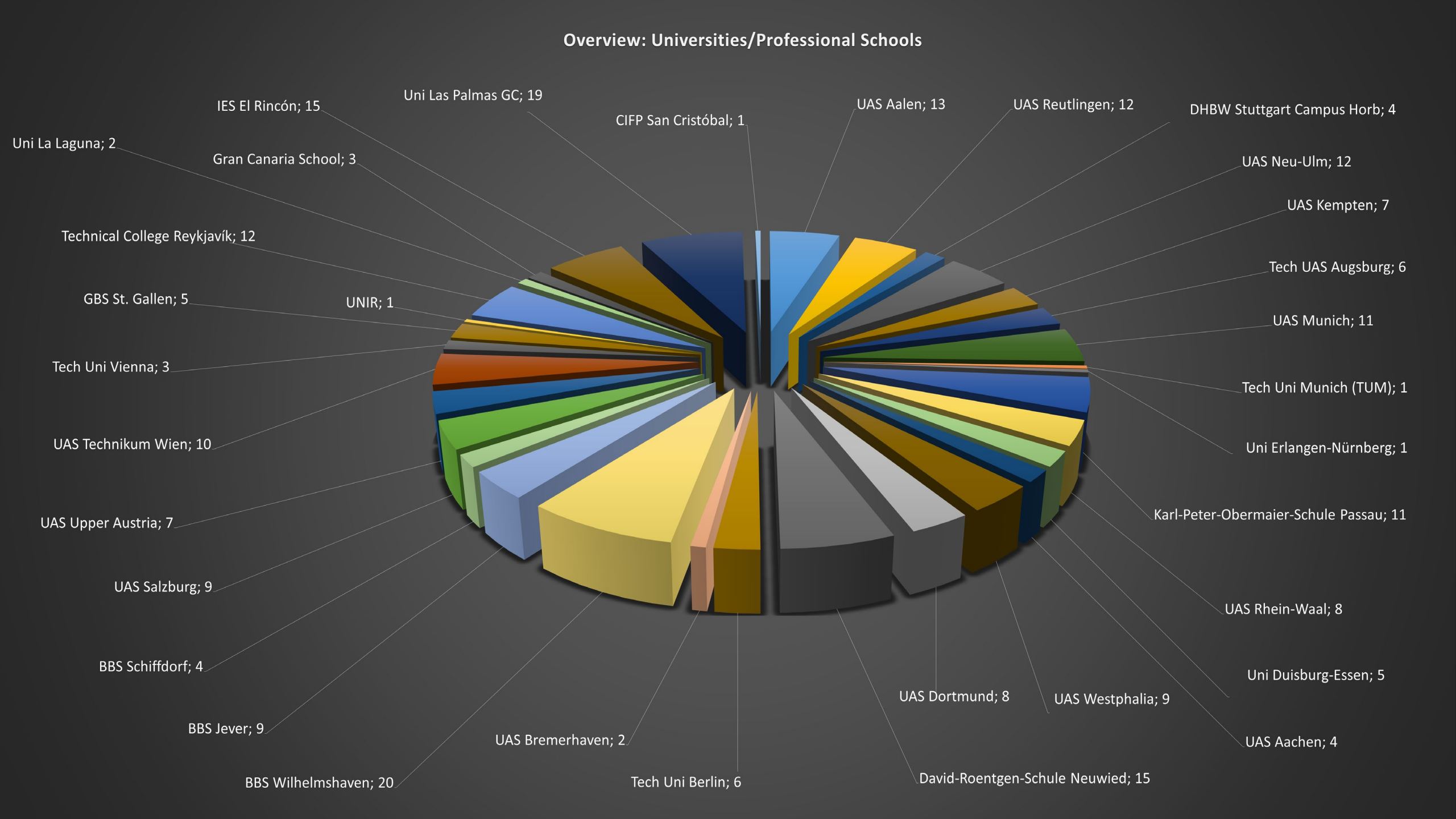
43

Universities
Institutions
Schools

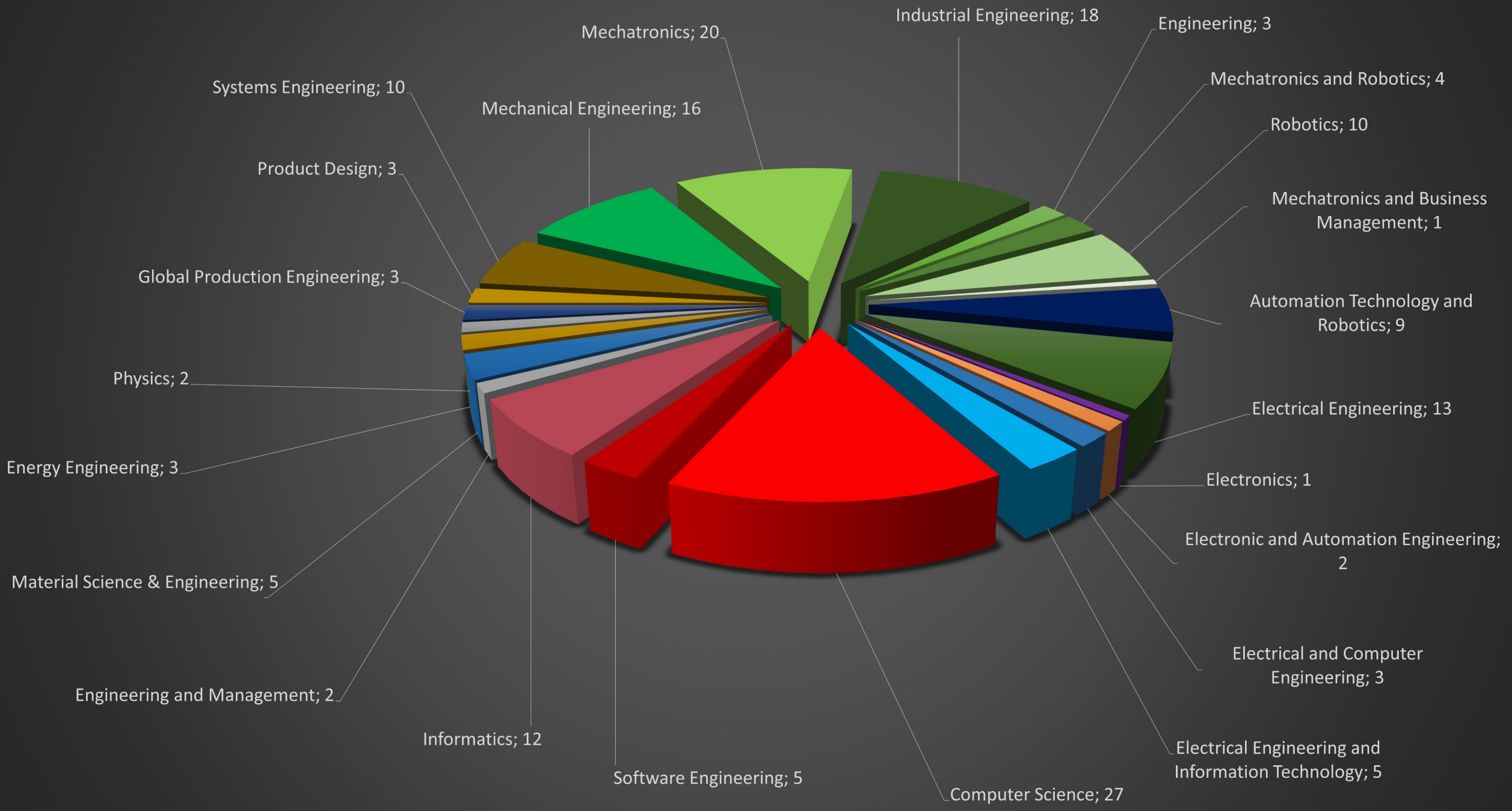
Overview: Makeathon (All Categories)



Overview: Universities/Professional Schools



Overview: Fields of Studies



EDUCATIONAL WORKSHOPS MAKEATHON 2026

PRIMARY/SECONDARY

fesd	IES Mesa y López	I.E.S. El Rincón	CEIP Siete Palmas	Teachers
58	14	100	52	21

VOCATIONAL TRAINING

IES ANA LUISA BENÍTEZ	IES Feria del Atlántico	I.E.S. El Rincón	CIFP San Cristóbal	Teachers
36	9	4	17	6

OTHER PARTICIPANTS

SCOUTS DE VEGUETA	Monitors
60	3

TOTAL
350 PUPILS & VET STUDENTS

TOTAL
30 TEACHERS

Facts & Figures

Smart Green Island Makeathon 2026



Overview of our Events

Smart Green Island Makeathon 2026


Visit of Canarian Politicians


VIP Event


Remote Teams in Rhine-Waal


Craft Workshops


Robot & Programming Workshops


Technology Workshops

Facts & Figures

Smart Green Island Makeathon 2026

- 334 Registrations
  - 200 Young Talents coming from 43 Universities, Vocational & Professional Schools of 30 Countries
  - 119 Guests from Industry, Institutions, Research, Media, Politics
  - 15 Coaches
- Visit of High Ranking Guests
  - Represantative of Canary Island Government, Mr. Javier Franco Hormigo
  - Representative of Gran Canarian Government, Mr. Raúl García Brink
    - Technical Coordinator of Environment and Energy on Gran Canaria
- 19 Representatives of 24 Companies
  - Managers, Senior Engineers, Consultants, Technology Specialists…
- 24 Sponsors
  - 15 Companies – Europe
  - 9 Local Canarian Sponsors

Facts & Figures

Smart Green Island Makeathon 2026

- 18 Teams were working on different Challenges like
  - Circular Economy, Smart Automation, Robotics, IoT
  - Artificial Intelligence, Smart Green Mobility, Smart Building
- 200 Young Talents, 18 Teams, 15 Prototypes
  - 4 x Long Working days almost ***> 6.400 Hours of Engineering***
  - 18 x Presentations every day ***> 72 Presentations, Pitches***
  - Prototyping
- 25 Educational Workshops for 350 Kids & Pupils
  - Programming – 11 x Workshops half a day
  - Robotics – 3 x Workshops half a day
  - Craft & Energy – 8 x Workshop half a day
  - EduDemoS – 2 x Workshops half a day
  - Electronics – 1 x Workshops half a day

Facts & Figures

Smart Green Island Makeathon 2026

- 1 Remote Team with 20 Participants at Rhine-Waal University in Kamp-Lintfort, Germany
  - Working on the Hydrogen Excavator Project
- 2 Network Events with 100 Participants
  - National & International Professors during the AI Demonstrator Tour
  - VIP Network Event for Companies, Professors, Institutions as well as local VIPs
- 300 Kg of Hardware
  - 500 x Tools
  - 9 x 3D Printers
  - 3 x Robots
  - 4 x Workbenches

Teams Overview – 18 Teams

Smart Green Island Makeathon 2026



Teams Overview – 18 Teams

Smart Green Island Makeathon 2026





































Teams Overview

1. Smart Automation

Responsible Butt Detection

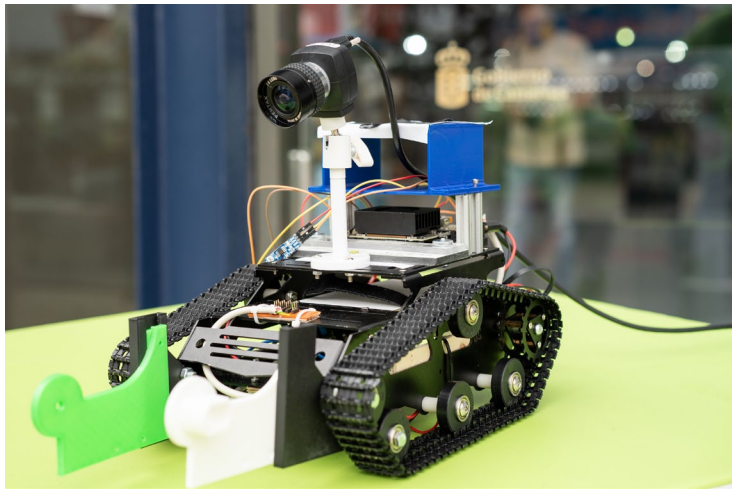


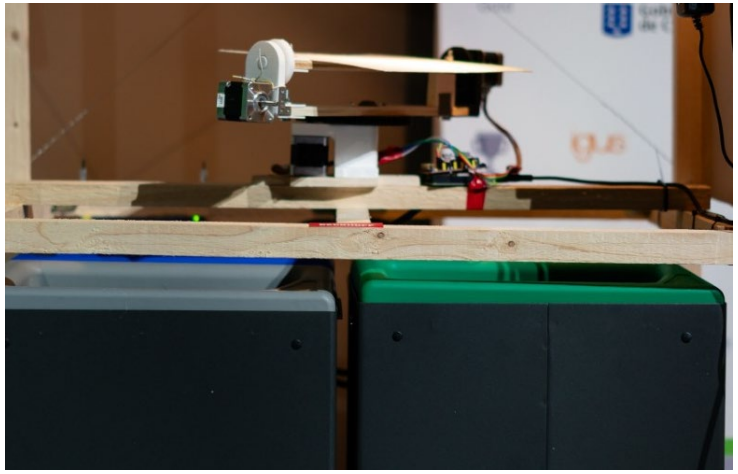
Rubbish System

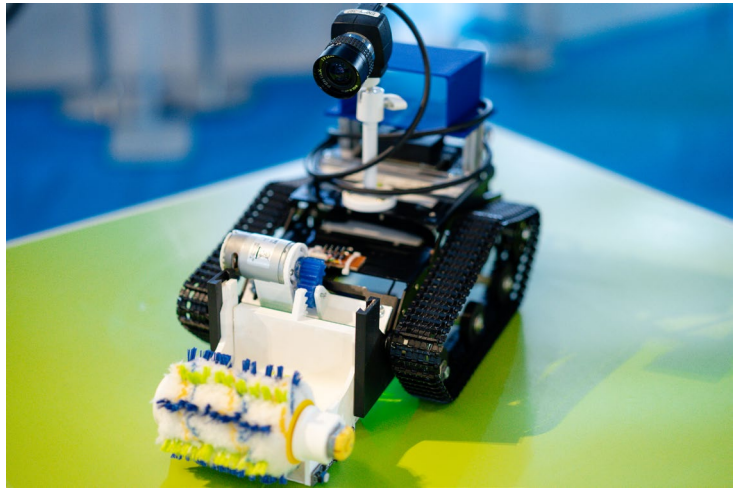


BBC BeachBotty Crew







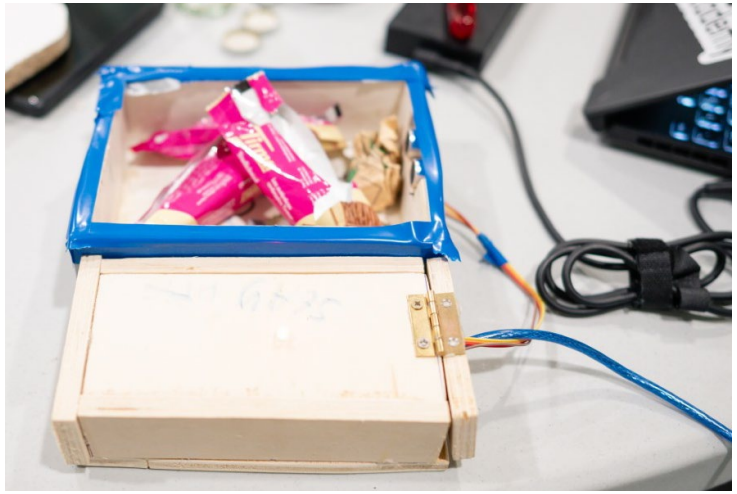


Teams Overview

1. Smart Automation

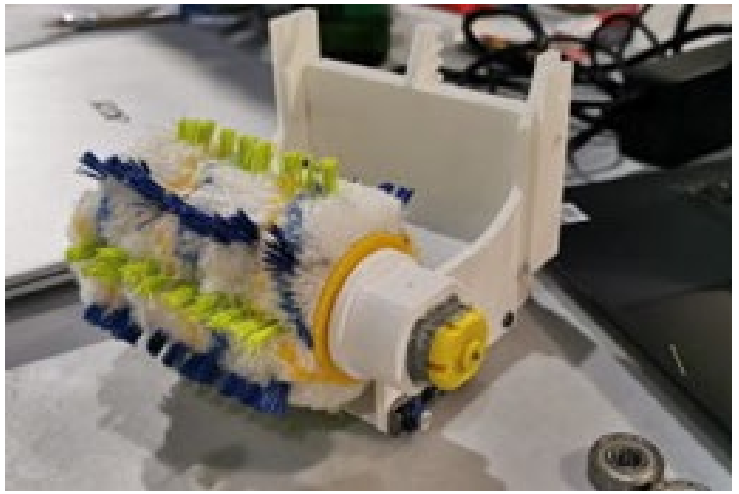
Drop Off





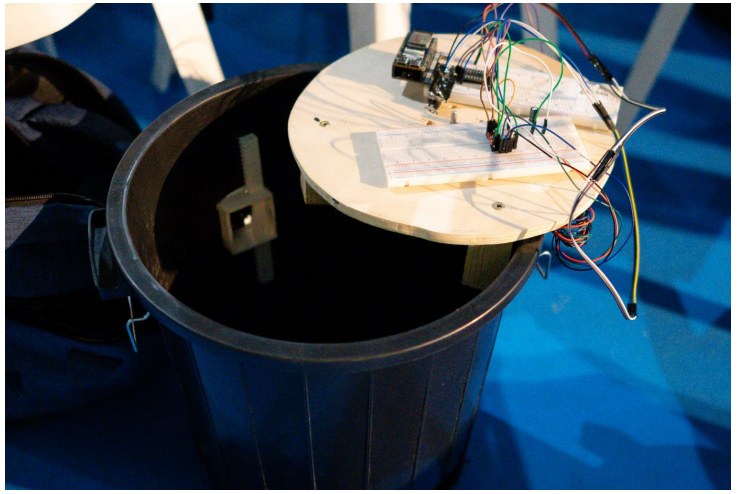
LECREA





The Softies





Teams Overview

2. Circular Economy

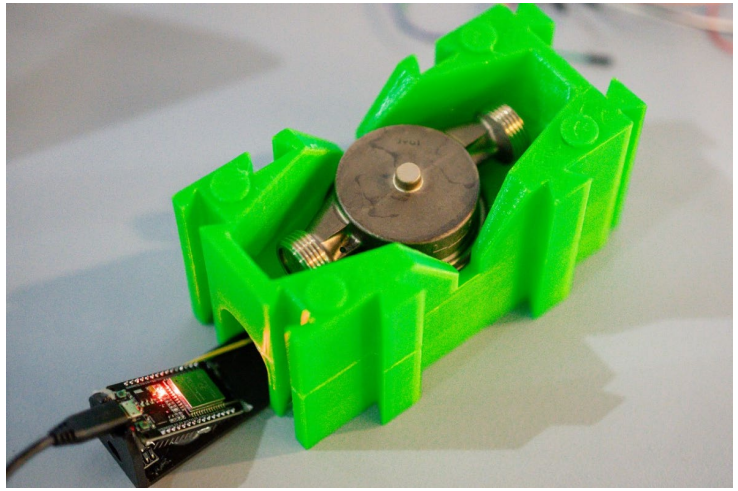
Recycling with Fun





Green Transformers





NXT Box





Teams Overview

2. Circular Economy

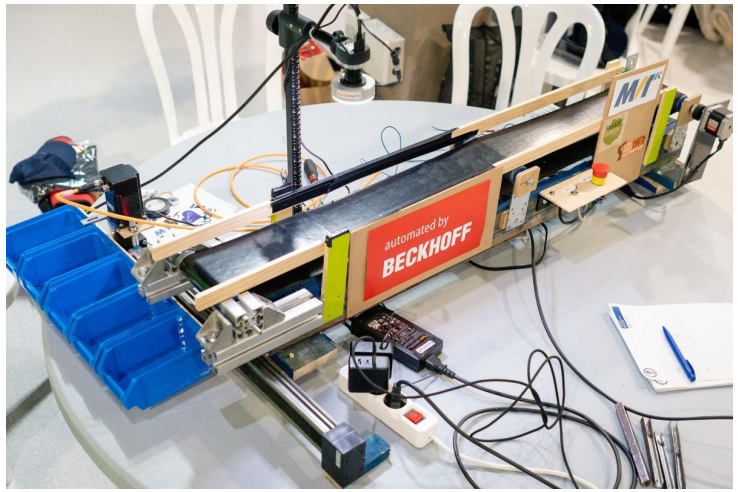
Renzo-Box





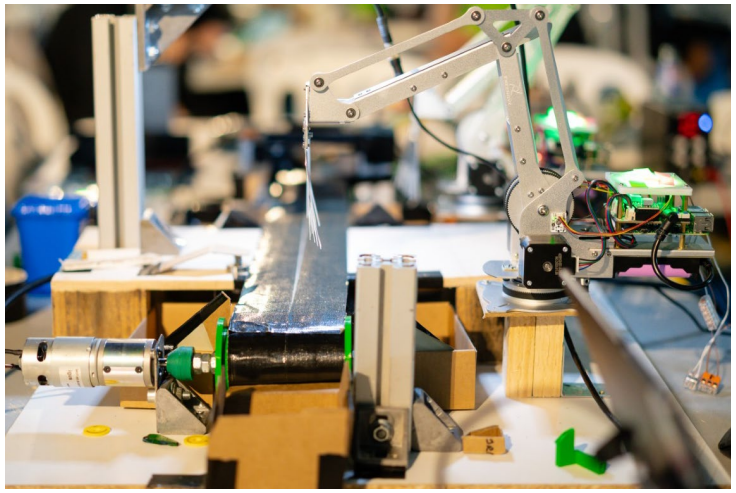
TrashBeck





T´SOS



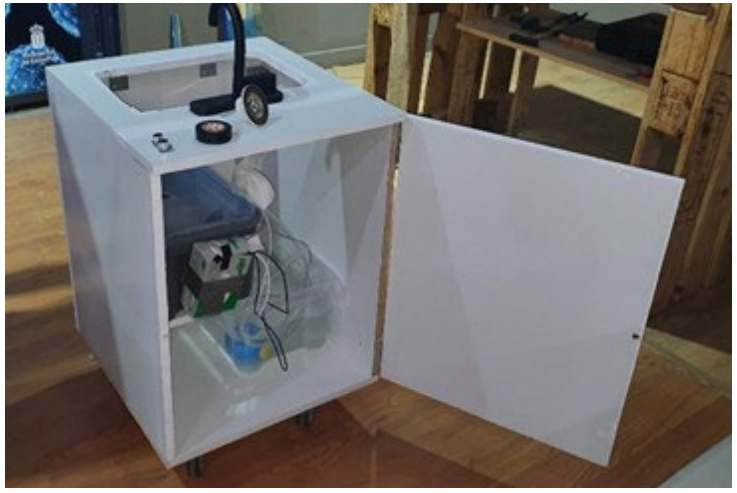


Teams Overview

2. Circular Economy

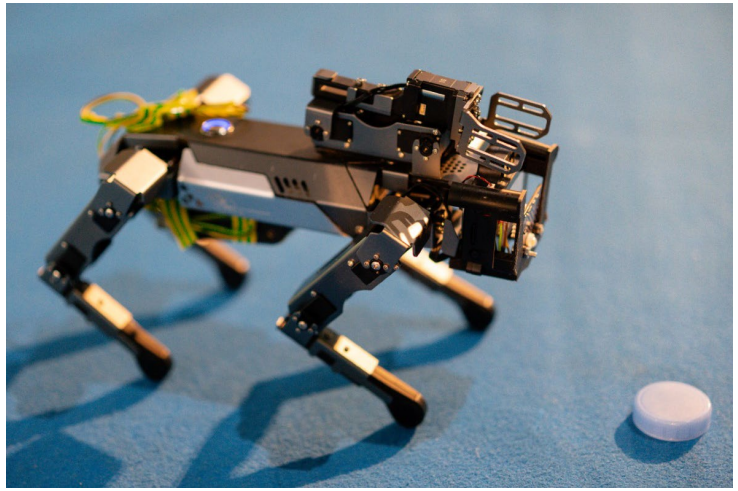
Water Waste Monitor



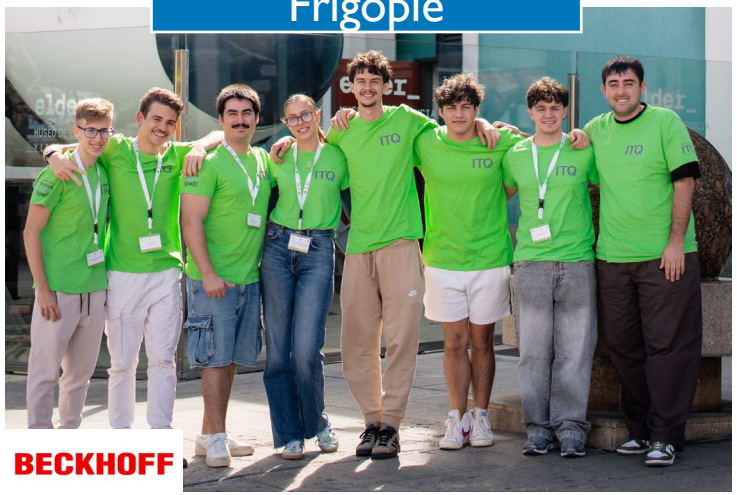


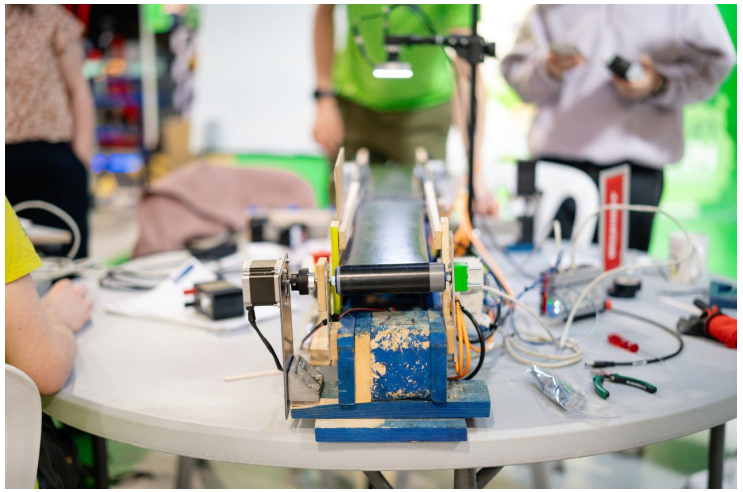
Litter Puppies





Frigopie





Teams Overview

3. Smart Building

The Smartest Buildings

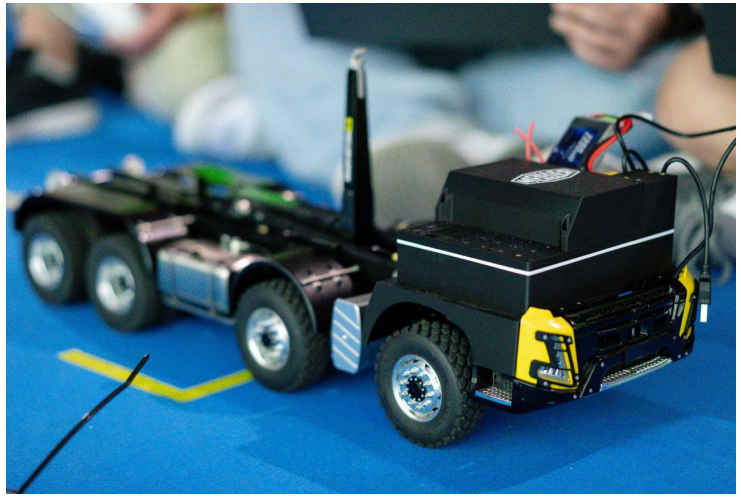




4. Smart Green Mobility

Meiller





Hydrogen Excavator





Impressions

Smart Green Island Makeathon 2026



Makeathon Impressions

Smart Green Island Makeathon 2026







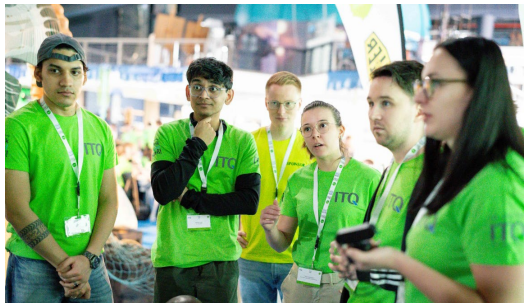






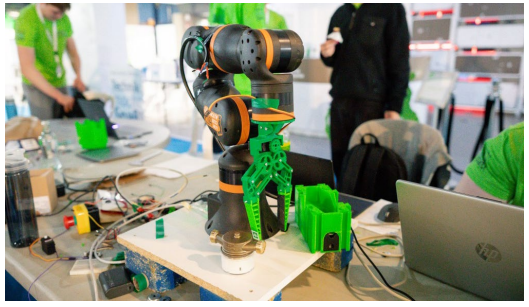
Makeathon Impressions

Smart Green Island Makeathon 2026

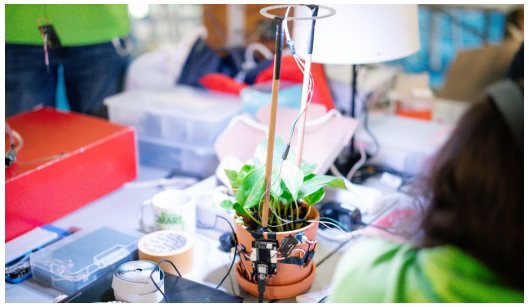






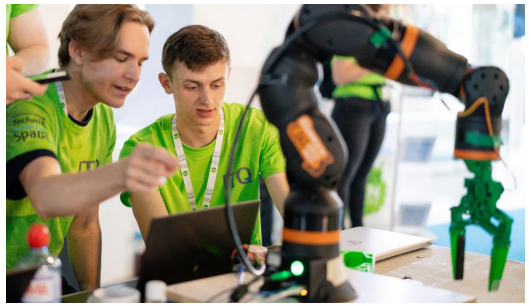







Makeathon Impressions

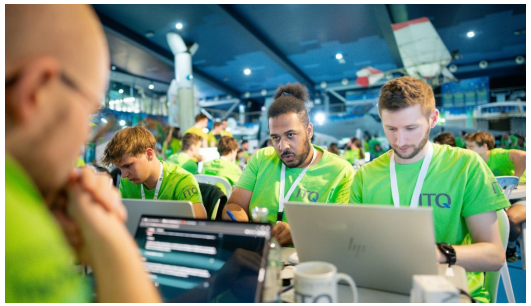
Smart Green Island Makeathon 2026

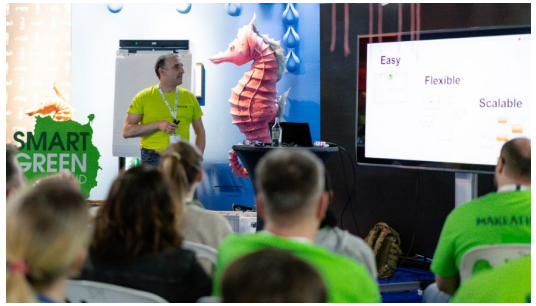










Visit of Canarian Politicians Impressions

Smart Green Island Makeathon 2026



















Educational Workshops Impressions

Smart Green Island Makeathon 2026











Educational Workshops Impressions

Smart Green Island Makeathon 2026



















Makeathon Highlights Impressions

Smart Green Island Makeathon 2026















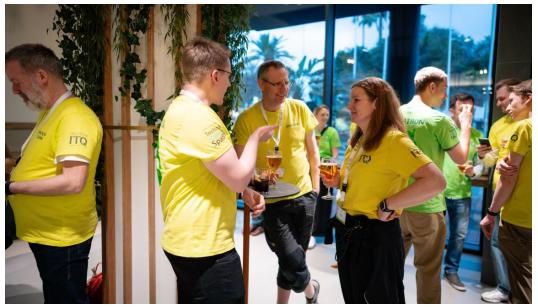




VIP Event Impressions

Smart Green Island Makeathon 2026











SMART GREEN ISLAND MAKEATHON 2026