

Smart Green Island Makeathon 2020

Summary

04.03.2020 – 07.03.2020



**SMART
GREEN**
ISLAND

ITQ

competence in mechatronics
software and systems engineering

Without Corona

This year

Registered Participants before Cancellation due to Corona

Smart Green Island Makeathon 2020

50 Companies/Institutions as Guests, Sponsors, Partners

Without Corona

ITQ

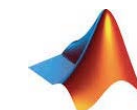


Platinum

BECKHOFF



igus®

 MathWorks®



Gold



WAGO

infineon

Q-loud
Ein Unternehmen der QSC AG

HONDA

MURR
ELEKTRONIK
stay connected



ASA
FUNDACIÓN SERGIO ALONSO

SIoux
TECHNOLOGIES

Coca-Cola



Silver

TRUMPF


BAUMÜLLER

 **MULTIVAC**

OPTIMA
EXCELLENCE IN PACKAGING

Lorenz
BRUNATA
METRONA


SAGULPA
CANARAGUA

serem
Atos



Bronze

BÖLLHOFF

 **GERMAN**
ROBOTICS

 **SOFTWARE**
FACTORY


HYUNDAI

 **IT ENGINEERING**
SOFTWARE INNOVATIONS

 **UNIVERSIDAD DE LAS PALMAS**
DE GRAN CANARIA


Televisión
Canaria

 **Gobierno**
de Canarias
Consejería de Educación,
Universidades, Cultura y Deportes
Dirección General de Formación
Profesional y Educación de Adultos

 **SIGMATEK**

 **CONSEJO INSULAR**
ENERGÍA


MIVtec
Software GmbH


New Paths, New Ideas...

Sponsoring Level

Universities

Without Corona

ITQ



Participants/Guests

Smart Green Island Makeathon 2020

Without Corona

ITQ

568

Registrations



34

Countries

Participants/Young Talents

Smart Green Island Makeathon 2020

Without Corona

ITQ



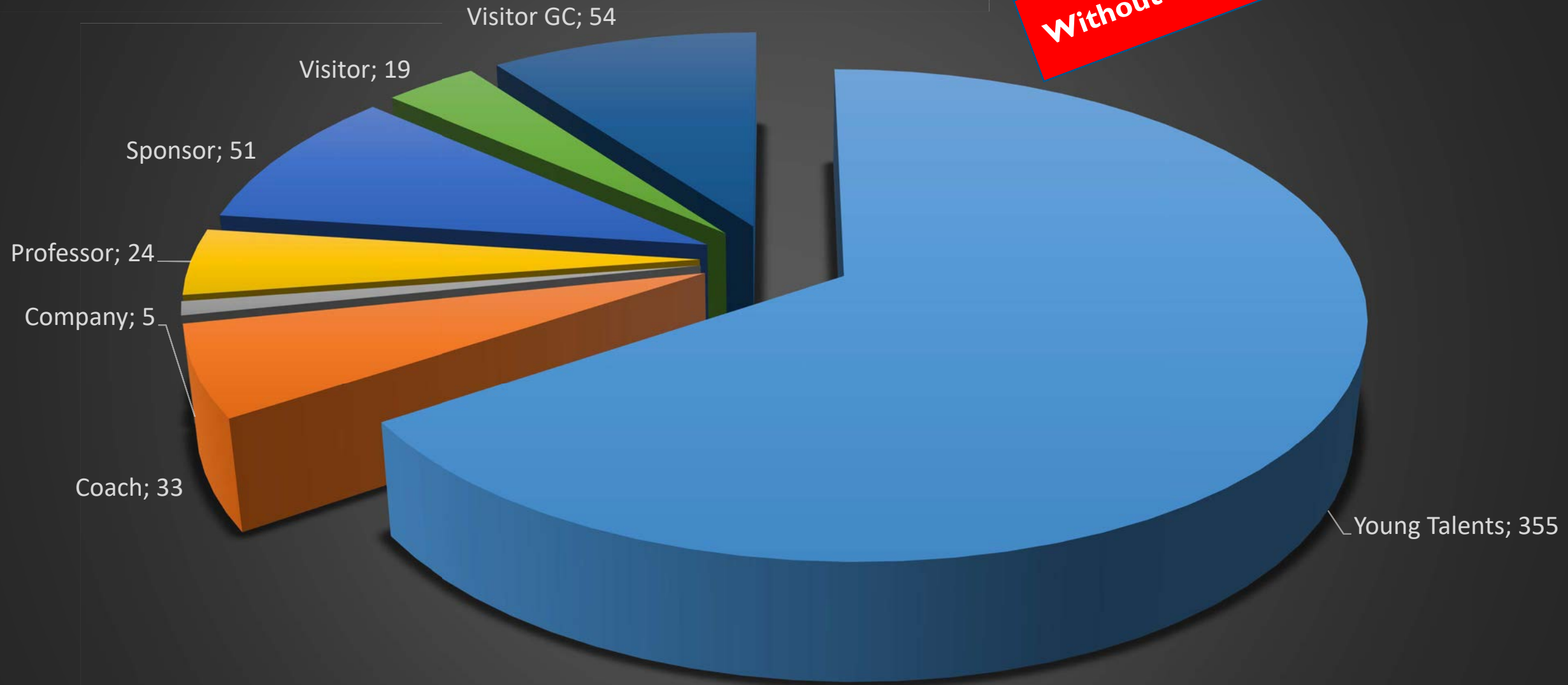
355

Young Talents

85

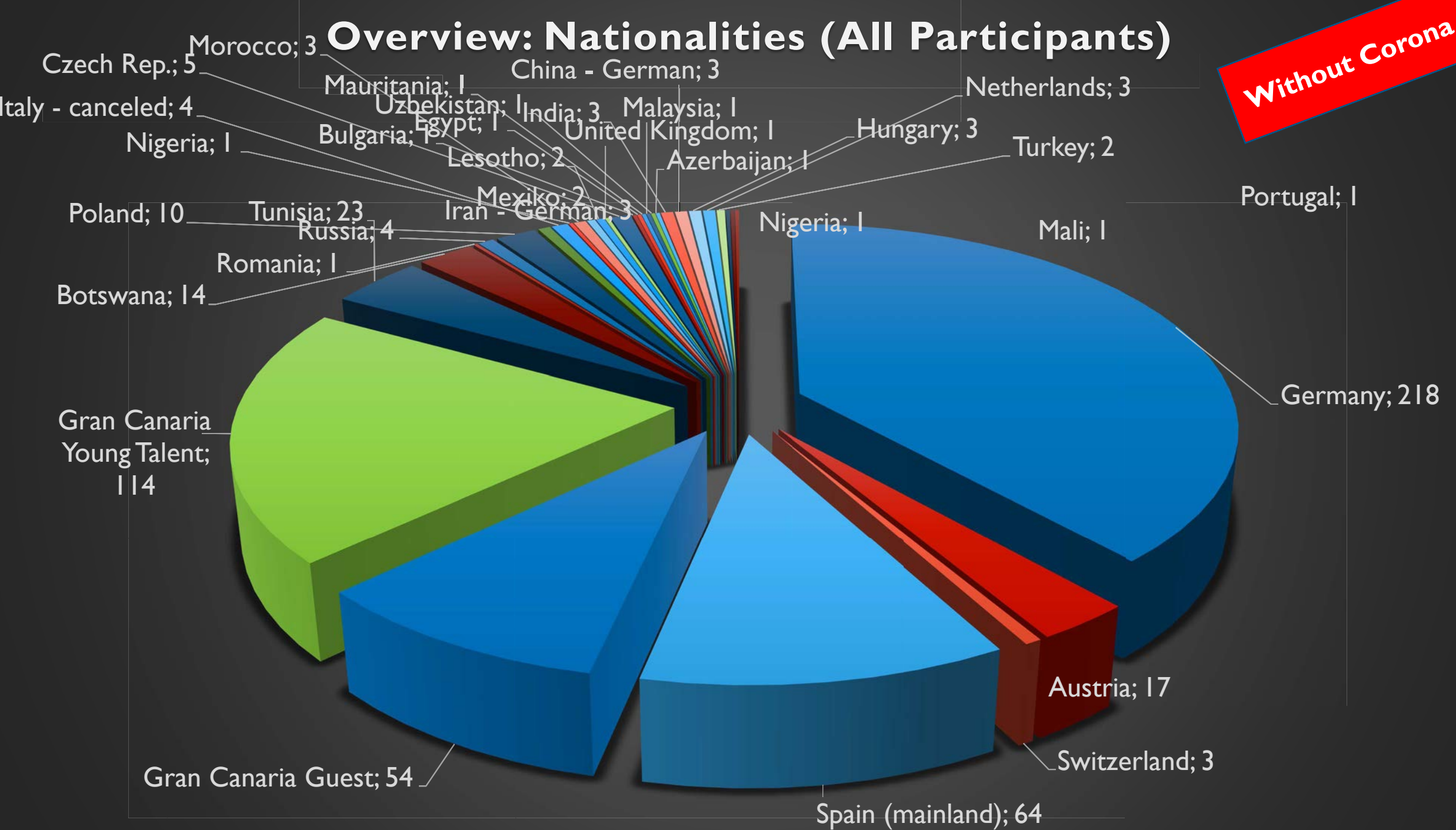
Universities

Overview: Categories (All Participants)

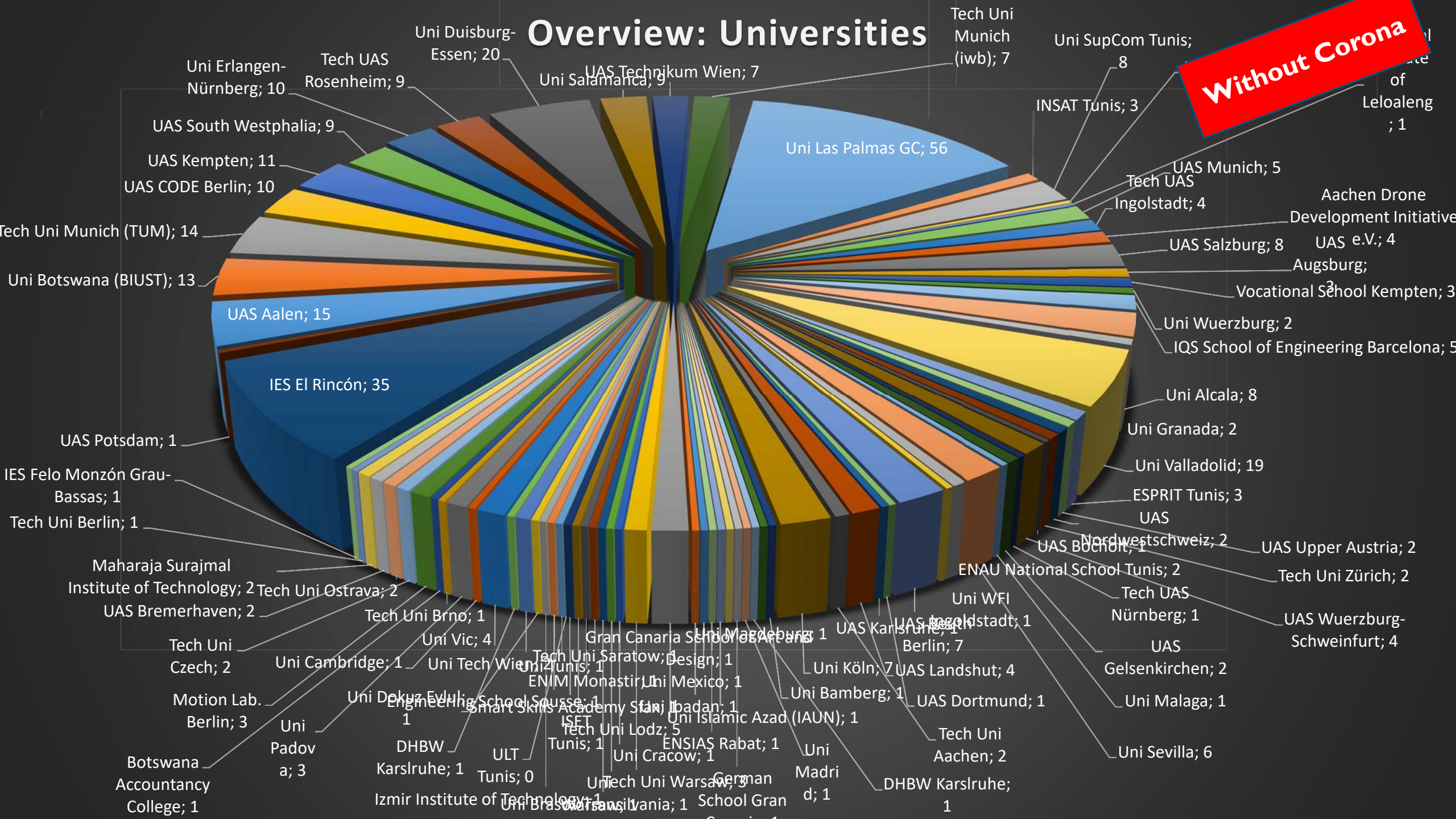


Overview: Nationalities (All Participants)

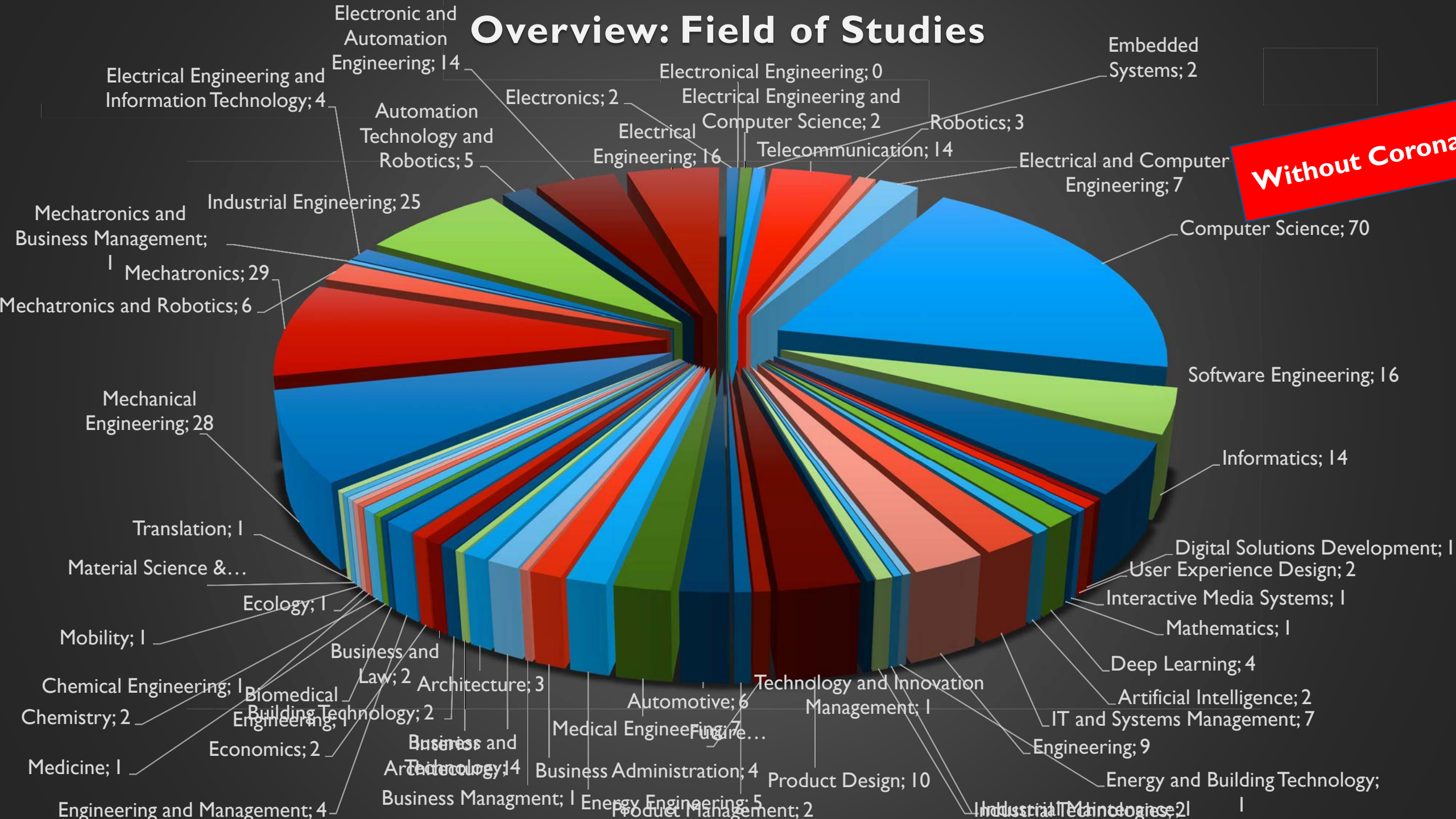
Without Corona



Overview: Universities



Overview: Field of Studies



Facts & Figures

„Local“ Smart & Green Island Makeathon

After partly
Cancellation



Facts and Figures

„Local“ Smart Green Island Makeathon 2020

- **255 Participants**
 - 175 Young Talents coming from 35 Universities of 20 Countries
 - 55 Guests from Industry, Research, Politics
 - 25 Local Visitors
- **Visit of high ranking guests**
 - Vice President of the Canarian Islands, Mr. Román Rodríguez
 - President of Gran Canaria, Mr. Antonio Morales Méndez
 - Technical Coordinator of Environment and Energy in Gran Canaria, Mr. Raúl García Brink
- **8 Representatives of 7 Companies**
 - Managers, Senior Engineers
- **Sponsors**
 - 24 Companies – Europe (4 were present)
 - 13 Local Canarian Sponsors

Facts and Figures

„Local“ Smart Green Island Makeathon 2020

- **18 Teams were working on different topics like**
 - Smart Production, Smart Mobility, Smart Health, Smart Care
 - Smart Home, Smart Grid, Smart Farming, Artificial Intelligence,...
- **Special Workshops**
 - Robotics - 4 halfday Workshops with a collaborative Robot
 - PLC programming, AI on low cost hardware, Blockchain, 3D printing...
- **175 Young Talents/18 Teams**
 - Working 4 days á 10 hours > **7.000 hours of Engineering**
 - 18 Presentations every day > **72 Presentations/Pitches**
 - Stand up Meetings every morning

Facts and Figures

„Local“ Smart Green Island Makeathon 2020



Tons of Material



Remote Team in Germany



3 Solarcars



Foodtruck



President/Vicepresident



VIP Event

20 Countries

“Local” Smart Green Island Makeathon 2020



Team Overview – 18 Teams

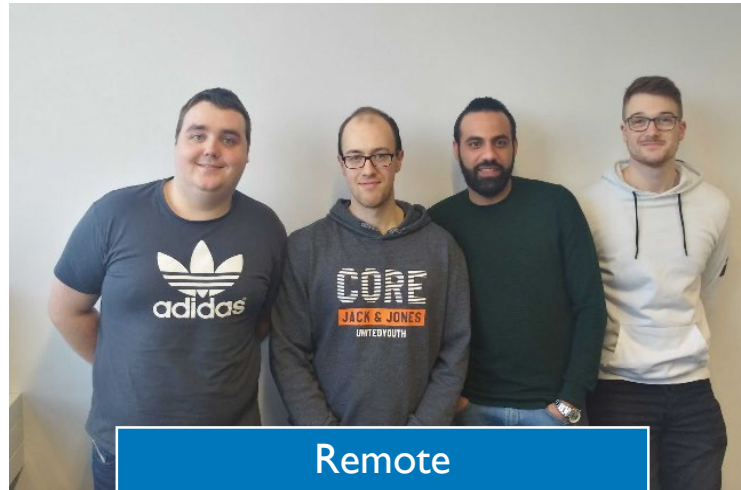
„Local“ Smart & Green Island Makeathon



Teams Overview



I. Smart Farming



Teams Overview



2. Smart Climate



Teams Overview



3. Smart Robotics



Teams Overview



4. Smart Mobility



Teams Overview

5. Smart Security



6. Smart Production



Industry Challenges & Projects

„Local“ Smart & Green Island Makeathon



Industry Challenges and Projects



Smart Farming

Supported by



Plus Farming



Remote Team



Lucky Vegetables



Smart Climate

Supported by



Wildfire Jewel



Wildfire Maps



Firefighters



Smart Climate

Supported by



Drone Forest Patrol



Team Sire



Rincón AMUVA



Smart Robotics

Supported by



HONDA

SafeLeaf



Futuric



LPN



Team Mix



Team SIRV



Industry Challenges and Projects

Smart Mobility

Supported by

Q-loud
Ein Unternehmen der QSC AG

WAGO

Smart
Parking Team



CoTeam19



Smart Security

DeepFlow



Smart Production

Supported by

BECKHOFF

Garbage



Prototypes

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I. Smart Farming

Prototypes



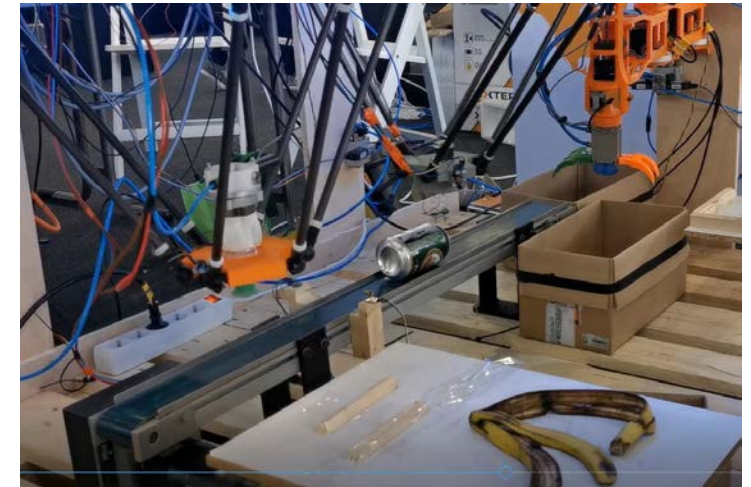
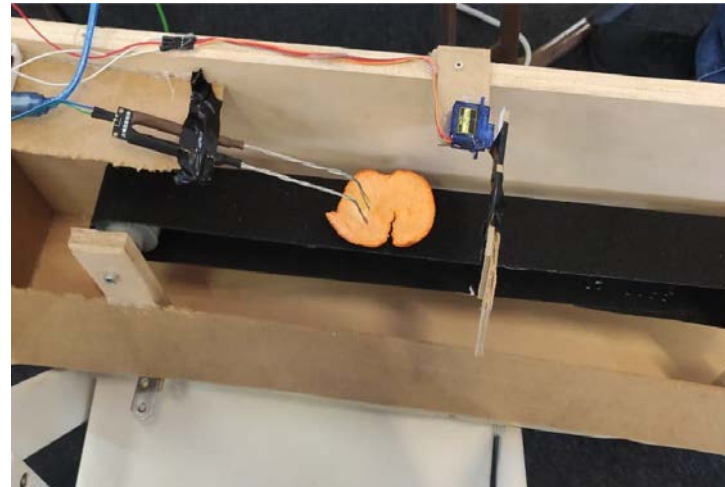
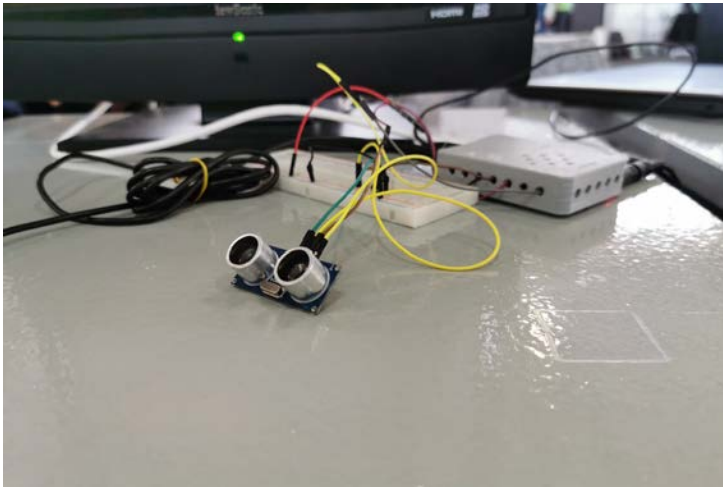
2. Smart Climate

Prototypes



3. Smart Robotics

Prototypes



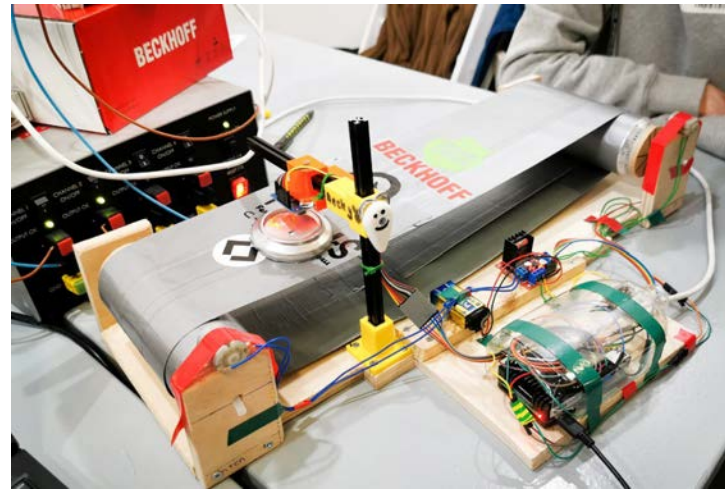
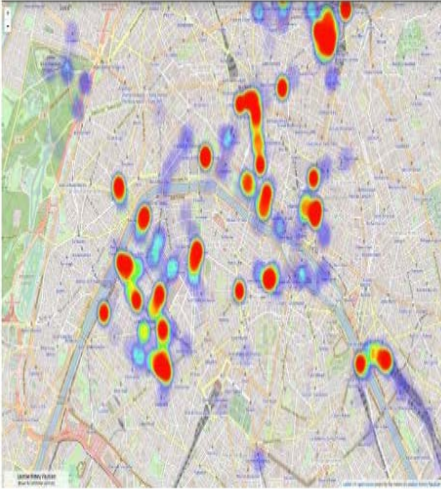
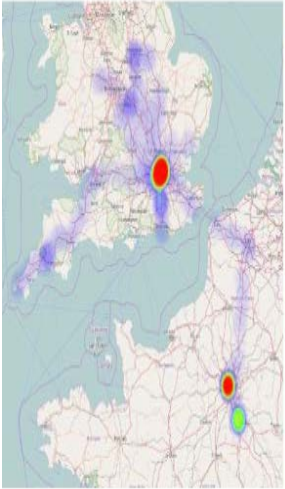
4. Smart Mobility

Prototypes



5. Smart Security & 6. Smart Production

Prototypes



Impressions

„Local“ Smart & Green Island Makeathon



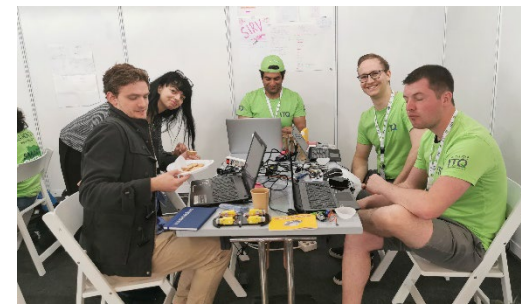
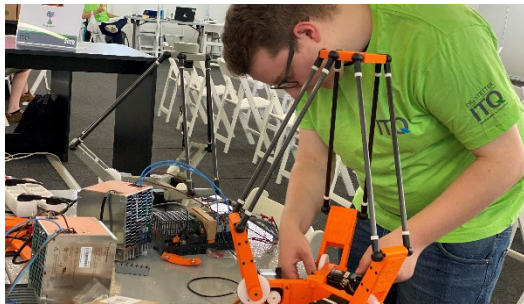
1st Day: Opening

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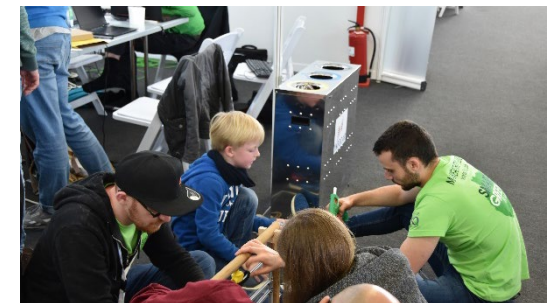
2nd Day: Making

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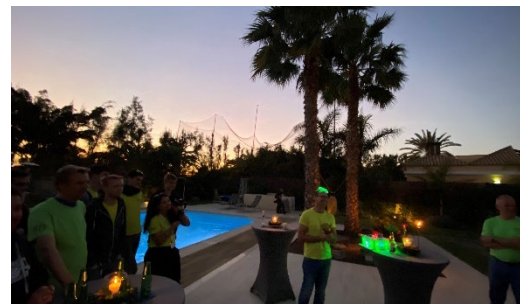
3rd Day: Making

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3rd Day: VIP Event@Smart Villa

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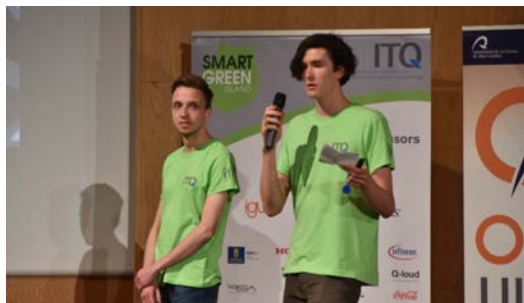
4th Day: Visit of President of Canarian Islands

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4th Day: Results and Presentations

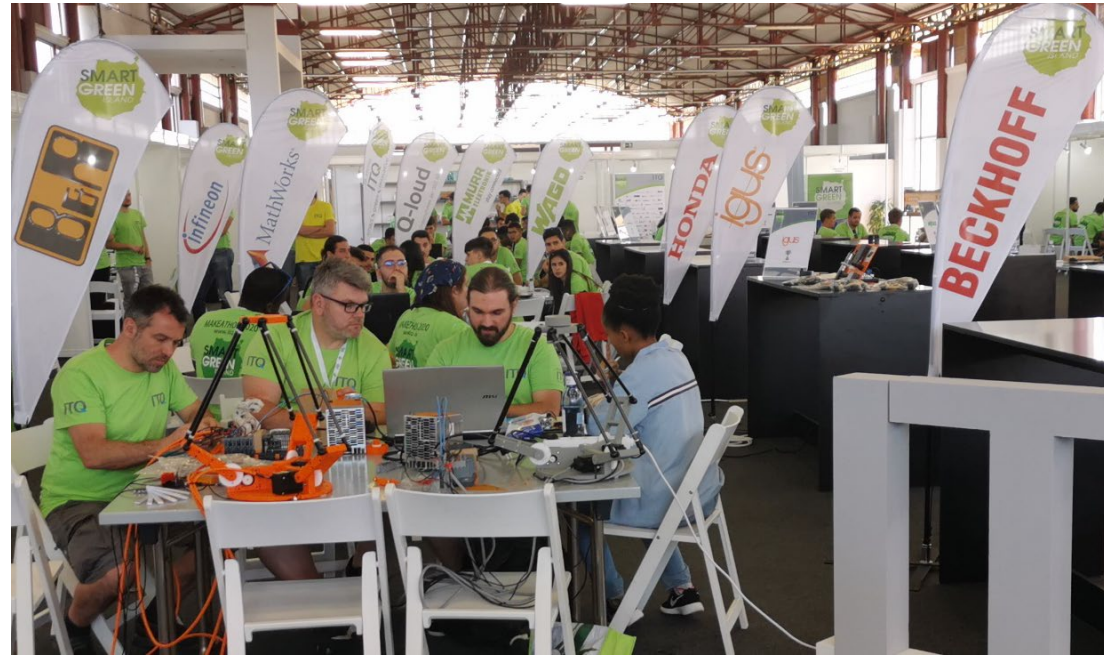
“Local” Smart Green Island Makeathon 2020



Highlights



“Local” Smart Green Island Makeathon 2020



SMART GREEN ISLAND

