ITQ

competence in mechatronics
software and systems engineering

Extended Summary
Team Details & Press Releases included

SMART GREEN ISLAND Makeathon 2019

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Facts & Figures

Facts and Figures of Makeathon 2019

- **400 Participants**
  - 270 Young Talents coming from 70 Universities of 21 Countries
  - 130 Guests from Industry, Research, Politics
  - Opening Speech held by the government of Gran Canaria
- **80 Representatives of 40 Companies**
  - Managers, Senior Engineers
- **Sponsors**
  - 14 Companies – Austria/Germany/Italy/Japan/Netherlands/Switzerland
  - 4 local canarian sponsors
- **Locations**
  - SPEGC / Infecar, Avenida De la Feria 1 – Las Palmas
  - Smart Villa ITQ – Maspalomas

Facts and Figures

- **27 teams were working on different topics like**
  - **Smart Production, Smart Mobility, Smart Health, Smart Care**
  - **Smart Home, Smart Grid, Smart Farming, Artificial Intelligence,...**

- **Special events for**
  - **Smart Production - 2 robots directly connected to AI solutions**
  - **Smart Mobility - 3 prototype cars were on the island**
  - **Conference on Systems Theory – Robotics, IoT and Automation**

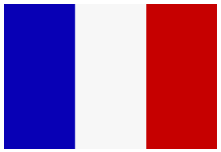
- **270 Young Talents**
  - **Working 4 days á 10 hours -> 10.800 hours of engineering**
  - **27 presentations each day -> 108 presentations/pitches**
  - **Stand up meetings every morning**

21 Nations

Germany

Italy

France



Spain

England

Tunisia

Turkey

Egypt

Czech Republic

Colombia

Switzerland

India

China

Austria

Poland

Romania

Botswana

Netherlands

Serbia

Bulgaria

Norway

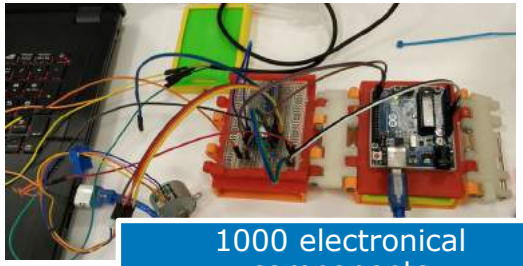
Facts & Figures

350 Pizzas

2000l Water

450l Beer

100kg Hardware



1000 electronical components

600 Sunglasses

1500 T-Shirts

400 Cups

3 Prototype Cars

Sponsors 2019

Sponsoring Level

Platinum

AMK

MathWorks

Gold

Gobierno de Canarias

HONDA

BECKHOFF

Cabildo de Gran Canaria

spegc
Sociedad de Promoción Económica

WÜRTH ELEKTRONIK

HOFFMANN NEOPAC
TINS AND TUBES

SIOUX
SOURCE OF YOUR TECHNOLOGY

Silver

GRUPPO ASA

infineon

OPTIMA
EXCELLENCE IN PACKAGING

TRUMPF

MULTIVAC

MVTec Software GmbH

Bronze

igus

SOFTWARE FACTORY

SIGMATEK

dolde engineering

MITSUBISHI ELECTRIC

BÖLLHOFF

aquaBona

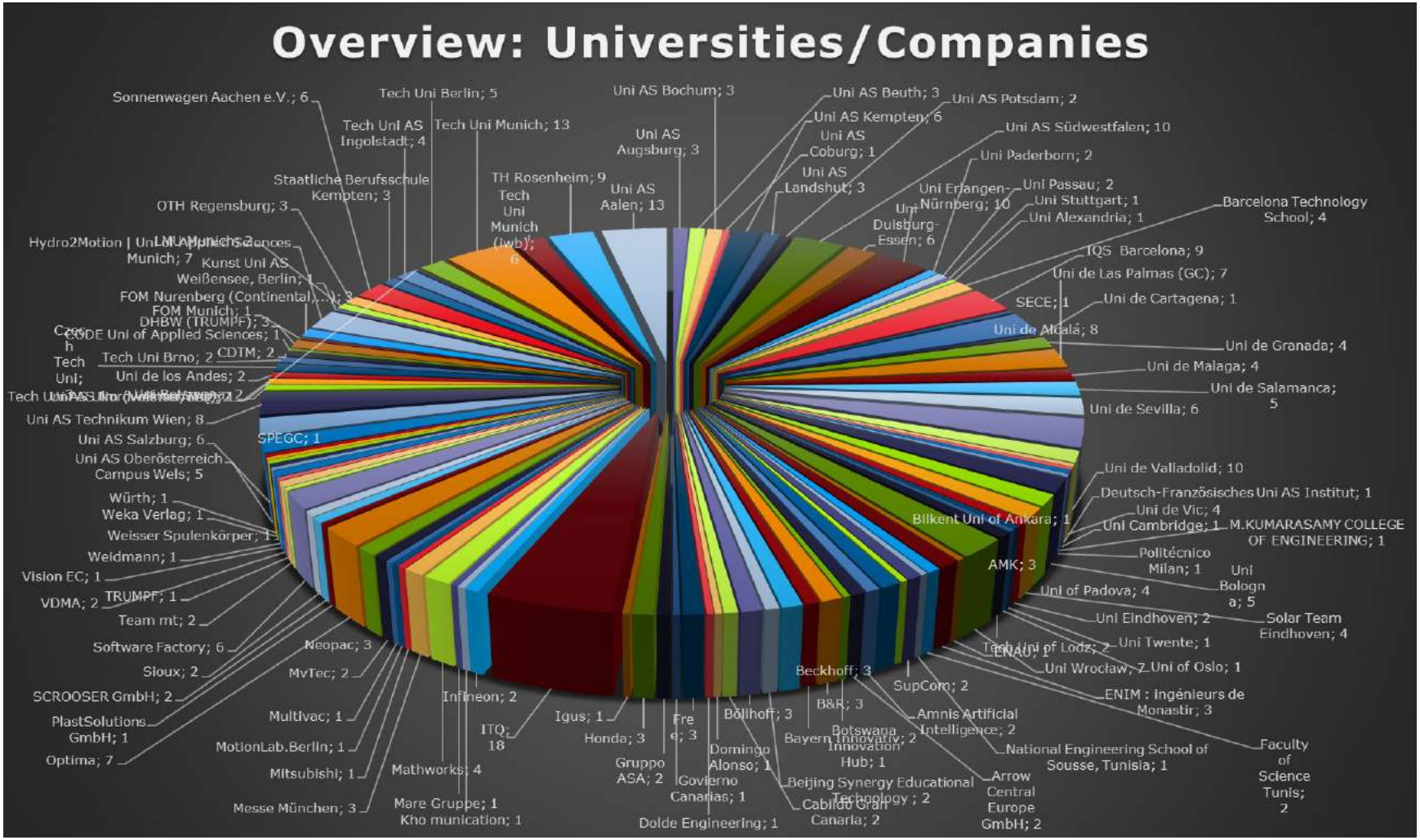
Klinik JUDENDORF STRASSENGEL

Coca-Cola

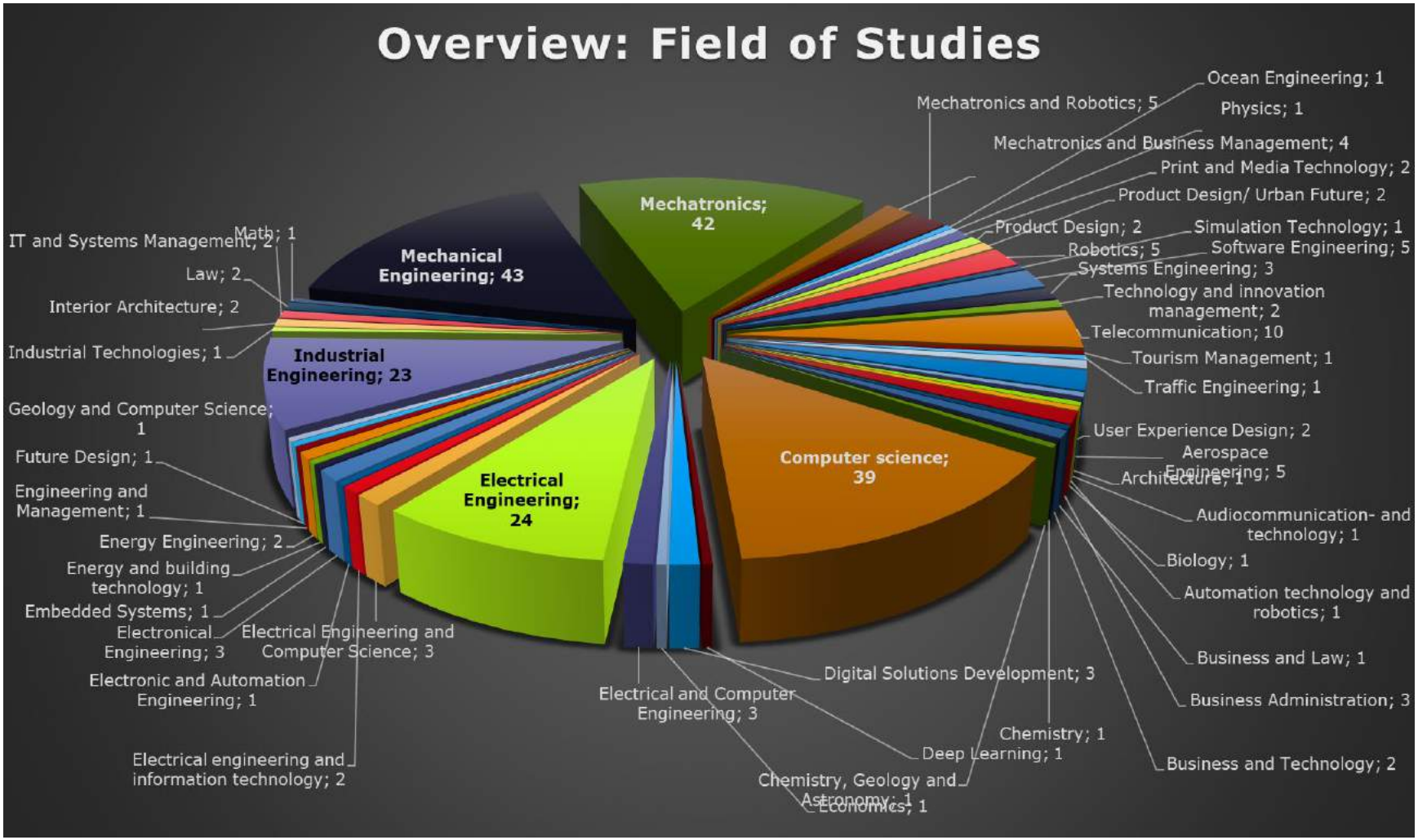
EVENTOS CON BUEN AMBIENTE Coca-Cola

70 Universities – 21 Countries

270 Young Talents, 70 Universities, 40 Companies



50 different fields of studies



Facts and Figures of Makeathon 2019

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27 Teams

Teams

Tubator

Intelligent Table Query

PacMen

Smart Order

United Power

Soft Exoskeleton

Predictive Maintenance

TYDERGY 1

TYDERGY 2

Teams

Flex-E-Bility

Sub Glider

GardenBot

The Saver

TubeTube

Smart RF

roBottle

Team Faust

DAM SD

Teams

SUAP

Smart Tube

Scroose X

Bätcycle

Futscroo

Wind Ambulance

Ocean´s 5

Drag Rubbish

Scroodriver

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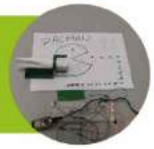
Projects & Prototypes

Industry Challenges

Smart Health

- Tubator
- PacMen 
- TubeTube
- Smart Tube

Smart Mobility

- Bätcycle
- Futscroo
- ScrooDriver

- ScrooseX

Smart Energy

- United Power
- Honda

HONDA

Neopac Hoffmann

HOFFMANN NEOPAC
TINS AND TUBES

Scrooser

SCROOSER
THE UNIQUE ELECTRIC RIDING EXPERIENCE.

Projects

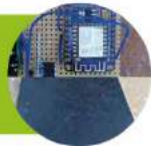
Smart Robotics

- Soft Exoskeleton
- roBOTTLE
- Sub Glider
- Drag Rubbish

Climate Change

- Wind Ambulance
- Ocean's 5
- Smart RF

Green Energy

- Flex-E-Bility
- TIDERGY 1
- TIDERGY 2
- FAUST 

Projects

Smart Production

- The Saver
- Predictive Maintenance
- Intelligent Table Query
- Smart Order

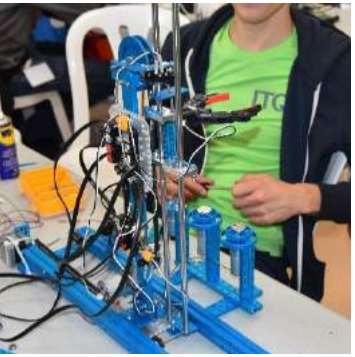
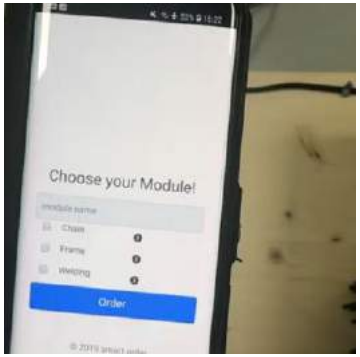
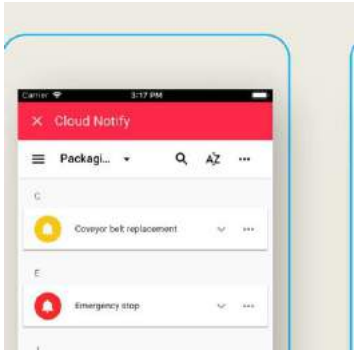
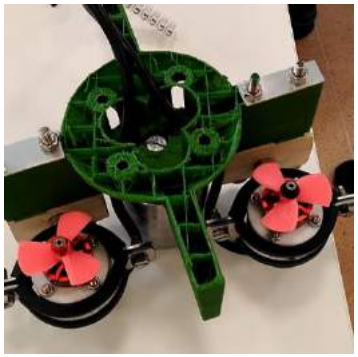
Smart Mobility

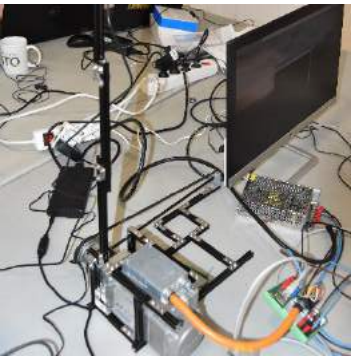
- SUAP
- DAM SD

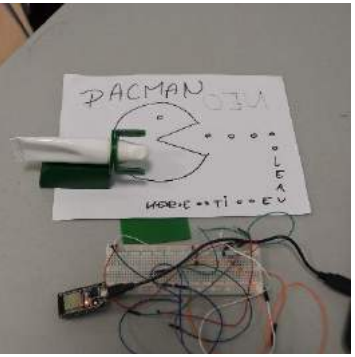
Smart Farming

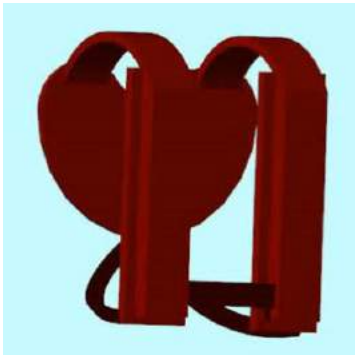
- GardenBot

Prototypes



Choose your Module!
Order

Cloud Notify
Packagi...
Conveyor belt replacement
Emergency stop


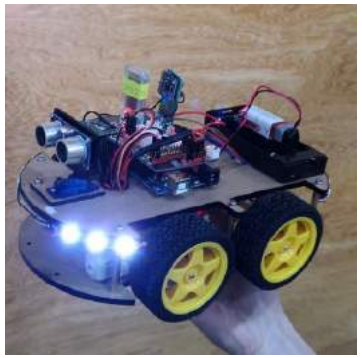
Tube


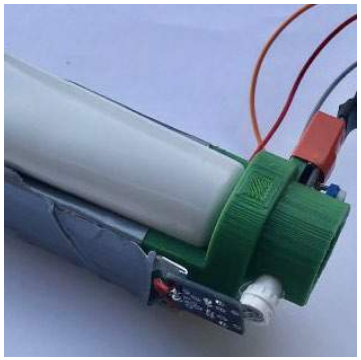
Televes

PACMAN

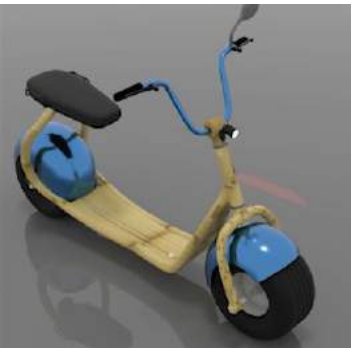


SMART
GREEN
ISLAND

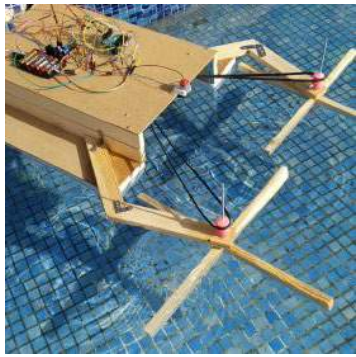
Prototypes







My Scrooser status
Battery level
100%
Range
55 km
34 mi



SCROO
DRIVER

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Press Releases, Articles, Videos

ITQ Smart Mobility Article – Spanish Media Agency

- **Europa Press**
  - **Two solar cars drive for the first time in the Canary Islands with a route from Mogán to Las Palmas de Gran Canaria**

europapress / islas canarias

Dos coches solares circulan por primera vez en Canarias con un recorrido de Mogán a Las Palmas de Gran Canaria

Publicado 23/02/2019 14:36:35 CET

CEDIDO POR GOBIERNO DE CANARIAS

LAS PALMAS DE GRAN CANARIA, 23 Feb. (EUROPA PRESS) -

Los dos coches solares han circulado por primera vez en Canarias realizando un recorrido entre los municipios de Mogán y Las Palmas de Gran Canaria utilizando la energía solar.

Últimas noticias / Islas Canarias »

- La Policía Canaria despliega un dispositivo de 124 agentes para el Carnaval
- El Cabildo de Tenerife invierte 8,7 millones en la construcción de una planta fotovoltaica en Arico
- NC califica de "preocupante" la situación procesal de Clavijo y le insta a "dar la cara" en el Parlamento canario

Article – German Press

- **WAZ – Westdeutsche Allgemeine Zeitung**
  - **Student team travels to Gran Canaria to attend expert meeting**

MAKEATHON

Uni-Team reist zum Tüftler-Treff nach Gran Canaria WAZ+

Martin Ahlers 19.02.2019 - 12:00 Uhr

Auf zum Makeathon nach Gran Canaria: Jörn Linke (ITQ Duisburg), Torben Weißkopf, Robin von Mallinckrodt, Philipp Schnadhorst, Dr. Niko Maas (UDE, vl..n.r.). Vorn: Christoph Jeziorek, es fehlt: Jan Gosedopp.

Foto: Fabian Strauch

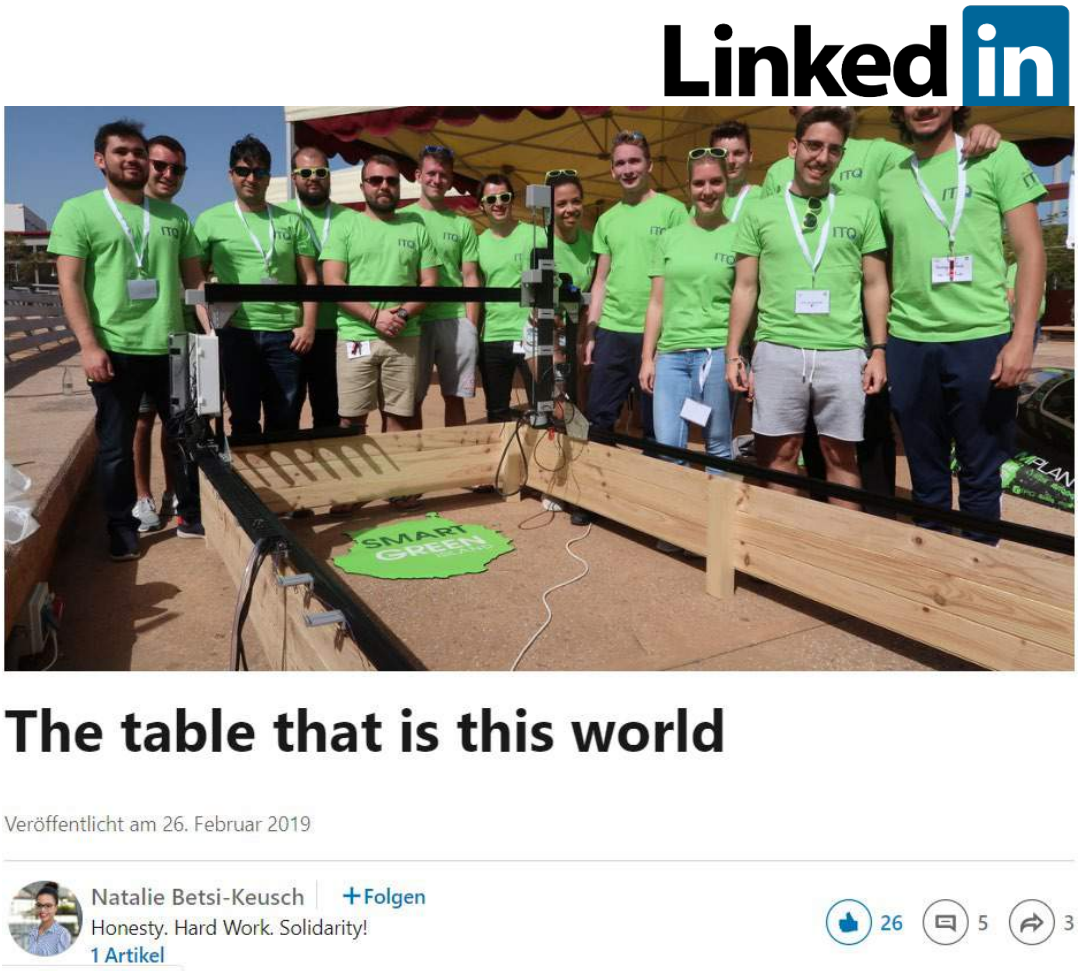
DUISBURG. **Beim „Makeathon" ist erstmals auch ein Team der Uni Duisburg-Essen dabei. Talente aus 21 Ländern entwickeln innovative technische Lösungen.**

Ab dem morgigen Mittwoch wird Gran Canaria zum Treffpunkt für den technologischen Nachwuchs. Beim vierten „Smart Green Island Makeathon", ausgerichtet vom Münchener Unternehmen ITQ, geht erstmals auch ein Team der Universität Duisburg-Essen an den Start. Gemeinsam mit 260 jungen Talenten von 70 Universitäten aus 21 Ländern geht es für die fünf jungen Tüftler und einen Betreuer darum, in drei Tagen in internationalen Teams Aufgabenstellungen für innovative technische Lösungen zu entwickeln.

ANZEIGE
Anzeige geschlossen von Google
Diese Werbung melden
Warum sehe ich diese Werbung?

Online Article – LinkedIn (26.02.2019)

- **A blog entry of a participating student about her Makeathon experience and learnings to take back home**



TV Report – RTVC (20.02.2019)

- **Televisión Canaria**
  - **Students from all over the world develop green technologies**

Noticias > Canarias

ACTUALIDAD | CANARIAS | ESPAÑA | ELECCIONES 28-A | MUNDO | CULTURA Y OCIO | DEPORTE

Estudiantes de todo el mundo desarrollan en Gran Canaria tecnologías limpias

La cuarta edición de la "Smart Green Island Makeathon" ha expuesto algunos prototipos de coches que funcionan con energía solar.

Canarias - 2/20/2019

Redacción Televisión Canaria

TV Report – RTVC (25.02.2019)

- **Solar car drives for the first time in the Canary Islands**

Article - National Newspapers

- La Vanguardia
  - **Students from all over the world work on Gran Canaria´s sustainable development**

Estudiantes de todo el mundo trabajan en desarrollo sostenible Gran Canaria

Las Palmas de Gran Canaria, 20 feb (EFE).- Robots, impresoras 3D, mecatrónica, softwares e inteligencia artificial serán algunas de las tecnologías que más de 200 estudiantes de todo el mundo desarrollarán en el 'Smart Green Island Makeathon', un evento que promueve la tecnología sostenible en Gran Canaria.

El objetivo de este encuentro, que acoge hasta este viernes el Recinto Ferial de Canarias (Infecar), es "fomentar el desarrollo sostenible de la isla" y que los jóvenes "aprendan a trabajar en equipo en proyectos tecnológicos", ha destacado el ingeniero mecánico Rainer Stetter, quien es también el impulsor del evento y propietario de la empresa organizadora, ITQ.

Article – Local Newspapers

- **Telde Actualidad**
  - **The 'Smart Green Island' brings together universities and experts to work on developing sustainable technologies**

- **Cabildo de Gran Canaria Newsletter**
  - **Cloister of the Smart Green Island Makeathon 2019**

CLAUSURA DE LA SMART GREEN ISLAND MAKEATHON 2019

Febrero 23, 2019

ITQ Smart Mobility Articles – Local Newspapers

- **Telde Actualidad**
  - **Solar car drives for the first time in the Canary Islands**

- **Canarias7**
  - **Two solar cars drive for the first time in the Canary Islands**

- **La Provincia**
  - **Solar car drives for the first time in Gran Canaria from Mogán to Las Palmas**

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Impressions

1st Day: Opening

2nd Day: Making

3rd Day: Making

3rd Day: VIP Event@Smart Villa

3rd Day: VIP Event@Smart Villa

4th Day: Mobility Conference

4th Day: Results and Presentations

Our Teams

SMART
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ISLAND

Our Teams

Our Teams

Our Guests and Sponsors

Our Participants

See you next year – Smart Green Island Makeathon 2020

Save the date

SMART GREEN ISLAND

04.-07.03.2020