

28th NA-MIC Project Week

June 25-29, 2018

Universidad de Las Palmas de Gran Canaria

Canary Islands – Spain

https://na-mic.github.io/ProjectWeek/PW28_2018_GranCanaria/

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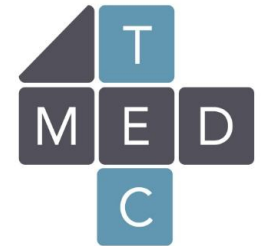
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<http://medtec4susdev.org>





Key facts about ULPGC



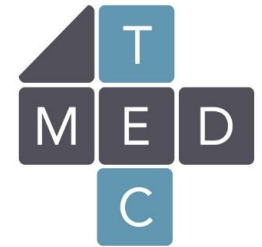
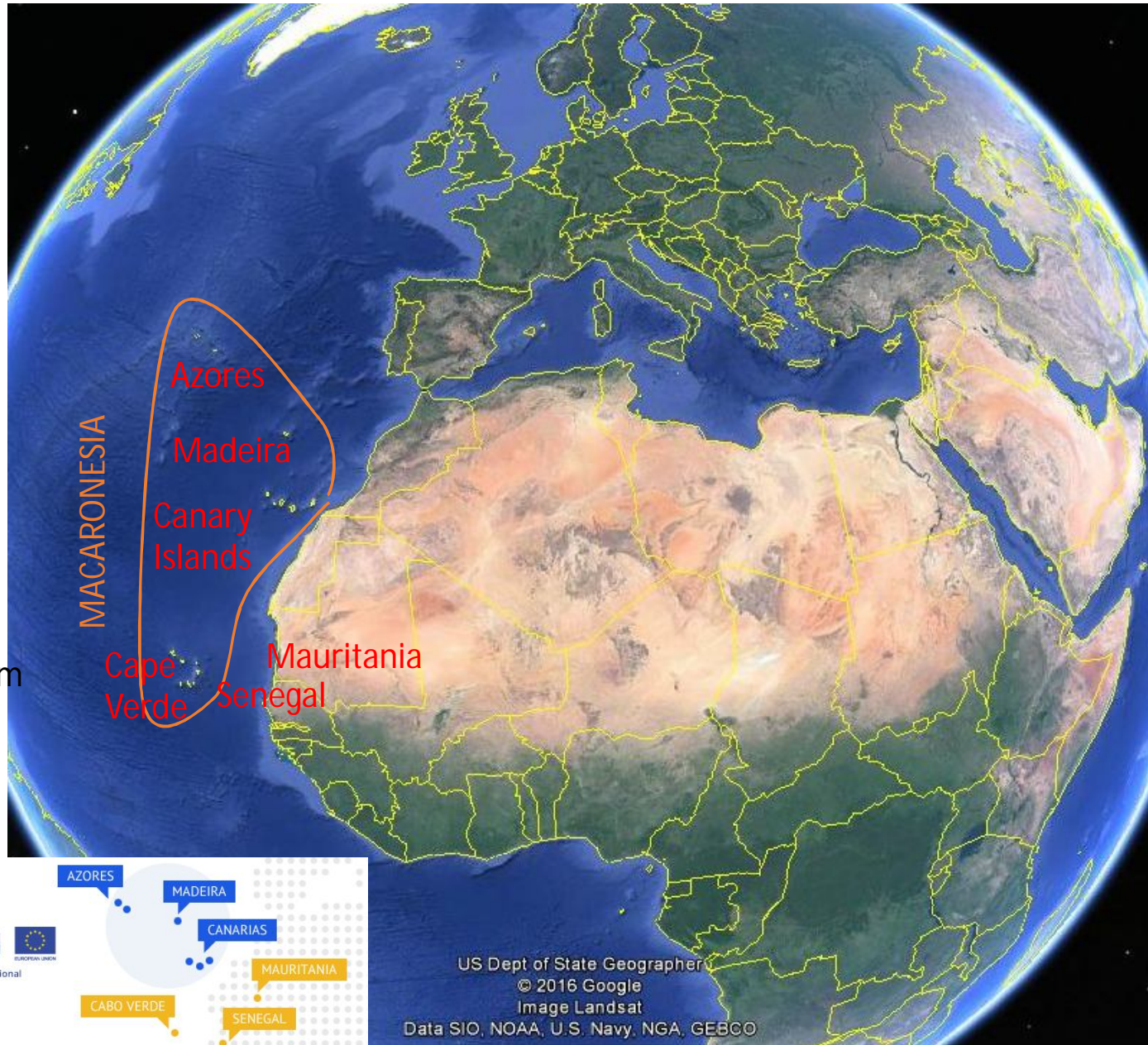
- Gran Canaria / Canary Islands are main global tourism destinations
 - Population: 0.9M / 2.1M
 - Tourists: 4.2M / 15M (13M foreign)
- Part of Spain / European Union
- Close to Africa: outermost region
 - Special regime / fiscal incentives
- Well-connected / European standards
- Two large universities / world-class research infrastr. Astrophysics - Oceanic
- University of Las Palmas de Gran Canaria (ULPGC)
 - 23.000 students / 1.600 faculty members
 - 15 schools / 40 degrees / 33 masters / 13 PhD progr.
 - 11 research institutes
 - Collaboration with many European & international universities and research centers
 - Cooperation for develop. -> Africa and Latin America
- Las Palmas de Gran Canaria: large booming city
 - Metro area > 0.5M / large port & trade activity





Gran Canaria:

- Madrid: 1700 km
- Barcelona: 2200 km
- Paris: 2700 km
- London: 2900 km
- Brussels: 3000 km
- Rome: 3000 km
- Amsterdam: 3200 km
- Berlin: 3600 km
- Helsinki: 4700 km
- Cayenne: 4700 km

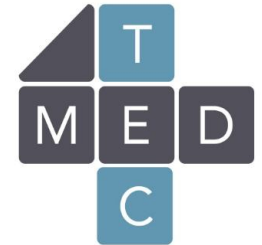


Gran Canaria:

- Agadir: 600 km
- Rabat: 1000 km
- Nuakchot: 1100km
- Dakar: 1500 km
- Praia: 1700 km
- Bamako: 1900 km
- Conakry: 2000 km
- FreeTown: 2200km
- Niamey: 2400km
- Monrovia: 2500 km
- Yamusukru: 2600km
- Acra: 3000 km
- Abuja: 3200 km
- Yaunde: 4000 km



Strategic base for humanitarian aid



Cruz Roja

RED CROSS HUMANITARIAN LOGISTICS
CENTRE IN THE CANARY ISLANDS

6,780 m²

330,972 KG

Aid managed from the
Canary Islands, 2009-2015

Capacity of the aid platform:

2,500 PEOPLE IN 48h.

One of the five humanitarian
logistic centers

For its vicinity and connectivity, the Canary Islands have become a logistics base for Red Cross, United Nations World Food Programme and USAID operations with Africa.



UN WORLD FOOD PROGRAMME
LOGISTICS CENTRE

One of the 5 logistics centers
of this organisation is located
at the Canary Islands



USAID
FROM THE AMERICAN PEOPLE

USAID

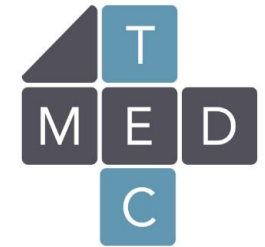
9,400 m²

storage area for the
Food for Peace Programme

30,000 TN

Aid managed from the
Canary Islands, 2009-2015

One of the six overseas
warehouses



City of Las Palmas GC - harbor



City of Las Palmas GC –
Beach of Las Canteras



ULPGC main campus in Tafira
(Las Palmas GC)

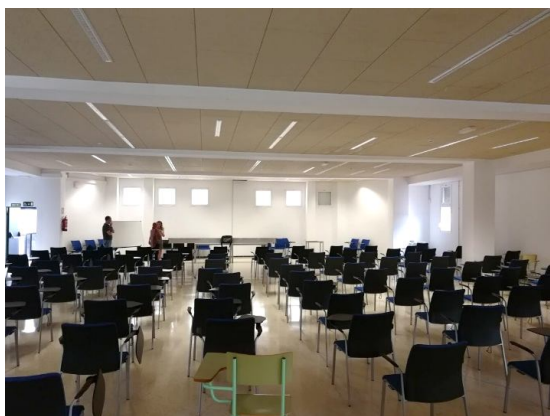
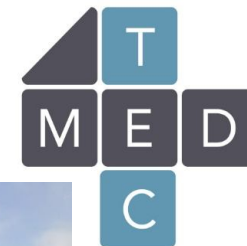


<http://www.grancanaria.com/turismo/en/>



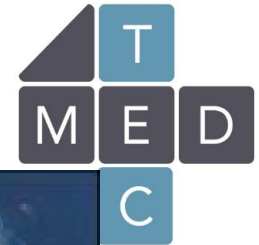


NA-MIC Venue at ULPGC





NA-MIC Venue at ULPGC



**Hotel Marriot
AC beria**
Aprox 100€/night
50 rooms reserved
Breakfast included

Hotel Parque
Approx 55€/night
40 rooms reserved
Breakfast included

**Reserved until
March 30**

NA-MIC
venue



Google Maps – Data Inst Geogr Nac



Hotel
Marriot
AC Iberia
1 Km
12 min.

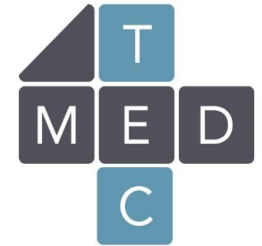
Hotel
Parque
1.1 Km
13 min.

<http://achotels.marriott.com/hotels/ac-hotel-iberia-las-palmas>

<http://hotelparqueenlaspalmas.com/en/>



Exploring potential synergies to apply NA-MIC technology in developing countries



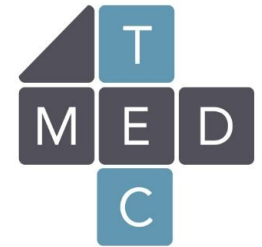
- Our concept: medical technology for sustainable development
 - Our logo is devised to visually convey this concept
 - Already working in Cape Verde, Mauritania and Senegal. Soon Mozambique
- Our website: <http://medtec4susdev.org>
- **Our motto: train the trainers - affordable high-tech for sustainable development**
- During NA-MIC Project Week we'll host a parallel event with some of our African partners (physicians, engineers and academics) to introduce them to NA-MIC technology and explore synergies





Already started & promoting international collaboration

In the Canary Islands



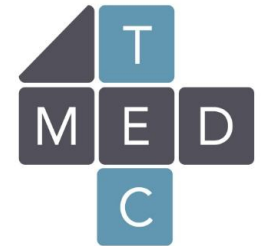
Only a first step. Some of the next ones:

- International mentoring
- Medical & engineering education based on technology
- Affordable high-tech medical & surgical simulators
- Screening the diabetic foot measuring thermal radiation



Already started & promoting international collaboration

In Cape Verde, in Mauritania, in Senegal

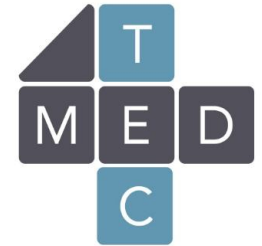


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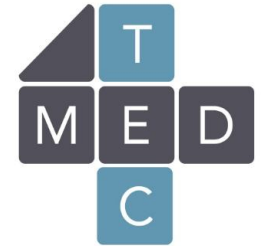


Looking forward, looking further



- An **international hub** for medical technology and training, adapted to the needs of developing countries, which serves as **model of reference**
 - **Train the trainers** based on technology: health personnel & engineers
 - **Develop technology** paradigms well suited to the needs: medical **virtual simulators**, autonomous **telemedicine** systems, **hospital information** systems
 - Mainly using **open technology** licensing schemes: promote innovative business models that **foster local economy** during deployment
 - Integrate into **a global network** all the partners





Thank you and see you soon in Gran Canaria!!!

Prof. Juan Ruiz Alzola

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