

# - INOMA RENOVABLES -



"SOLAR ENERGY IS CLEAN AND INEXHAUSTIBLE"

# WHO ARE WE?

➔ WE ARE A STUDIO OF ADVANCED ENERGY ENGINEERING

➔ WE HAVE MORE THAN 15 YEARS OF EXPERIENCE IN THE SECTOR.

➔ WE ARE SPINOFF OF THE UNIVERSITY OF CÁDIZ.

➔ WE ARE SPECIALISED IN:

- ENERGY SERVICES.
- ENERGY MANAGEMENT.
- TECHNOLOGIC CONSULTANCY IN THE ENERGY SECTOR, SPECIALLY IN SOLAR THERMAL AND FOTOVOLTAIC.
- DEVELOPMENT OF RENEWABLE ENERGY PROJECTS.
- WE WORK FROM PROCESSING AND "DUE DILLIGENCES", TO DETAILED ENGINEERING, MAINTENANCE AND PLANTS EXPLOITATION.



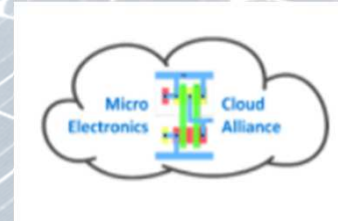
# WHO ARE WE?

# INTERNATIONAL PROJECTS

→ INOMA RENOVABLES TAKES PART ACTIVELY AS PARTNER IN SEVERAL INTERNATIONAL CONSORTIUMS, WORKING IN PROJECTS OF LIFE+ AND ERASMUS+ CALLS, WITH NATIONAL AND INTERNATIONAL PARTNERS, IN COLLABORATION WITH SPANISH AND INTERNATIONAL UNIVERSITIES.

→ SOME OF OUR LAST PROJECTS :

- AQUASEF.
- HY2GREEN.
- MECA.
- DALILA.



# TECHNICAL SERVICES PROVIDED

## 1. ENERGETIC SERVICES ENGINEERING



WE PROVIDE SOLUTIONS FOR SAVING AND ENERGY EFFICIENCY OF BUSINESS, ENTERPRISES AND PUBLIC INSTITUTIONS, COOPERATING WITH THEM FOR TRANSFORMING INTO MORE EFFICIENT AND SUSTAINABLE ORGANIZATIONS.



WE PROVIDE OUR TECHNICAL AND HUMAN CAPACITIES FOR:

- 0 ENERGY AUDITS, ENERGY QUALIFICATION AND CERTIFICATION.
- 0 ENERGY MANAGING.
- 0 CERTIFICATES OF MAINTENANCE OF SOLAR THERMAL AND PHOTOVOLTAIC INSTALLATIONS
- 0 REPORTS ABOUT THE ENERGY MANAGEMENT PLAN COMPLIANCE.
- 0 ENERGY CERTIFICATES OF BUILDINGS, PROJECTED INSTALLATIONS AND IN-SERVICE INSTALLATIONS



# TECHNICAL SERVICES PROVIDED

## 2. PROJECTS AND TECHNICAL ENGINEERING

- ➔ INOMA RENOVABLES IS ESTABLISHED IN THE SECTOR AS ENGINEERING SPECIALISED IN RENEWABLE ENERGIES, ENGINEERING PROJECTS AND TECHNICAL REPORTS AND CERTIFICATES
- ➔ THIS NEW CONCEPT OF ENGINEERING REPRESENTS A STRATEGIC BET FOR INNOVATION AND DEVELOPMENT OF NEW DESIGNS AND SYSTEMS THAT INCLUDES THE MORE INNOVATIVE TECHNIQUES OF COMPUTER DESIGN, 3D REPRESENTATION AND THE BEST SIMULATOR PROGRAMS, WHICH ALLOWS THE ARCHITECTURAL INTEGRATION OF THE DESIGNED INSTALLATIONS OPTIMIZING THE ENERGY PRODUCTION.



# TECHNICAL SERVICES PROVIDED

## 3. RENEWABLE ENERGY INSTALLATIONS



0 PROJECT EXECUTION.

0 CONSTRUCTION MANAGEMENT.

0 QUALITY CONTROL OF MAINTENANCE PLANS.

0 QUALITY CONTROL IN THE EXECUTION OF WORKS.



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# TECHNICAL SERVICES PROVIDED

## 4. MAINTENANCE OF RENEWABLE ENERGY INSTALLATIONS

- ➔ 0 CORRECTIVE, PREVENTIVE AND PREDICTIVE MAINTENANCE OF R.E. INSTALLATIONS
- 0 PREVENTIVE MAINTENANCE + TELEOPERATION + OPERATION OF PHOTOVOLTAIC PLANT.
- 0 THERMOGRAPHIC ANALISYS OF R.E. INDUSTRIAL INSTALLATIONS
- 0 VISUAL INSPECTION OF THE PV MODULES AND PVPLANTS
- 0 REALIZATION OF ISOLATION TEST ON PANELS ACCORDING TO INSPECTION STANDARDS.
- 0 THERMOGRAPHIC ANALISYS OF PV PLANTS BY USING AERIAL IR THERMOGRAPHY FROM DRONES.
- 0 ELECTRICAL CHARACTERIZATION OF PV MODULES.
- 0 TEST AND MEASURE OF THE PHOTOVOLTAIC INVERTER EFFICIENCY.
- 0 I-V CURVE OF PV MODULES OR STRINGS FOR DETERMINATION OF THE REAL POWER OF THEM, BY USING I-V CURVE TRACERS



# TECHNICAL SERVICES PROVIDED

## 5. R&D&I CONSULTING AND MANAGEMENT

- ➔ AS R&D&I CONSULTING ENGINEERING, INOMA RENOVABLES DEVELOPS ACTIVITIES FOR ENTITIES THAT ARE INTERESTED IN DEVELOPING R&D&I PROJECTS.
- ➔ WE HAVE EXPERIENCE IN THE PROJECT DEFINITION, INCLUDING PARTNER SEARCHING FOR CONSTITUTION OF A CONSORTIUM IF REQUIRED, OFFERING TECHNICAL SUPPORT IN THE DEVELOPMENT OF THE PROJECT FOR THE OBTENTION OF THE THE EXPECTED RESULTS.



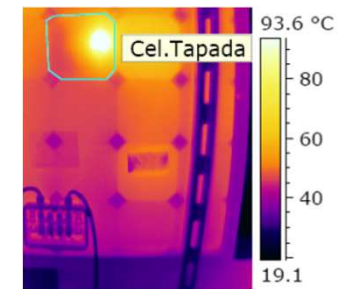
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# TECHNICAL SERVICES PROVIDED

## 6. TRAINING AND EDUCATION

➔ INOMA RENOVABLES HAS ALL THE NECESSARY RESOURCES AND EXPERIENCE FOR DEVELOPING PROFESSIONAL TRAINING, FOR THOSE THAT HAVE ALREADY STARTED THEIR PROFESSIONAL ACTIVITY AND INTENDS TO UPDATE THEIR KNOWLEDGE, OR THOSE THAT REQUIRE SPECIALIZED TRAINING FOR ACCESS TO THE LABOUR MARKET.

➔ IN THIS SENSE, INOMA RENOVABLES MAINTAINS A COLLABORATION FRAMEWORK WITH THE UNIVERSITY OF CÁDIZ (UCA) AND ZONA FRANCA DE CÁDIZ THANKS TO WHICH IS GENERATED TECHNICAL AND HUMAN RESOURCES FOR A CORRECT ORGANIZATION OF THIS TYPE OF TRAINING ACTIONS.



- THANK YOU VERY MUCH! -



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RECINTO INTERIOR DE LA ZONA FRANCA - EDIFICIO EUROPA - OFICINA 416

11011 CADIZ (SPAIN)

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