

PROGRAMME

12th CANAGUA&ENERGÍA INTERNATIONAL FAIR

THURSDAY 4 OCTOBER

11:00 Official Opening of the Fair

HALL 5

12:30 – 13:00 **Vimetri-Mac project**, the importance of real-time meteorological observation when facing risk situations and water collection. Opportunities for businesses and public bodies. Mr Juan Luis Navarro Mesa, Universidad de Las Palmas de Gran Canaria. Researcher responsible for the project.

13:00 – 15:00 **Presentation of the DEMOLA project**. DEMOLA Canarias is a project led by the ITC (the Technological Institute of the Canary Islands) which consists in an open innovation model in which Canarian companies pose challenges to a multi-disciplinary team of university students, developing a co-creation project (students – company) which must provide real solutions to the challenges posed.

16:15 – 16:30 **Competitiveness, Efficiency and Confidence**. Mr Alfredo Herrero Fargallo. Sigma Energy Corporation.

16:30 – 16:45 **Optimizing energy from water desalination in Las Palmas de Gran Canaria**. Mr Juan José Rodríguez González, production area manager at EMALSA.

16:45 – 17:00 **Acoustic solutions for industrial plants**. D. Víctor Mendoza, Acoustics Engineer at Belling Acústica.

17:00 – 17:15 **Innovation in Maintenance Management for the public sector**. Mr Esteban Peñalver, CEO at Works, Maintenance Management.

17:15 - 17:30 **Generating electricity through water wave movement for isolated floating devices**. Mr Javier García Álvarez, R&D Engineer at Smalle Technologies.

17:30 - 17:45 **W2POWER, the first floating wind turbine platform in Spain**. Mr Pedro M. Mayorga, EnerOcean's Technical Director.

17:30 - 17:45 **Efficiency and monitoring in Networks**. Mr José Antonio Iglesias, Director of the Network Division and Mr Miguel Ángel Gómez, Salesman in the South Area of the Canary Islands. Energy Improvements.

HALL 7

12:30 - 13:00 **CDTI Financing programmes (Centre for Technological and Industrial Development - CDTI). Opportunities in water and energy projects**. Mr Gabriel Barthelemy Candela, responsible for Energy within the Promotion and Cooperation Division of the CDTI.

13:00 – 13:15 **DISA Energy Services: custom-made solutions.** Mr Javier Rafael Fernández Domínguez, Head of Energy Services at DISA Servicios Energéticos, S.L.

13:15 – 13:30 **Sunfarming Food & Energy in Europe and in Africa (Energy & Food Production, Job Creation, Education and Water Management).** Mr Holger Schoenherr. Sun Farming GmbH.

13:30 – 13:45 **AFRICAGUA, Water & Renewable Energy Forum**

15:00 - 15:15 **Raskon, water activators, white water without additional costs.** Mr Konstantin Raskito, Director of Raskon Medianet International.

16:00 – 17:00 **Challenges faced water and energy, views from the World Bank.** Mrs Beatriz Lougedo, Water Analyst Consultant, World Bank.

17:00 – 19:00 **Round table: Water and Energy in Africa.**

- D. Antonio Pedro Pina - Executive Administrator of the National Water and Sanitation Agency - ANAS, (Cape Verde).
- D. Dah Sidi Bouna - General Director of Electricity of the Government of Mauritania.
- D. El Hadji Ada NDAO, Director of Planning and Studies of SONES, (Senegal).
- D. Khalid AMMOR, Head of the Planning Division Center in the Technical and Engineering Directorate of the National Office of Electricity and Potable Water ONEE-Agua, (Morocco).
- D. Florence Cobbold, General Manager SEWERAGE SYSTEMS LTD, (Ghana).

FRIDAY 5 OCTOBER

HALL 5

10:15 – 10:30 **Creating the paths of water.** Mr Juan Romero. GESTIRIEGO ISLAS

10:30 – 11:15 Presenting the advantages of the **Special Zone of the Canary Islands** and of the **Duty-Free Zone of the Gran Canaria** for the water and energy sector.

11:15 – 13:15 **DESAL+ STARTUPS Investment Forum.** DESAL+ is a project coordinated by the ITC. It is an initiative promoted within the framework of DESAL+LIVING LAB seeking to attract and support technology-based entrepreneurs around the world in the field of water desalination and the water-energy nexus.

13:15 – 13:45 **Water supply and sanitation in Spain.** Mr Fernando Morcillo, President of the AEAS, the Spanish Association of Water Supply and Sanitation.

13:45 – 14:00 **When and where is the municipal energy expenditure?** Mrs Guacimara Chocho Peña. Local Energy Management Agency of Las Palmas de Gran Canaria.

16:00 – 16:15 **Solar-Powered Water Pumping.** Mr José Miguel López Guirado. ATERSOL

16:30 – 16:45 **Treatment and reuse of domestic wastewater.** Mr Álvaro Marco Sánchez. Water waste Integral Systems.

16:45 – 17:00 **Effective solutions for the treatment of reverse osmosis plants.** Mrs Irene Marian. Adiquímica.

17:00 - 17:15 **Water purification in remote or isolated areas.** Mr Antonio Cuevas Cuadrado, CEO at Waterologies.

17:15 - 17:30 **Tools for managing ocean brine disposal.** Mr Adrián Gil Trujillo, responsible for Innovation at ECOS Estudios Ambientales y Oceanografía (Environmental Studies and Oceanography).

HALL 7

10:30 – 15:00 **Session about water management in the Canary Islands: Technology, innovation and efficiency**, organized by FuturENVIRO. Full programme. Registration.

16:00 – 16:15 **Sustainability in disposable packaging for water and other sectors.** Mr Manuel López Romero. Skipping Rocks Lab.

16:15 - 16:30 **Very Energy Efficient Cooling Solutions for electrical panels: Rittal Blue e+ Technology.**

10:30 - 11:00 Presentation of the ‘Canarias Aporta’ Programme in POREXCA’s stand (Hall 7 ground floor)

SATURDAY 6 OCTOBER

10:00 **Visit to the technical facilities.** A visit has been organised for professional visitors of the fair to a water facility and to PLOCAN (the Oceanic Platform of the Canary Islands). There will also be a boat trip from the Taliarte Port to PLOCAN’s test bench area, circumnavigating the offshore platform and the wind turbine of the ELISA project. This trip will last approximately 1 hour, arriving at the same port of departure.

HALL 5

11:00 – 11:45 **The waterfarmer workshop.** Through theatre, families learn about the importance of water and the need of reusing it. This workshop is carried out within the framework of the ADAPTaRES project, a cooperation project co-financed by the Interreg MAC 2014-2020 Programme and implemented under the supervision of the ITC.

12:00 – 13:00 **Children’s workshop on wind power** carried out by ENERCON.

13:00 – 13:45 **The waterfarmer workshop.** Through theatre, families learn about the importance of water and the need of reusing it. This workshop is carried out within the framework of the ADAPTaRES project, a cooperation project co-financed by the Interreg MAC 2014-2020 Programme and implemented under the supervision of the ITC.

16:00 – 17:00 **Information session about public aids for the installation of photovoltaic panels in homes.** Energy Island Council, Gran Canaria Island Council.

HALL 7

*Provisional programme subject to changes. Content still to be completed.

The blue font is used for conferences given by exhibitors; those in italics are still pending confirmation.

10:30 - 10:45 **Nozzle, the same water tap, 98% less water.** Mr Francisco Alejandro Vega Pérez, CEO at KVK Innovations

11:00 – 11:45 **Save money by understanding your electricity bill and developing more sustainable habits.**

11:45 – 12:15 **Water containers throughout history: conveyance, transport and storage.** Mr José Juan Ojeda Quintana, economist, industrial engineer and historian.

12:15 – 13:00 **Geochemical and geophysical studies in the surface to explore geothermal resources in the subsoil of volcanically-active oceanic islands: Gran Canaria, case study.** Mr Nemesio M. Pérez, Scientific Coordinator for the Institute of Volcanology of the Canary Islands (INVOLCAN)

13:00 – 13:45 **Save money by understanding your electricity bill and developing more sustainable habits**