



National Workshop on Desalination and Re-use of Treated Waters

Naples, June 24th 2024

AGENDA

- | | |
|---------------------|---|
| 9.00-9:30 | <i>Registration</i> |
| 9.30-9.40 | Welcome Greetings
Giovanni Caprino , President Cluster Tecnologico Nazionale Blue Italian Growth
Laurence Martin , Secretary General Federazione del Mare |
| <i>Moderator:</i> | Leonardo Manzari , WestMED Assistance Mechanism – National Hub, Italy |
| 9.40-9.50 | Water scarcity in the Mediterranean basin and the urgent opportunity for Italian technical assistance regarding the reuse of purified water and desalination
Emilio Gabbrielli , International Desalination Expert (online) ;
Leonardo Manzari , WestMED Italy |
| 9.50-10.10 | The Tara desalination plant project
Vito Paolo Scarongella , Project Manager AQP SpA |
| <i>Coffee break</i> | |
| 10.40-11.00 | The Italian Reuse and Desalination Group: structure and governance |

**Silvio Oliva, Director International Desalination Association
- IDA**

11.00-12.30

Main thematic axes to be developed:

- Environmental aspects of water supply in the smaller islands
Franco Andaloro, Marine Ecologist, Scientific Advisor to the Order of Biologists Foundation, SZN Associate, CTN BIG;
- Desalination technologies, experiments and ongoing innovation. Treatment and valorization of brines
Giorgio Micale, University of Palermo
- Areas of application (large infrastructures, smaller islands, etc.),
Roberto Mangano, International Desalination Expert
- Sustainable management models (environmental, economic, financial)
Silvio Oliva, Director International Desalination Association - IDA

12.30-13.00

Q&A, Debate

Lunch break

Expressions of interest from operators in joining the GIRD

- Companies
- National and regional maritime clusters
- Universities and Research Institutes
- Public and private organizations, companies in related supply chains

14.00-14.30

The Financial support for desalination projects
Thomas van Gilst, Public Sector and Regulated Operations - European Investment Bank

Beatrice Gattoni, Consultinvest Investimenti SIM SpA

14.30-15.00

The main projects in Italy and in the Mediterranean basin
Paola Bertossi, CEO Fisia Italimpianti

15.00-16.00

An Italy-Algeria partnership: company presentations
Mario Dogliani, SDG4MED

- 16.00-16.15 Exploitation of Microalgae and Cyanobacteria for Desalination of Saline Liquid Streams
Domenico Palatucci, PhD student Università Federico II di Napoli
- 16.15-16.30 Plan the response to the water crisis in a sustainable way: from powering plants to renewable sources to valorising brines from a circular economy perspective, through a life cycle approach and based on ongoing climate change scenarios, **Edoardo Teresi, PhD student Università di Bologna - ENEA**
- 16.30-16.40 Conclusions
Cristian Chiavetta, ENEA RISE

Technical-logistical information

Production of Workshop proceedings

At the end of the working day, the contributions in .pdf format of the speakers who wish to make them available will be collected and made public - subject to authorization from the authors - on the Cluster BIG website. Furthermore, a summary of the main findings emerging from the meeting will be produced.

How to reach us:

By plane

Naples-Capodichino Airport is not far from the city and is located in the western area of Naples. National and international flights from almost all European cities land at Naples Airport.

To reach the DaDoM from the airport you can:

- take a taxi just outside the arrivals terminal. You can ask to apply the pre-established rate
- take a bus: the Alibus stops just outside the arrivals terminal and goes directly to the Napoli Centrale station in Piazza Garibaldi. Here you can take the Metro Line 2 and get off after 3 stops at Piazza Amedeo, then continue on foot for about 10 minutes, as per Google maps directions: $40^{\circ}49'58.3''N$ $14^{\circ}14'09.6''E$

By train

Naples Central Station is located in Piazza Garibaldi, in the center of the city; National and international trains arrive and depart there. The easiest way to reach the DaDoM from the Central Station is to take the Metro Line 2 (following the signs inside the station) towards Pozzuoli and get off at the Piazza Amedeo stop (3 stops), then continue on foot for about 10 minutes, as per Google maps indications: $40^{\circ}49'58.3''N$ $14^{\circ}14'09.6''E$.

By car

Depending on the direction you are coming from, it is advisable to use a navigator.
