

## AREA PRESIDENT MARCO BUONI'S TALK AT UN-FAO FOOD SYSTEM SUMMIT ON 20 SEPTEMBER



*Marco Buoni, AREA President, at MOP31 in Rome, 2019*

On September 20<sup>th</sup> the Italian Ministry for Ecological Transition, the Food and Agriculture Organization (FAO) and the Ozone Secretariat will host an event that will put a spot light on the critical role of sustainable cold chains in ensuring food safety and security, reducing food waste and loss, mitigating climate change and preventing the depletion of the ozone layer; in deep connection with the Montreal Protocol, its Kigali Amendment and its Rome Declaration on Sustainable Cold Chain Development.

**AREA** President **Marco Buoni**, who's further the **Secretary General of ATF** (*Italian Association of RAC Technicians*) and Director General of **Centro Studi Galileo**, will take part in the Summit to testify the key role that the **HVAC/R Sector** and the **Cold Chain** play – and must have – to guarantee **that food distribution** always happens in the **safest, most efficient and sustainable way possible**.

**Mr Buoni's** speech will be titled: *"Progress at industry level, focusing on servicing sector trainings – the experience in the European Union."*



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P.IVA/CF. 02162970061 – n° Iscrizione Registro Imprese 02162970061 REA AL-231932 – Capitale Sociale euro 50.000,00 i.v.

**September 20<sup>th</sup>, 2 – 5 pm**

To register, please click on [https://bit.ly/UN\\_FoodSystemSummit](https://bit.ly/UN_FoodSystemSummit)

More information on the event is available at [this link](#).

**AREA**, the European association of Refrigeration, Air Conditioning and Heat Pump (RACHP) contractors, was established in 1989 and voices the interests of **24 national associations from 21 countries**, representing **13,000 companies employing 110,000 people** and with an annual turnover approaching **€ 23 billion**.

The **Food Systems Summit** is organized by the **Ministry of Ecological Transition of Italy, Ozone Secretariat** to the Vienna Convention and Montreal Protocol and the **Food and Agriculture Organization** of the United Nations, with support of the **Cool Coalition, Climate and Clean Air Coalition, OzonAction Programme** of the United Nations Environment Programme.

The event will demonstrate how the **Montreal Protocol** on Substances that Deplete the Ozone Layer, universally ratified multilateral environmental agreement, its **Kigali Amendment** and the **Rome Declaration** on the “*Contribution of the Montreal Protocol to a Food Loss Reduction through Sustainable Cold Chain Development*” that was endorsed at the **31st Meeting of the Parties (MOP31)** in November 2019 can contribute to **scaling up of technological and policy solutions for sustainable cold chains**, including by enhanced international cooperation among relevant stakeholders at all levels.

In 2011, the United Nations Food and Agriculture Organization **FAO** estimated that around **one third of all food produced globally is lost or wasted annually**. This amounts to a staggering estimated **financial loss** of about **\$940 billion** and it creates **greenhouse gas (GHG)** emissions of about **4.4 gigatonnes CO<sub>2</sub>-eq per year**, which is about 8% of the total global emissions of GHGs.

**Delivering food from farm to consumer safely** requires a suitable temperature-controlled environment. Various stages that a refrigerated food product passes through to its destination - connecting the harvested produce with its intended consumer – is referred to as the **cold chain**. Connecting farmers’ and fishers’ produce efficiently and effectively with consumers not only **reduces food loss** but has a **positive impact** on the economics of small-holder producers, by opening connectivity to new markets and increasing income opportunities.

Many cold-chain systems use high-GWP (Global Warming Potential) refrigerants and grid electricity. To mitigate potential climate-warming impacts of the cooling sector, **new, sustainable cold-chain systems** that are high in efficiency, safe, and use low or zero-GWP refrigerants and renewable energy sources need to be developed. **Game changing and systemic approaches** also need to be considered. Energy efficient, ozone and climate-friendly cold chains can help ensure nutritious and healthy food for all. (Source: *MiTE, FAO and Ozone Secretariat Concept Note – Event Overview; Agenda*)



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## AGENDA

**Opening Remarks:** Meg Seki, Ozone Secretariat (UNEP)

**Keynotes:**

- Ministry of Ecological Transition - Italy
- Dr Abdulla Naseer, Minister of State for Environment, Climate Change and Technology, Maldives

**Dialogue 1:** Where do we stand and what are the main issues and challenges to achieve sustainable food chains

- Toby Peters, the Birmingham University, UK
- Didier Coulomb, International Institute of Refrigeration
- World Farmer Organization Association
- Miruza Mohamed, Ministry of Environment, Climate Change and Technology, Maldives
- Patrick Mckinerney, Environment Department, Australia
- Philip Owen, European Commission, EU
- Zitouni Ould-Dada, FAO
- Sheila Aggarwal-Khan, UNEP



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## Dialogue 2: What needs to be done and what solutions do we have?

### *Industry considerations:*

- Kevin Fay, Global Food Cold Chain Council
- Marco Buoni, Air-Conditioning and Refrigeration European Association (AREA)
- Tian Changqing, China Refrigeration and Air-Conditioning Industry Association

### *Addressing data gaps:*

- Hassan Mubarak, the Supreme Council for Environment, Bahrain
- Gilda Torres, Ministry of the Environment and Sustainable Development, Paraguay

### *Integrated policy approaches:*

- India
- Juliet Kabera, Rwanda Environment Management Authority, Rwanda

### *Technology transfer:*

- Ole Nielsen, UNIDO

### *De-risking and optimizing investments:*

- Olivier Dubois, FAO

### *Cold chains for vaccines:*

- Brian Hartley, Sustainable Energy for All

## Concluding sessions: Way forward and vision for delivering sustainable cold chains - From Commitments to Action.

- Summary of the meeting
- Concluding remarks: Italy and Rwanda



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