



Smart GRID DAYS 2023

Remote monitoring and control of multi-gas networks
National and international developments
Ancona, Automa HQ, 25 October 2023, 9.30 am - 4.30 p.m.

The multi-gas sector remains at the heart of the European and global energy system. Talking today about **remote monitoring and control of central infrastructures** not only for our country, means giving the right positioning to a segment - that of natural gas - that thanks to technological innovation is at the centre of the **energy and digital transition**. Infrastructures that are enriched with new content and value; in a historical moment that entrusts the gas sector with the task of making the ever-growing demand for energy sustainable.

Artificial Intelligence, IoT, Smart Meter, Data Management become key factors to consciously enhance strategic assets both for our country and on an international scale. Making access to energy sustainable from an economic, environmental, and social point of view undoubtedly passes through this evolutionary process and the maintenance of mature networks that call for an ethical relationship with what has been built over time according to qualitative criteria that are certainly enlightened.

Five months after the second edition of **Digital Grid Evolution** - the event focused on the evolution of integrated energy systems with an extension to the water sector - **AUTOMA** completes its vision, thanks also to the contribution of exceptional testimonials, with examples and solutions dedicated to natural gas, hydrogen, biomethane, power to gas and other resources that our gas transmission and distribution networks will bring to citizens and industries.



Smart GRID DAYS 2023

Programme

Registration 8.30 - 9.30 am

9.30-9.40 am *Initial greetings*
Giorgio Giorgetti, CEO Automa

9.40-10.00 am *Policy actions for the energy transition. The role of innovation* - **Marcello Capra**, Ministry of Environment and Energy Security MASE - Italian Representative Horizon Europe Cluster 5 - SET Plan EU

10.00-10.20 am *Methane emissions: new features in 2023* - **Cristiano Fiameni**, Technical Director Italian Gas Committee

10.20-10.40 am *Smart immersive control in utilities: how to win a revolution* - **Silvia García**, UNAM - Universidad Autonoma de Mexico - Researcher at the Engineering Institute

10.45-11.00 am *Coffee break*

11.00-11.20 am *Smart regulator: examples of application* - **Walter Tarabelli**, Italia Sales Manager Automa

11.20-11.40 am *Dynamic Regulation of Gas Network Pressures* - **Cristian Bassi**, TEA

11.40-12.00 am *Sustainability and Digitisation in the Energy Future: Italgas' Innovative Path* - **Andrea Cafarelli**, PM Digital Operation Program Italgas

12.00-12.20 am *2i Rete Gas, the digitisation that makes the network smarter* - **Livio Valagussa**, Manager of Network Digitisation and Transmission Systems 2i Rete Gas

12.20-12.40 am *The evolution of the distribution network: digitisation and data management* - **Lorenzo Busi**, Centria Networks Technology Area Manager of Centria

12.40-1.00 pm Q&A

1.00-2.00 pm *Lunch*

2.00-2.20 pm *Golem in biomethane injection in networks and reverse-flow systems* - **Luis Castaño**, Kromschroder - Cathodic protection specialist

2.20-2.40 pm *Metaverse-based digital cufflinks* - **Eduardo Ahumada**, Naturgy Mexico

2.40-3.00 pm *Gas distribution service and energy transition - decarbonising civil and residential use - INRETE's experience* - **Marcello Bondesan**, Manager of Energy Asset Development and Measurements Hera Group

3.00-3.20 pm *How Gei Reti Gas is digitising the control of its assets* - **Camillo Leopardi**, Operations Director GEI Reti Gas

3.20-3.45 pm *Round table and Conclusions*

Event moderation: **Emanuele Martinelli**, Energia Media Srl

8.00 p.m. dinner at local winery Tenuta di Tavignano, transport organised by AUTOMA



Smart GRID DAYS 2023

Remote monitoring and control of cathodic protection
Ancona, Automa HQ 26 October 2023 9.30-17.30 a.m.

Programme

Registration 8.30 - 9.30 am.

9.30-9.40 am *Initial greetings*

Walter Tarabelli and Ivano Magnifico, Automa

9.40-10.10 am *Cathodic protection of submarine pipelines: a mythological approach to design -*

Marco Cattalini, CorE

10.10-10.40 am *Anodes and earth electrodes for impressed current systems - Revision of standard UNI 10835 -*
Simone Tremolada, Fabio Brugnetti, Maurizio Persi and Massimo Rasini

10.40-11.10 am *Potential probes: type tests and business plan for pipeline commissioning -*
Fabio Brugnetti, APCE

11.10-11.25 am *Coffee break*

11.25-12.15 am *Coupons installation -*
Ivano Magnifico, Automa

12.15-1.00 pm *Round Table*

1.00-2.00 pm *Lunch*

2.00-2.30 pm *Comparative test of 2i RETE GAS probes - 2023*
Alessandro Longhi, 2i Rete Gas

2.30-3.30 pm *Cathodics 4.0: digitisation, AI, energy -*
Ivano Magnifico, Automa

3.30-4.00 pm *Corrosion control and mitigation systems applied in 'singular areas' of pipelines in Argentina -*
Claudio Tavella, Morken

4.00-4.30 pm *Urgent retrofitting of heavily damaged heat exchanger with impressed current cathodic protection -*
Kresimir Kekez, PA-EL

**The programme is still being finalised and may be subject to change*