



POLICY WORKSHOP

THE VALUE OF ENERGY STORAGE IN SUPPORTING EU'S SECURITY OF SUPPLY AND DECARBONISATION GOALS

Chairs:

Andris Piebalgs | Florence School of Regulation / RSCAS / EUI

Lubor Veleba | Gas Infrastructure Europe

Cécile Prévieu | Gas Infrastructure Europe

Scientific Organiser:

Maria Olczak | Florence School of Regulation / RSCAS / EUI

Refectory

Badia Fiesolana, Via dei Roccettini, 9 - San Domenico di Fiesole

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■ INTRODUCTION

Storage facilities play a crucial role in the EU energy system contributing to the seasonal flexibility of the EU energy market and acting as a collateral against potential disruptions in the supply of energy. However, the value of storage has been challenged in recent years. According to the European Commission's "Follow-up study to the LNG and storage strategy" this trend is a result of, *inter alia*, gas consumption's weakening, narrowing summer/winter spread, converging energy prices across Europe, greater pipeline flexibility and hub liquidity. At the same time, many people agree that storage is becoming more and more important with the increase of intermittent energy from renewable sources in the EU energy mix.

The workshop is divided into two sessions. The first session deals with the consequences of changing market conditions on the storage market and the adequate market design to flexible resources in order to fully capitalise on their potential. The second session is devoted to the regulatory options that could be designed to provide the cleanest back-up to cope with the increasing variation of gas flows that the rising share of RES in the energy mix will trigger in the future low carbon energy system. The event will conclude by issuing policy recommendations.

■ PROGRAMME

08.30 - 08.45 *Welcome coffee*

08.45 - 09.15 Welcome address

Jean-Michel Glachant | Florence School of Regulation / RSCAS / EUI

Lubor Veleba | Gas Infrastructure Europe

SESSION 1: THE ROLE OF GAS STORAGE IN A MODERN AND CLIMATE-FRIENDLY ENERGY SYSTEM

Chair: **Andris Piebalgs** | Florence School of Regulation / RSCAS / EUI

09.15 - 10.15 Gas storage as a traditional source of seasonal flexibility and security of supply

Cécile Prévieu | Gas Infrastructure Europe

Challenges to the security of supply with the rise of intermittent RES

Torben Brabo | Energinet

Is a new electricity market design capturing the existing potential of gas storage for the benefit of the consumers?

Yolanda García Mezquita | European Commission, DG Energy

Q&A

10.15 - 11.00 Are there any alternatives to gas storage?

Michael Schmöltzer | Uniper Energy Storage

Yannick Bonin | Storengy

Q&A

11.00 - 11.30 *Coffee break*

11.30 - 12.30 Roundtable discussion: How should the gas storage companies respond to the changing market conditions?

Moderator: **Andris Piebalgs** | Florence School of Regulation / RSCAS / EUI

Kristian Ruby | Eurelectric

Giuseppina Squicciarini | Eurogas
László Fritsch | Hungarian Gas Storage

Q&A

12.30 - 13.30 *Lunch*

SESSION 2: IS THERE A NEED TO CHANGE A GAS REGULATION TO CAPTURE THE POTENTIAL OF GAS STORAGE?

Chair: **Lubor Veleba** | Gas Infrastructure Europe

13.30 - 14.30 SSOs are under challenging conditions and not always being rewarded for their contribution

Andrew Morris | Pöyry Management Consulting

A forward-looking gas storage framework - the perspective of a national regulator

Francesco Cariello | ARERA

A regulatory framework based on market mechanisms

Fabien Roques | FTI Consulting

Alternative energy storage technologies - how to regulate them?

Bart Vereecke | ACER

Q&A

14.30 - 15.30 Roundtable discussion: What to expect from the new Gas Package?
Moderator: **Cécile Prévieu** | Gas Infrastructure Europe

Adam Elbæk | Gas Storage Denmark A/S

Edward Freeman | CEER

Bart Jan Hoevers | ENTSOG

Yolanda García Mezquita | European Commission, DG Energy

Q&A

15.30 - 15.45

Concluding remarks

Andris Piebalgs | Florence School of Regulation / RSCAS / EUI

Lubor Veleba | Gas Infrastructure Europe

■ SPEAKERS

Yannick Bonin

Hydrogen Program Manager, Storengy, France

Torben Brabo

CEO, Energinet Gas TSO, Denmark

Francesco Cariello

Head of European Regulation, Italian Regulatory Authority For Energy, Networks and Environment, Italy

Adam Elbaek

CEO, Gas Storage Denmark, Denmark

László Fritsch

CEO, Hungarian Gas Storage Ltd., Hungary

Yolanda Garca Mezquita

Team Leader & Policy Officer, European Commission, Belgium

Jean-Michel Glachant

Director of the Florence School of Regulation and Holder of the Loyola de Palacio Chair, Florence School of Regulation RSCAS/EUI, Italy

Bart Jan Hoevers

CEO of GTS & Board Member of ENTSOG, Gasunie Transport Services B.V., the Netherlands

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Senior Fellow, Florence School of Regulation RSCAS/EUI, Italy

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Lubor Veleba

Member of the Board, Gas Infrastructure Europe, Czech Republic

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