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## The European Commission Approves an Energy Security Package Emphasizing Infrastructure Development and LNG Imports

*By Ignasi Guardans, Steven C. Sparling, David L. Wochner, Alessandro Di Mario, Michael L. O'Neill*

On 16 February 2016, the European Commission published a Sustainable Energy Security package that aims to minimize natural gas supply disruptions across Europe.<sup>1</sup> In addition to efforts to manage increasing natural gas demand and improve cooperation between European Union (EU) Member States, the program encourages diversification of supply, infrastructure development, and broader participation in the expanding global liquefied natural gas (LNG) market.<sup>2</sup> This new framework creates opportunities for existing players and new market entrants to develop additional natural gas infrastructure and access previously inaccessible natural gas markets across several regions of Europe.

In formal terms, this Energy Security Package is composed of a series of policy and regulatory initiatives of diverse nature and legal effects, which are to be formally approved and implemented in different ways and by different authorities, partly at the European and partly at national or Member State level.

The Package includes four areas of action<sup>3</sup>:

- a) Security of gas supply: the European Commission proposes a new Regulation (to be approved by the Council and the Parliament) concerning measures to safeguard the security of gas supply, which will replace the current one approved in 2010. As any Regulation, this will be a binding legal instrument imposing identical obligations across the whole EU;
- b) Intergovernmental agreements: the European Commission proposes new rules, to be approved by the Council and the Parliament, imposing obligations on Member State Governments regarding their energy agreements with non-EU countries;
- c) LNG and gas storage: the European Commission presents a Communication, including a series of policy and regulatory initiatives to be developed, and asking Member States and other EU authorities to follow certain policy lines; and
- d) Heating and cooling: the European Commission approves another Communication of similar effect to the previous one but with different content.

<sup>1</sup> European Commission, "Towards Energy Union: The Commission Presents Sustainable Energy Security Package" (Feb. 16, 2016), available at [http://europa.eu/rapid/press-release\\_IP-16-307\\_en.htm](http://europa.eu/rapid/press-release_IP-16-307_en.htm).

<sup>2</sup> European Commission, Fact Sheet: "Liquefied Natural Gas and Gas Storage Will Boost EU's Energy Security" (Feb. 16, 2016), available at [http://europa.eu/rapid/press-release\\_MEMO-16-310\\_en.htm](http://europa.eu/rapid/press-release_MEMO-16-310_en.htm).

<sup>3</sup> Legal texts in full, together with their supporting documents, can be found here: <https://ec.europa.eu/energy/en/news/commission-proposes-new-rules-gas-and-heating-and-cooling-strategy>.

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### LNG Imports Can Diversify EU's Gas Supply Portfolio ...

Increased LNG imports supported by expanding natural gas pipeline and storage infrastructure may have significant commercial and geopolitical ramifications for European LNG importers and global LNG suppliers alike.

As the largest natural gas importer in the world, the EU relies on imports to meet more than half of its annual natural gas demands. In recent years, Russia has emerged as the largest natural gas supplier for the EU, followed by Norway with Algeria as a distant third. Many EU Member States, particularly those in southeastern Europe and the Baltics, depend on a single natural gas supplier. Therefore, these nations are more vulnerable to supply disruptions, particularly during high demand periods like cold weather during winter.

Diversifying natural gas supplies is especially groundbreaking for Eastern and Southern European nations that historically have depended on a single natural gas provider: Russia's state-owned Gazprom. Access to a comprehensive portfolio of gas suppliers around the world, most notably the United States with its impending entrance into the ranks of major LNG exporting nations, strengthens European gas consumers' negotiating positions with Gazprom, leading to possible incremental changes in the European gas market. The ability to develop a portfolio of supply options—in a similar way as Asian utilities have done over decades—will give Europeans greater security of supply. But the EU must develop additional market and physical infrastructure to take advantage of the benefits of LNG imports.

### ... But Only with Development of Physical and Commercial Infrastructure that Allows All EU Member States Access to the Global Gas Market

The Sustainable Energy Security package recognizes that LNG imports can only support EU Member States to the extent that the Members have both physical and commercial infrastructure to integrate natural gas market across Europe. The package recognizes that additional pipelines are necessary to further integrate Europe's physical gas market and proposes additional pipeline investment in Estonia, Romania, Bulgaria, Croatia, Hungary, Lithuania, Poland, France, Spain, and Portugal. Likewise, the package notes that natural gas storage is not distributed widely across the EU, necessitating pipeline connections between nations with natural gas storage capacity and those without access to storage facilities.

In addition to investment in physical infrastructure, the European Commission also addressed political agreements between EU Member States and non-EU countries. The European Commission proposed new rules that would require that the European Commission approve all intergovernmental agreements (IGAs) on energy.<sup>4</sup> The policy would apply to IGAs between one or more EU Member State(s) and non-EU countries. IGAs provide “political and legal support” that can form the basis for commercial negotiations between EU and non-EU nations. Due to the potential impacts of energy IGAs on the EU's internal energy market, the European Commission believes it is necessary to ensure that all IGAs comply with EU law. In the current system, approved in 2010, the European Commission can only object to an IGA after the parties have signed it. Now, recognizing the

<sup>4</sup> European Commission, Fact Sheet: “Intergovernmental Agreements in Energy” (Feb. 16, 2016), [http://europa.eu/rapid/press-release MEMO-16-309\\_en.htm](http://europa.eu/rapid/press-release_MEMO-16-309_en.htm).

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failure of such a compulsory notification method, the European Commission proposes the introduction of a mandatory *ex-ante* compatibility check, forcing Member States to notify the European Commission of their draft IGAs before concluding the IGA.

### Opportunities and Challenges

Most importantly, the Sustainable Energy Security Package will encourage broader access to the global LNG market. Broader market access will lead to competition for European gas customers, which should lead to lower gas prices for consumers. The Baltic States' experience already demonstrates this pattern. Lithuania's Klaipėda LNG import terminal, which began operations in 2014, has encouraged competition among natural gas suppliers for access to Baltic gas customers. Just this month, two gas market participants signed terminal use agreements to receive Norwegian LNG supplies equivalent to up to 50% of Lithuania's gas demand for 2016.<sup>5</sup> Similar infrastructure development across the rest of the EU should encourage similar competition between established market participants and new market entrants alike and should moderate natural gas prices for European gas consumers.

Despite the economic benefits, a number of challenges remain. First, the program's success depends on further integrating European natural gas markets and capital-intensive physical infrastructure. European energy market integration and transparency has proven an elusive goal for more than a decade. Economic conditions, energy supply options, and environmental factors vary significantly across the EU Member States, limiting the effectiveness of EU-wide policy mandates. The program's move toward regional, not EU-wide, energy policymaking is an important step.<sup>6</sup> Funding infrastructure development is another significant obstacle and will require substantial capital investments. But in order to harvest the full benefits of participation in the global natural gas market, EU Member States must continue to integrate their energy markets and physical infrastructure.

Second, participation in the global natural gas market means competing for gas supplies with traditional LNG purchasers like Japan and South Korea, as well as with emerging LNG consumers like China and India. If Asian energy demand increases over the medium and long run, EU Member States could face higher LNG prices, though proximity to U.S. Gulf of Mexico LNG exports should help mitigate against some price spikes in the medium to long term. In fact, representatives of several Central and Eastern European nations have been advocating aggressively with the White House and Congress in Washington, DC, to liberalize the U.S. regulatory approval process for LNG exports.<sup>7</sup> It seems reasonable to expect that some EU gas consumers, including several of those engaging in this U.S. debate, might consider marginal natural gas price increases to be a small cost for supply diversity, particularly if their country historically has been held captive to Russian gas supplies. But participation in the global market means increased exposure to economic and non-economic factors around the world that can affect the price consumers pay for natural gas.

<sup>5</sup> Petras Vaida, *Lithuanian LNG Terminal Is Stimulating Competition*, THE BALTIC COURSE (Feb. 10, 2016), <http://www.baltic-course.com/eng/energy/?doc=116562>.

<sup>6</sup> European Commission, Fact Sheet: "Security of Gas Supply Regulation" (Feb. 16, 2016), [http://europa.eu/rapid/press-release\\_MEMO-16-308\\_en.htm](http://europa.eu/rapid/press-release_MEMO-16-308_en.htm).

<sup>7</sup> See, e.g., "Latvian Minister Addresses LNG Allies," at <http://www.lngallies.com/latvian-minister-addresses-lng-allies/> (Jul. 18, 2015); "In Response to Russian Aggression, Key Central European Nations Plead for U.S. Natural Gas Exports," at <http://www.speaker.gov/press-release/response-russian-aggression-key-central-european-nations-plead-us-natural-gas-exports#sthash.ZIR5vQqp.dpuf> (Mar. 8, 2014).

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This is one more example of the European Commission addressing an important European issue with a “package”; that is, by simultaneously pushing a series of linked legal instruments dealing with the different and interrelated aspects of the matter. In political terms, this method has proven effective in facilitating the debate as a whole, instead of in fragmented and isolated discussions on each of the measures proposed. However, as each one of the measures needs to follow its own path of approval and effective implementation, there have been cases where “packages” as a whole have been delayed or strongly weakened due to Member State resistance to some of the parts of the package. This should not be the case here, but it may be too early in the process to anticipate the terms of each debate.

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