



Rosa Maria Nieto

Asset Management Director, Enagas.

I am in charge of the operation and maintenance of Enagas transport infrastructure that includes four LNG terminals, three underground gas storages, 11,000 km of pipelines and 19 compressor stations.

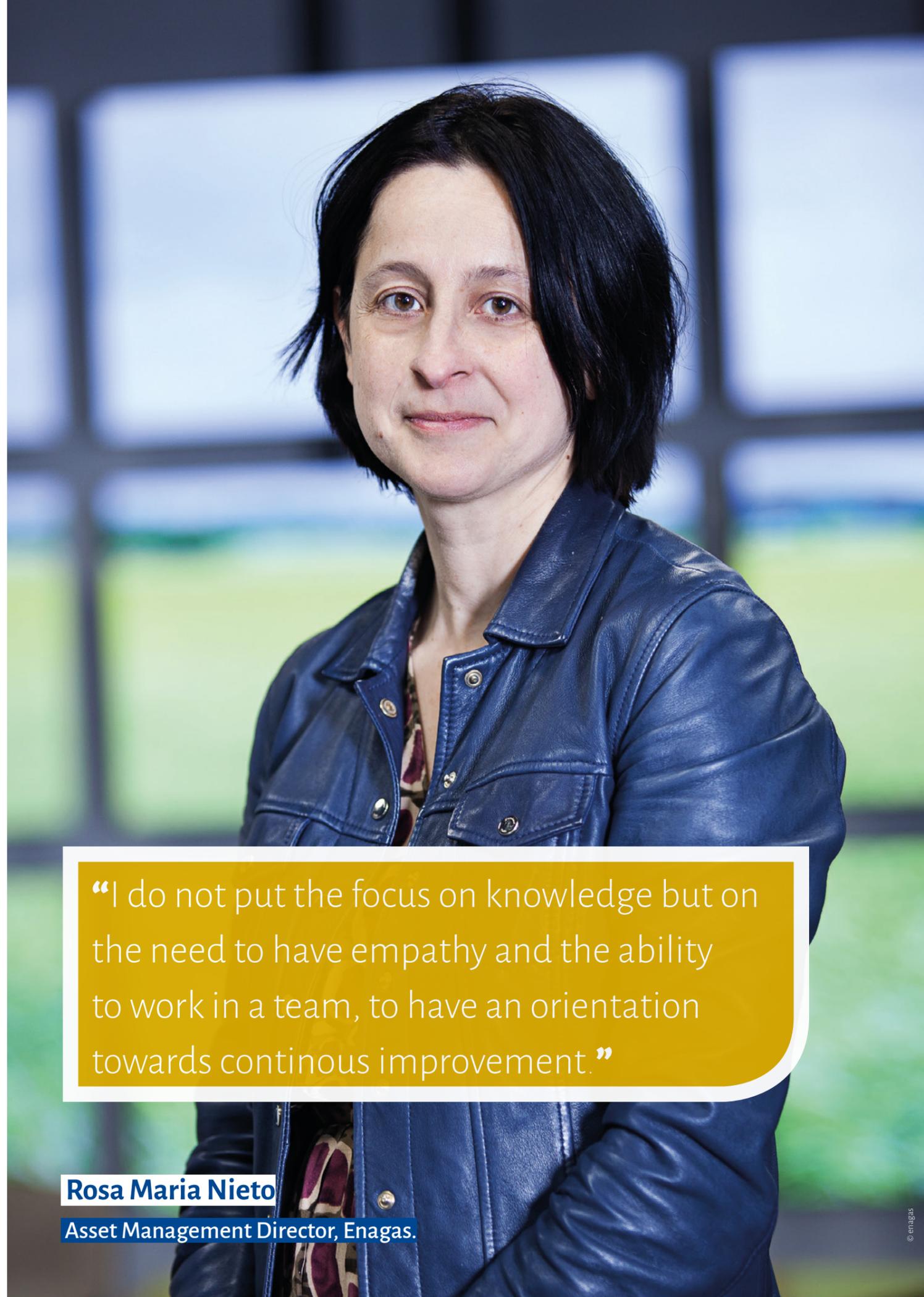
— My background

I joined Enagas in 1994, starting in the underground gas storage department, where I was already in contact with colleagues from the LNG sector, and I have been in my current position since 2015.

— My goals

On a daily basis, my main goals are to safely and efficiently manage the operation and maintenance of the infrastructure, as well as to guarantee its maximum availability in order to ensure the security of energy supply for Spanish customers. Today, Enagas infrastructure accounts for almost 100% of the Spanish gas transmission system. Nowadays, it is also im-

portant to reduce the carbon footprint and to increase the efficiency of our activities. In particular, we are implementing different measures to reduce methane leaks in all the infrastructures along the gas value chain. We work mainly with our Sustainability department in order to evaluate and validate our company's carbon footprint. We started with the detection and repair of methane leaks four years ago and this year, we have implemented a new plan to reinforce the measures and the effectiveness of the reduction efforts. In three years, we aim to reduce our methane leaks to their minimum level, reducing them by 80% to 85%.



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— My projects

My main projects are centered on improving the flexibility and efficiency of our LNG terminals in a competitive manner, adding more services for our clients, while at the same time reducing our carbon footprint.

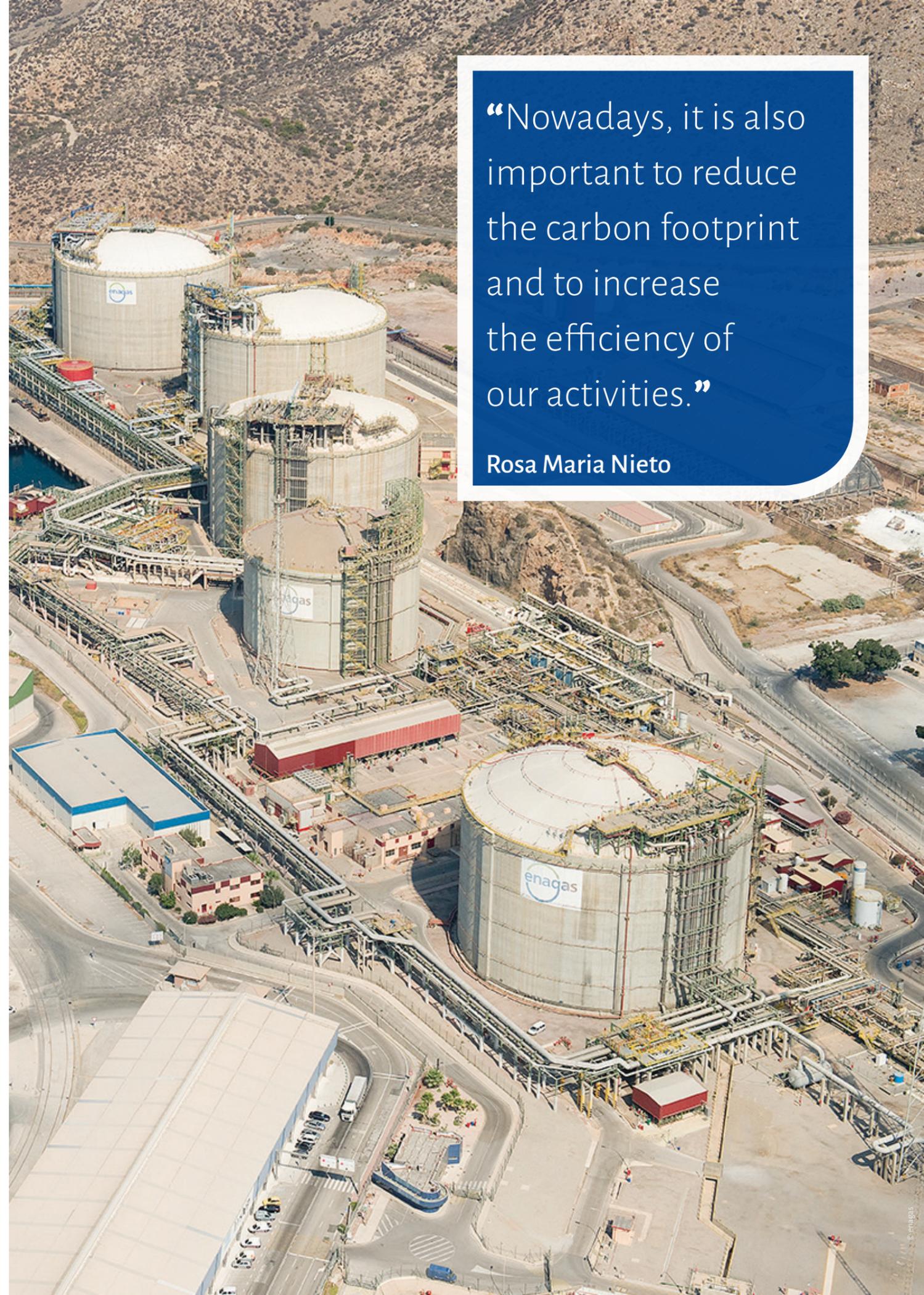
Nowadays, the LNG industry is much more dynamic than it used to be. In the past, LNG terminals only provided large-scale services, such as downloading large ships, regasifying the LNG and sending natural gas to the network. But LNG terminals today are much more than regasification terminals. We are preparing our terminals to simultaneously offer small-scale services like truck loadings, rail, ship bunkering while at the same time downloading large LNG carriers. Our terminals are becoming real logistical hubs. This has translated

even in the wording that we use: terminals which we used to call “regasification” terminals are now called “LNG” terminals.

We are also looking for new ways to increase the efficiency of our LNG terminals. For instance, in Huelva we produce electricity by using a cryogenic power generation system based on a thermodynamic cycle using heat from the seawater and cold from the LNG. In Barcelona and Huelva, we have signed agreements with other industries and we recover the cold for companies which need it for refrigeration uses, for example to produce dry-ice or to liquefy products such as carbon dioxide. In Huelva, there are also many agricultural industries, with which we are trying to develop projects.

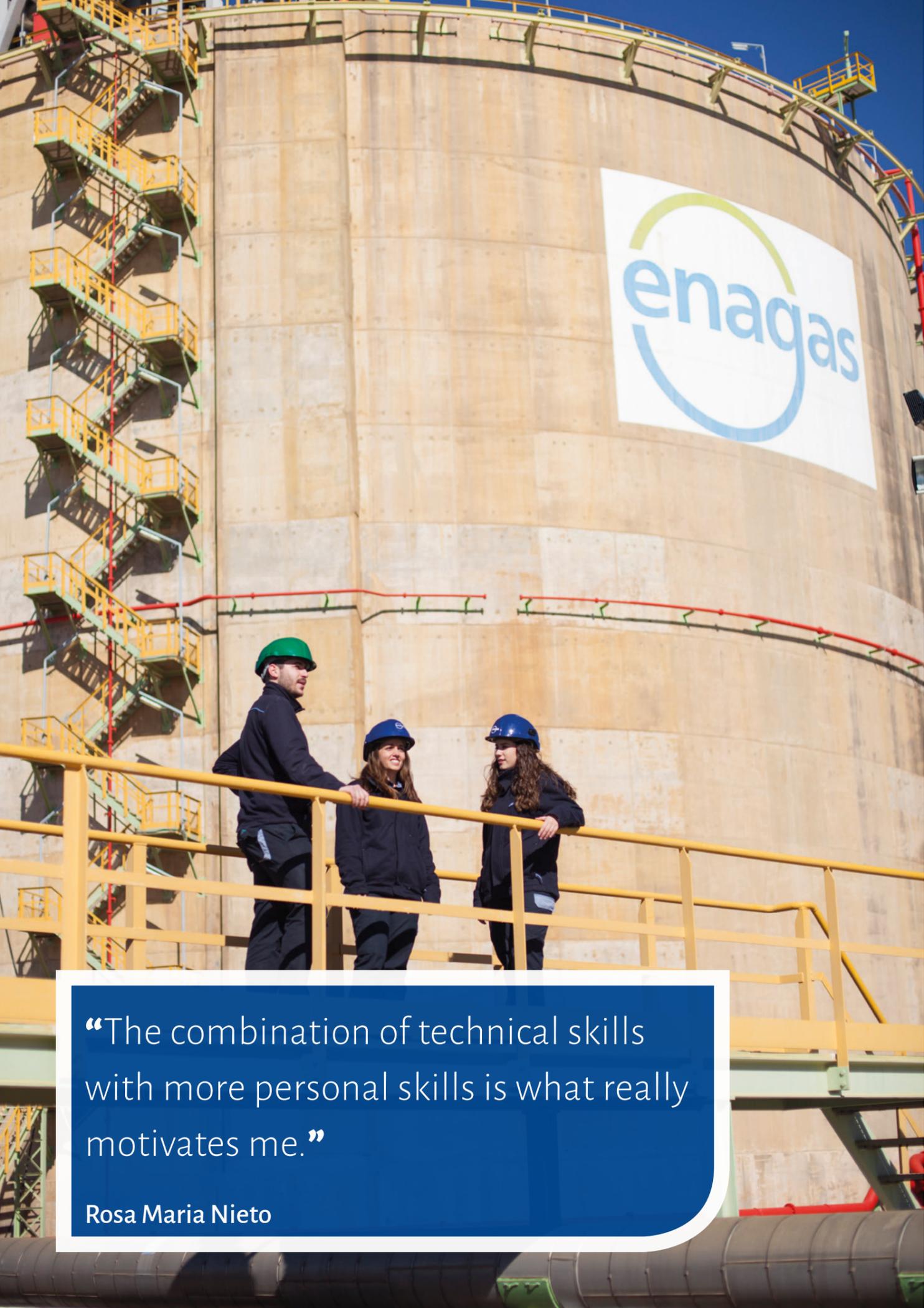
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— What drives me at work

The combination of technical with more personal skills is what really motivates me.

When I started engineering, I really loved all the technical sciences. I wanted to become an engineer. But when you work in a company like Enagas and you achieve a position with high responsibility, you realize that it is much more important to have other skills like empathy, the ability to compromise, the ability to lead team, to innovate...

Sometimes I deliver speeches in conferences with young women and I encourage them to become engineers. Their perception is that engineering is only for people who love mathematics, physics, chemistry and things like that. I do not put the focus on the knowledge but on the need to have empathy and the ability

to work with other people in a team, to have an orientation towards continuous improvement, even in a company like Enagas who has a lot of engineers.

I enjoy being part of a team focused on continuous improvement and who deals with many different matters every day. It is also important that the company promotes the development of new skills and new ways of working. In this sense, I am lucky because the commitment of Enagas is very strong, especially in the area of women. Enagas is supporting initiatives to promote female leadership, training and mentoring programs to identify and promote female talents and the company has received several awards. The company has to put in place the framework to be able to promote all these skills.

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— What I enjoy most

I enjoy when my teams propose a new project, engage with a project. Encouraging my teams to suggest new ideas and to do their best and supporting them is what I really like most.

— One last word...

“LNG offers a lot of amazing opportunities for young generations. Besides the more traditional uses of natural gas, a lot of opportunities such as small-scale, LNG as a fuel for ships, trucks, trains are arising. There are also many opportunities to improve efficiency and, more generally to contribute to the transition to a decarbonized economy in which natural gas has an important role to play.”



Inspiring Women in LNG is a GIIGNL initiative to promote gender diversity in the LNG industry and its decision-making circles.

More inspiring stories on:
<https://giignl.org/inspiring-women-lng>



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