

## **NAAREA Partners with QGEMS to Revolutionize Energy Management Across Multiple Sectors**

Paris, France – January 9, 2025 - NAAREA, a leading nuclear energy innovator based in Paris, today announced a strategic partnership with QGEMS, a global energy management platform provider. This collaboration aims to integrate QGEMS' advanced energy management system to optimize NAAREA's energy production and distribution (both electricity and heat), set to commence in 2025, while also extending its applications to data & AI centers, commercial properties, industrial facilities and remote territories.

The partnership marks a significant step in NAAREA's mission to revolutionize the clean energy landscape. By leveraging QGEMS' cutting-edge platform, NAAREA will enhance the efficiency and reliability of its energy operations, ensuring seamless integration into the broader energy grid and various sectors.

"As we prepare to bring our energy production online, partnering with QGEMS was a natural choice," said Jean-Luc Alexandre, CEO of NAAREA. "Their expertise in energy management aligns perfectly with our goal of delivering clean, reliable energy solutions across multiple industries. This collaboration will allow us to optimize our energy production and distribution, maximizing the impact of our technology."

### **Key benefits of the NAAREA-QGEMS partnership include:**

- Real-time monitoring and optimization of energy production
- High fidelity tracking and attribution of energy including sources, renewables, and sovereignty
- Enhanced grid integration capabilities
- Improved demand forecasting and supply management
- Advanced analytics for operational efficiency
- Green hydrogen production capabilities at a very competitive price
- A full command and control software ecosystem providing the highest levels of data and device security, ID verification, and granular system checks and balances
- Tailored solutions for data & AI centers, accelerating the next wave of nuclear to power AI innovation
- Significant energy optimization for commercial properties, industrial facilities, and remote off grid territories.

The partnership will address critical energy management needs across various sectors:

### **Data & AI Centers:**

- Implementation of AI and machine learning for predictive maintenance and dynamic power management
- Optimization of cooling systems to reduce energy consumption
- Integration with virtualization technologies for improved server efficiency
- Strong resilience of power supply through energy on-site production

### **Commercial Properties:**

- Deployment of smart energy systems using IoT and AI for real-time adjustments
- Seamless integration with renewable energy sources
- Enhanced building management systems for comprehensive energy control

### **Industrial Facilities:**

- Implementation of digital twin technology for optimized energy consumption and distribution



- Smart contract integration for automated energy management processes
- Competitive green hydrogen production for advanced energy storage and e-fuel production

Gordon Winston, CEO of QGEMS, expressed enthusiasm about the partnership: "We are thrilled to work with NAAREA on this groundbreaking project. Our energy management platform is designed to handle the complexities of emerging energy sources such as hydrogen and optimize energy use across various sectors. This collaboration showcases the potential of combining innovative nuclear technology with advanced energy management systems to drive efficiency and sustainability across industries. This, combined with our growing project financing capabilities, will accelerate the integration, aggregation, and orchestration of distributed energy resources and intelligent Virtual Power Plant deployments".

The integration of QGEMS' platform is already underway, with full implementation expected to coincide with the launch of NAAREA's energy supplying offer in 2025. This partnership is poised to set new standards in the clean energy sector, demonstrating the power of collaboration in addressing global energy challenges and optimizing energy use across multiple industries.

The parties agreed to address, as a first step, the UK and US markets. These mature markets will enable NAAREA and QGEMS to reap the maximum benefit from this partnership. European markets will be addressed as a second step.

#### About NAAREA:

NAAREA is a Paris-based company at the forefront of 4<sup>th</sup> generation nuclear energy innovation. With a focus on developing safe & secure, efficient, and sustainable energy solutions, NAAREA is committed to shaping the future of clean energy production and distribution across multiple sectors.

#### About QGEMS:

QGEMS is a leading provider of advanced energy management platforms. Their solutions enable efficient integration and optimization of diverse energy sources, supporting the transition to a more cost-effective, sustainable, and resilient energy future in data centers, commercial properties, and industrial facilities.

For more information, please contact:

NAAREA : [l.leveque@naarea.fr](mailto:l.leveque@naarea.fr)

QGEMS : [info@qgems.energy](mailto:info@qgems.energy)