# WORLD NUCLEAR SUPPLY CHAIN

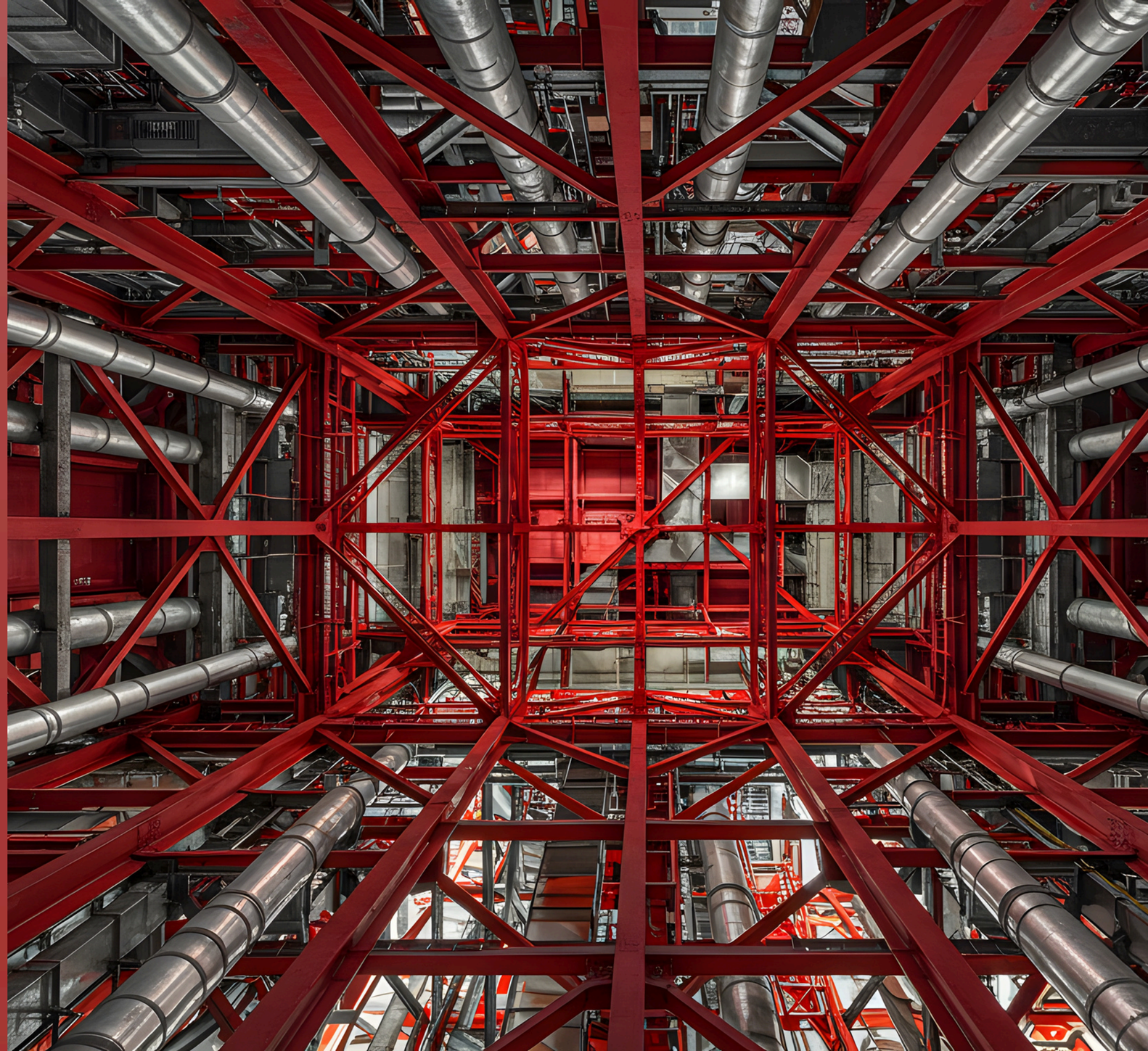
A Joint Event With

**PHILIPPINE INTERNATIONAL NUCLEAR ENERGY FORUM**

# In Review

**Shaping the future of the global nuclear supply chain**

20-21 October 2026
Manila, Philippines



# Executive Statement



Dr Sama Bilbao y León
Director General
World Nuclear Association

Nearly 25% of the global nuclear ambition among newcomer countries is in ASEAN. That represents a significant opportunity for the global nuclear supply chain, as countries across the region move at different speeds towards nuclear deployment, creating demand for the expertise, investment, industrial capacity and partnerships needed to turn national plans into projects. World Nuclear Supply Chain 2026 brought the international industry together in Manila to explore how we can respond to this opportunity and help make it a reality.

Across the combined World Nuclear Supply Chain Conference 2026 and Philippine International Nuclear Energy Forum 2026, discussions moved from regional demand and national roadmaps to the practical requirements for deployment. Leaders explored how countries can strengthen regulatory readiness, develop skills, mobilise investment, build manufacturing capacity and establish the partnerships needed to deliver projects. We examined international experience, new approaches to project delivery and financing, opportunities for local industry, and how regional cooperation can help create a stronger pipeline of projects.

When we meet again in 2027, we want to learn from tangible progress. Projects advancing towards construction and developing into programmes. Regional companies qualifying to participate in the global nuclear supply chain. Investment in the capabilities, people and manufacturing capacity needed to deliver all these projects. And stronger partnerships connecting ASEAN markets with international expertise and experience.

The opportunity is not simply to build nuclear power plants, but to establish the industrial capabilities and lasting relationships that will support nuclear programmes for decades to come, thus powering the socio-economic growth, energy security and decarbonization of the ASEAN region. Thank you to the Philippine Department of Energy, ASEAN Center for Energy, our speakers, our sponsors and partners, and all the delegates for making these two days such a valuable convening point for the global nuclear industry. Let’s turn ambition into action, together. I look forward to continuing this work with you at World Nuclear Supply Chain 2027 in Stockholm.

# WNSC 2026 in Numbers

## Community

**330+** Delegates

**130+** Organizations

**20** Countries

**182** B2B Meetings

arranged using our event app

## Industry Sectors of Delegates

**25%** EPCs/constructors, manufacturers and service companies

**10%** Operators and developers

**34%** Government bodies and investors

# News Coverage of WNSC 2026

## Coverage

**73** Media mentions

**23.6M** Potential reach

**2M** Average daily reach

## Countries

**6** Countries covering the event

United States - 32.9%
Philippines - 28.8%
Canada - 27.4%
Malaysia - 4.1%
United Kingdom - 1.4%

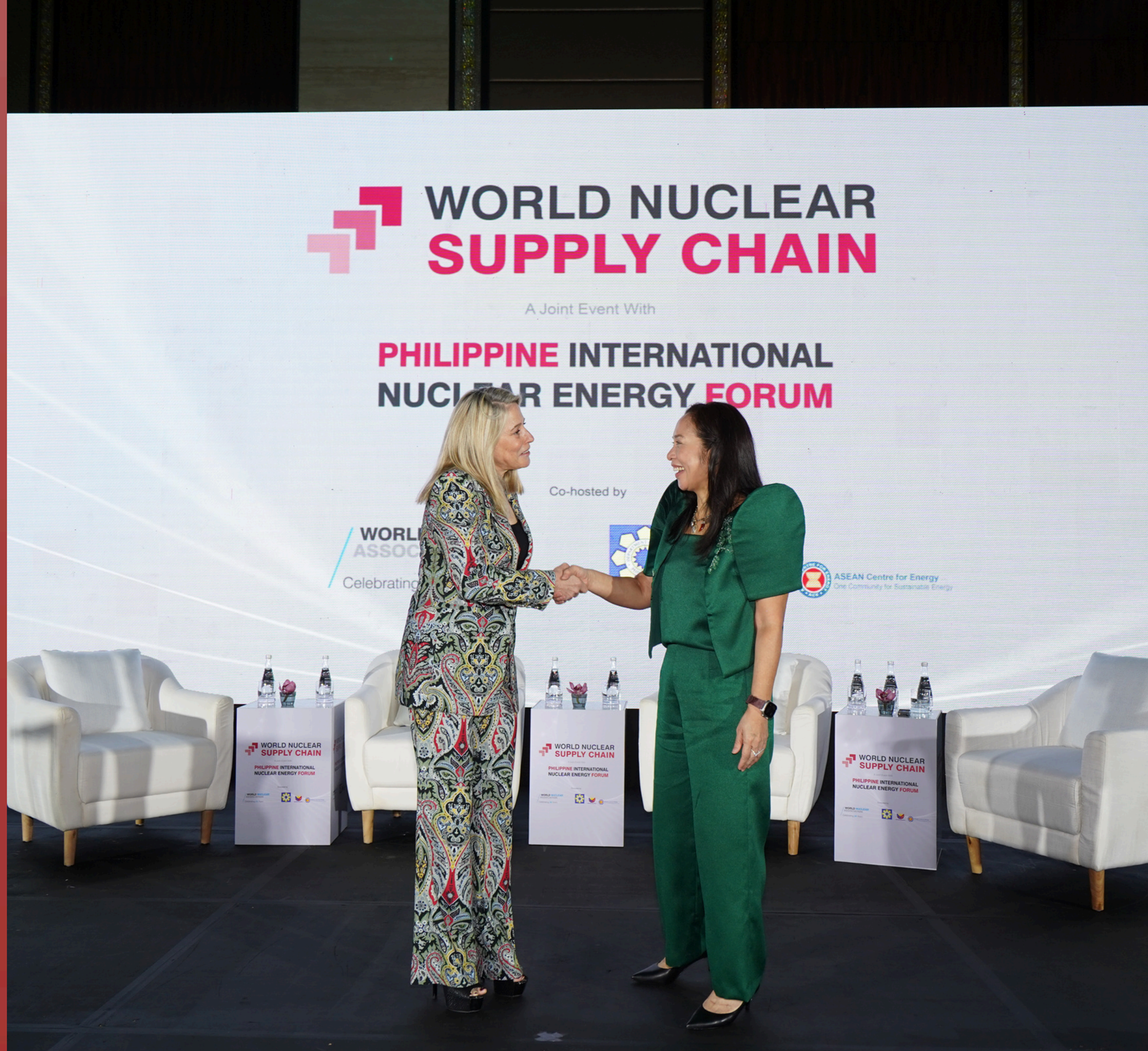
Others - 5.4%

Media monitoring, 12–23 October 2026

# World Nuclear Supply Chain

## Key Highlights

WORLD NUCLEAR SUPPLY CHAIN

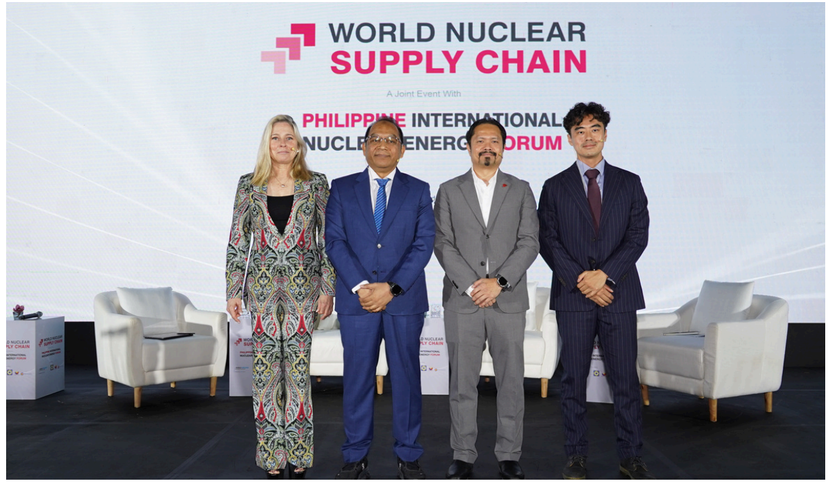




**Opening Keynote: The Philippines on the Road to Nuclear Power**
Hon. Sharon Garin, Secretary, Department of Energy, Republic of the Philippines



**Scaling Nuclear Together: Opportunities and Challenges**
Dr Sama Bilbao y León, Director General, World Nuclear Association




**ASEAN: Regional Pathways to Nuclear Readiness**
Moderator - Dr Sama Bilbao y León, Director General, World Nuclear Association;
Dato' Ir. Ts. Abdul Razib Dawood, Executive Director, ASEAN Centre for Energy; Ir. Ts. Dr Shamsul Amri bin Sulaiman, Chief Technology & Engineering Officer, TNB Genco; Yinglun Teng, Energy Analyst, International Energy Agency Regional Cooperation Centre




**From Roadmap to First Contract: Delivering Nuclear in the Philippines**
Moderator - Dr Sama Bilbao y León, Director General, World Nuclear Association;
Patrick T. Aquino, Director of the Energy Utilization Management Bureau, Department of Energy, Republic of the Philippines; Emmanuel V. Rubio, President and CEO, Meralco PowerGen Corporation (MGEN); Nicole Yazon, Vice President for Strategy, Aboitiz Power Corporation

# In 30 seconds - Day 1

Nuclear ambitions are growing across the ASEAN region, creating a significant opportunity for the global nuclear supply chain.

The challenge is moving from national roadmaps to investment-ready projects, with clear policies, capable institutions and long-term commitment.

The Philippines is advancing plans for nuclear power, targeting 4,800 MWe by 2050 and preparing the foundations for project delivery.

Across Southeast Asia, regional cooperation can accelerate nuclear readiness through aligned regulatory approaches, standards, skills and financing.

**Scan or click here to view the full summary**




**ASEAN Nuclear Deployment Pathways: Collaborative Opportunities Across the Value Chain**
Moderator - King Lee, Head of Policy and Industry Engagement, World Nuclear Association;
Dr Ming Tan, Global Practice Leader - Nuclear, Mott MacDonald, Dr Vallerie Ann I. Samson, Director, Philippine Nuclear Research Institute (PNRI); Sheriffah Noor Khamseah Al-Idid, Consultant Nuclear Power, Venture Capital & Innovation Global Network Ambassador, World Nuclear Energy Day (WNED) - Malaysia




**What Makes Programmes Succeed: Key Success Factors for Nuclear Deployment**
Moderator - King Lee, Head of Policy and Industry Engagement, World Nuclear Association; Hon. Jeremy Harrison, Minister of Crown Investments Corporation, Government of Saskatchewan; Rhiannon Harries, Deputy Trade Commissioner, UK Department for Business, Innovation, Science and Trade; Osamu Onodera, Director General for International Affairs, Agency for Natural Resources and Energy, Ministry of Economy Trade and Industry, Japan



**Championing Nuclear and Building Support**
Moderator - King Lee, Head of Policy and Industry Engagement, World Nuclear Association;
Hon. Mark Cojuangco, Representative, District of Pangasinan, House of Representatives, Republic of the Philippines




**Mobilising New Build Programmes**
Moderator - Nathan Paterson, Senior Programme Lead on Supply Chain, World Nuclear Association;
Dr Mohammed Dwiddar, Advisor to the Board Chairman for Nuclear Projects Nuclear Power Plants Authority (NPPA), Egypt; Sang-won Shin, General Manager, Korea Hydro & Nuclear Power (KHNP); Dr Benjamin Sauer, Partner McKinsey & Company

# In 30 seconds - Day 1

Developers and investors need predictable policies, credible offtake arrangements and effective regulation to make first projects investable.

Building workforce capability, qualifying suppliers and investing in manufacturing capacity must begin well before construction.

International experience shows that successful programmes depend on early preparation, standardization, realistic delivery models and sustained government support.

Opportunities extend across the value chain, from new build and localization to manufacturing, long-term operation and fleet refurbishment.

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**Pathway to First Concrete: Delivering Nuclear in Vietnam**
Moderator - King Lee, Head of Policy and Industry Engagement
World Nuclear Association,
Nguyen Huu Huan, Deputy Manager, Economic and Planning Department,
Ninh Thuan Nuclear Power Projects Management Board of Viet Nam Electricity;
Dmitry Raspopin, Director, ROSATOM Vietnam




**Sustaining the Existing Nuclear Fleet: Benefits Through the Value Chain**
Moderator - Nathan Paterson, Senior Programme Lead on Supply Chain, World Nuclear Association;
Nagesh Basarkar, Founder, Chairman & Managing Director, CORE Energy Systems Limited, India; Fiaz Jadoon, Director, Economic Development & Strategic Projects, City of Pickering, Canada



**ASEAN Nuclear Energy Cooperation**
Moderator - King Lee, Head of Policy and Industry Engagement, World Nuclear Association;
Rully Hidayatullah, Senior Officer, ASEAN Centre for Energy




**Day One in Review: The Demand Signal, Insights and Takeaways**
Dr Sama Bilbao y León, Director General, World Nuclear Association;
Hon. Giovanni Carlo J. Bacordo, Undersecretary, Department of Energy,
Republic of the Philippines

# In 30 seconds - Day 1

Stronger collaboration between governments, developers, suppliers, financiers and regional partners is essential to turn growing demand into deliverable projects.

Explored the details of Vietnam's Ninh Thuan nuclear power project, looking at its plans, ambitions and path towards implementation.

Learnings from the first day are that ASEAN is moving towards nuclear but at different speeds, and early supply-chain engagement is key to turning regional ambition into a pipeline of projects.

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**Deployment Mobilisation: Turning Ambition into Delivery**
Dr Sama Bilbao y León, Director General, World Nuclear Association;
Hon. Mario C. Marasigan, Undersecretary, Department of Energy, Republic of the Philippines




**Delivering Sector Growth: What Top-Performing Projects Do Differently**
Moderator - Dr Sama Bilbao y León, Director General, World Nuclear Association;
Jack Haberman, Operations Manager, Leighton; Ricardo Moreno Escudero Business Development VP, Commercial Director, and Deputy Director Nuclear Engineering Services, Empresarios Agrupados - GHESA; Mark Lunn, Chief Engineer, International Energy Programmes, Amentum



**Derisking Nuclear Deployment Through International Collaboration**
Moderator - King Lee, Head of Policy and Industry Engagement, World Nuclear Association;
Jeffrey Miller, Senior Vice President of Business Development, TerraPower; Masanori Ijichi, Division Director of Nuclear Power Plant Project Center, IHI Corporation; Carlos Leipner, Senior Energy Executive, Sargent & Lundy's Nuclear Power Group




**Supplier Strategies for Global Nuclear Markets**
Moderator - Nathan Paterson, Senior Programme Lead on Supply Chain, World Nuclear Association;
Adrian Davies, Vice President, Supply Chain Management, Candu Energy Inc., an AtkinsRéalis Company; Andy Fry, Global Supply Chain Development Leader, GE Vernova; Nik Nor Zafirah Yusoff Affendi, Senior Manager, Capital Projects and Infrastructure, PwC Malaysia

# In 30 seconds - Day 2

On the second day, focus shifted from growing nuclear ambition to mobilising the supply chain to deliver.

Governments must establish the regulatory frameworks, workforce capabilities and infrastructure needed to turn national plans into projects.

Successful delivery starts early, with clear business cases, proven designs, realistic schedules and collaborative contracting.

Standardisation, modularisation and multi-unit programmes can improve project economics and create more repeatable delivery models.

A robust supply chain is essential to credible project costs and schedules, requiring investment in manufacturing capacity ahead of demand.

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**Nuclear Afloat: Floating Power for Island and Coastal Markets**
Moderator - King Lee, Head of Policy and Industry Engagement, World Nuclear Association;
Dmitry Raspopin, Director, ROSATOM Vietnam



**Financing Nuclear Projects**
Moderator - King Lee, Head of Policy and Industry Engagement, World Nuclear Association;
George Borovas, Partner, Hunton Andrews Kurth; Shigeru Yamamura, Principal Energy Specialist Southeast Asia and the Pacific, Energy Sector Office, Asian Development Bank; Bipul Singh, Philippines Energy Program Coordinator, East Asia and Pacific Region, World Bank Group



**Manufacturing Readiness for the Nuclear Pipeline**
Moderator - Nathan Paterson, Senior Programme Lead on Supply Chain, World Nuclear Association;
Stefan Wingerath, VP Nuclear, Velan; Ramon Gasull, Head of Sales, TÜV SÜD Energietechnik; Pascal Montel, Global Nuclear Sales Director, Celeros Flow Technology; Saptarshi Chakraborty, Deputy General Manager- Marketing & Business Development, Larsen & Toubro Limited - L&T Heavy Engineering




**From Projects to Programmes: Nuclear Industrial Strategies**
Moderator - Nathan Paterson, Senior Programme Lead on Supply Chain, World Nuclear Association;
Jeremy Stain, Nuclear Business Leader, Arup; Andy Fry, Global Supply Chain Development Leader, GE Vernova; George Borovas, Partner, Hunton Andrews Kurth

# In 30 seconds - Day 2

International collaboration can reduce risk through shared regulatory approaches, supplier mapping, skills development and cross-border partnerships.

Localisation must build lasting industrial capability, connecting domestic suppliers to international markets and global nuclear standards.

Financing remains a critical challenge, with project readiness, risk allocation and long-term revenue models central to unlocking capital.

The opportunity is significant: nearly 25% of the nuclear ambition among newcomer countries globally is in ASEAN.

Turning this ambition into projects will require early engagement, stronger regional cooperation and sustained partnerships between governments, developers, suppliers and investors. It will require all of us.

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# Technical Tour of Bataan Nuclear Power Plant

Delegates had the opportunity to visit the Bataan Nuclear Power Plant, gaining a unique perspective on the Philippines' nuclear history and its ambitions for future deployment.

The visit offered valuable insights into the challenges and opportunities of nuclear development, connecting conference discussions with a real-world site and its legacy.

Supported by the Philippine Department of Energy, the tour reinforced the importance of learning from past experience as the country prepares for its next chapter in nuclear energy.

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# Engage






WORLD NUCLEAR ASSOCIATION
WORLD NUCLEAR SUPPLY CHAIN






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# Media

World Nuclear Supply Chain 2026 drew strong media interest across the Philippines and beyond, with coverage from leading national titles, regional outlets and specialist energy press.

world nuclear news

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## Philippines advances plans for nuclear power as energy demand rises

By Warwick Pipe

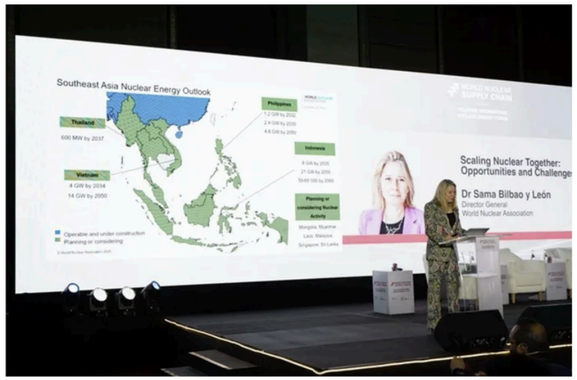
World Nuclear News, in Manila

Tuesday, 20 October 2026




## Southeast Asia Steps Up Nuclear Energy Plans Amid Investment and Supply Chain Challenges

Duane Dizon · October 20, 2026 · 0 · 2 minutes read




## Korean study finds promise in Bataan nuclear site – Garin

World · 21 Oct 2026 • 1:37 AM MYT

The Manila Times
One of the longest-running English broadsheets in the Philippines



## PH electricity demand seen to spike in 2027 due to El Niño

The Manila Times
One of the longest-running English broadsheets in the Philippines



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## Viewpoint: Unlocking ASEAN's nuclear potential - a case for regulatory convergence on SMRs

Friday, 16 October 2026



MANILA BULLETIN

Philippines · World · Business · Opinion · Lifestyle · Entertainment · Sports · MB126

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## DOE projects surge in Philippines power demand by 2027 amid El Niño

By Manila Bulletin Newsroom

Published Oct 20, 2026 01:56 pm



# Media

World Nuclear Supply Chain 2026 drew strong media interest across the Philippines and beyond, with coverage from leading national titles, regional outlets and specialist energy press.

BusinessWorld

## BNPP sale option floated pending completion of feasibility study

October 20, 2026 | 8:47 pm



wnn world nuclear news

## ASEAN nations assessing nuclear energy option

By Warwick Pipe

World Nuclear News, in Manila

Wednesday, 21 October 2026



Wednesday, October 21, 2026

Manila Standard

NEWS · OPINION · BUSINESS · SPORTS · SHOWBIZ · LIFESTYLE · SPOTLIGHT · SPECIAL PAGES

BUSINESS | ENERGY Last updated October 20, 2026, 5:28 PM

## Reviving Bataan nuclear plant viable, says Korean study



2:06 PM Wed, Oct 21, 2026

CONSUMER PRODUCTSASIA

Provided by AGP

## Ministers Promote Saskatchewan's Leadership in Nuclear Energy, Mining and Agriculture in Philippines and Japan

CANADA, October 16 - Released on October 16, 2026

ABS-CBN

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News

## Philippines targets 1.2 MW of nuclear power by 2032

Izzy Lee, ABS-CBN News

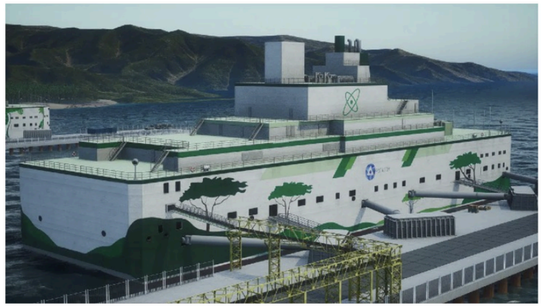
Published October 20, 2026 01:26 PM PHT

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## Rosatom signs floating nuclear power deal for Indonesia

Monday, 19 October 2026



Oct 21, 2026 INQUIRER.NET Today's Paper

HEADLINES / FEATURED

## Marcos admin open to selling Bataan nuclear power plant

By: Lisbet K. Esmael - Reporter / @lisbetesmael Philippine Daily Inquirer / 02:07 AM October 21, 2026



## Nuclear energy and economic resilience

October 26, 2026 | 6:53 pm



## My Cup Of Liberty

By Bienvenido S. Oplas, Jr.




Saskatchewan takes uranium, agriculture pitch to Asia

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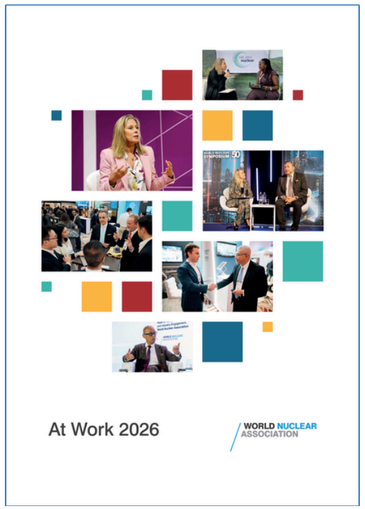






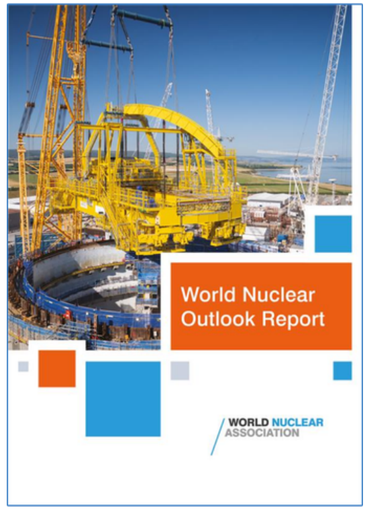
# Resources

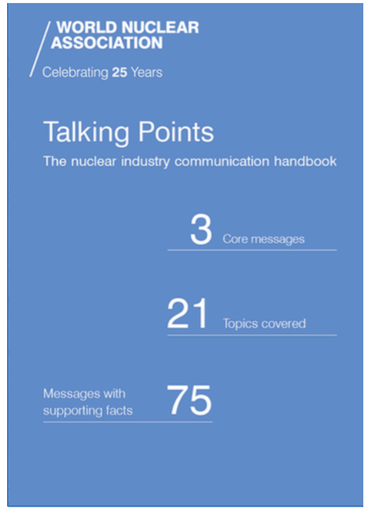
Continue the conversation beyond World Nuclear Supply Chain 2026 with World Nuclear Association's latest resources, insights and content.

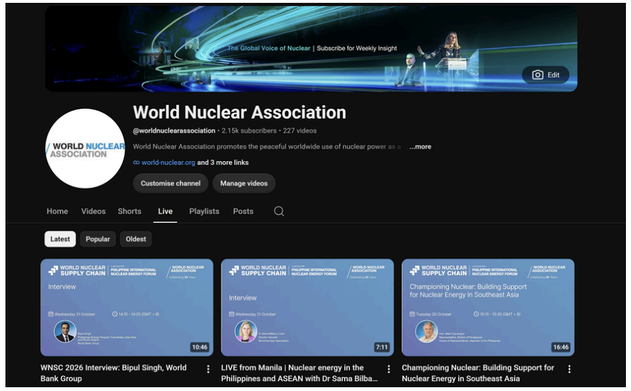


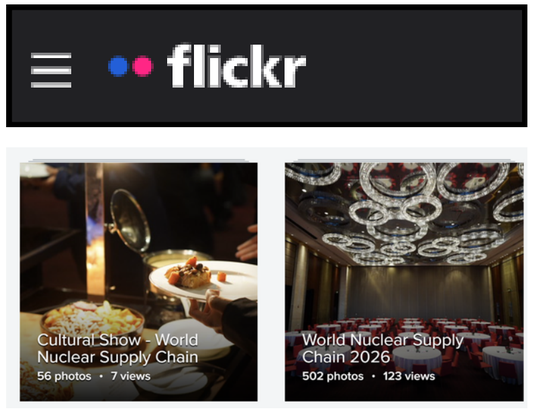


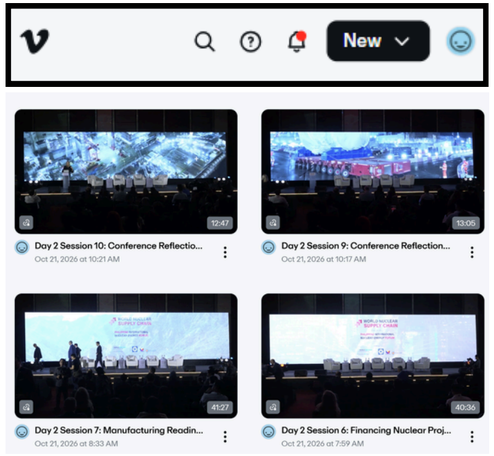




# WORLD NUCLEAR SUPPLY CHAIN

# 2027

**Register your interest**

15 - 16 June
Stockholm, Sweden



# Coming up

WORLD NUCLEAR FUEL CYCLE

20 - 22 April 2027
Tokyo, Japan

WORLD NUCLEAR UNIVERSITY
Established 2003

Summer Institute
30 May - 3 July 2026, South Africa

WORLD NUCLEAR SUPPLY CHAIN

15 -16 June 2027
Stockholm, Sweden

WORLD NUCLEAR SYMPOSIUM

8 - 10 September 2027
London, UK