

TERRA
PRAXIS

BUILDING THE MARKET FOR CLEAN ENERGY

ANNUAL REVIEW 2025



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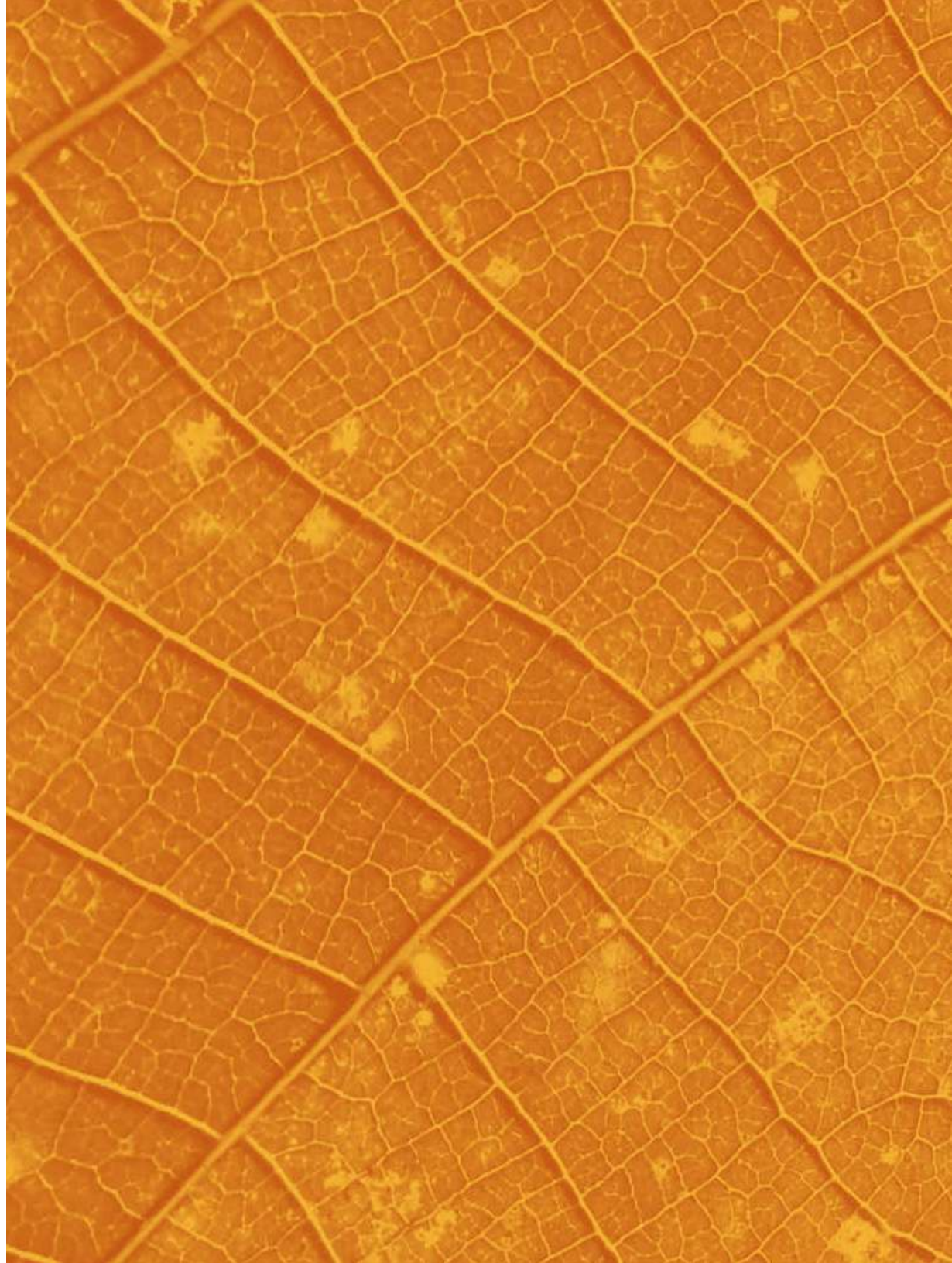
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2025 YEAR IN REVIEW

Terra Praxis envisions a world where affordable, reliable, and clean energy is universally accessible—empowering people while protecting nature.

A MESSAGE FROM OUR CO-FOUNDERS

Dear friends,

In January 2025, nuclear energy broke through at Davos—in the corridors and on the main stage. For the first time in the World Economic Forum’s history, a public session on nuclear energy was convened—designed and chaired by Terra Praxis. That moment captured something larger: nuclear is no longer a niche conversation. It has become central to the global energy agenda.

The political architecture for nuclear energy shifted decisively in 2025, and Terra Praxis was at the forefront of that shift. We co-planned the Nordic-Baltic Nuclear Investment Summit in Stockholm—the first government-level summit dedicated to nuclear expansion in the region—where seven ministers committed to coordinated action. The Asian Development Bank and World Bank reversed long-standing restrictions on nuclear financing, unlocking billions in development capital. We expanded into Asia—home to 75% of the world’s coal plants—convening our fifth REPOWER Retreat at Microsoft’s Technology Center in Singapore.

The tools we’ve developed are delivering real-world results. Our AI licensing tool—built with Microsoft—is compressing permitting timelines from years to weeks in live deployments. Fermi America used the tool to submit a license application in 75 days; the same process would normally take more than a year. In March 2026, Aalo Atomic announced a 92% reduction in time to produce their license application using the tool. Our Project Phoenix digital tools, funded by the U.S. Department of State, can assess a brownfield coal site and generate an optimized nuclear conversion design in days. Thirteen Ukrainian priority sites have already been analyzed.

The preconditions for lift-off are converging. Our Ten-Terawatt Initiative provides the roadmap: 10 terawatts of clean, firm power by 2040—enough to eliminate coal-for-power worldwide and generate unprecedented economic growth without emissions. We have defined the conditions necessary for nuclear to serve nearly 700 GW of accessible industrial market demand by 2050, a \$500 billion to \$1.5 trillion investment opportunity. The question is not whether nuclear can technically serve this market—it can. The question is whether we act with the speed this moment demands.

Your support is what makes acting with urgency possible.

With gratitude,

Kirsty Gogan & Eric Ingersoll

The background of the top half of the slide is a close-up photograph of wood grain, showing intricate, swirling patterns in shades of brown and tan. A large, solid, light-brown question mark is positioned on the left side, partially overlapping the wood grain. The text 'OUR STRATEGY' is centered in the middle of the slide in a bold, white, sans-serif font.

OUR STRATEGY

**Terra Praxis innovates and accelerates
scalable, equitable solutions to repurpose
the largest sources of global emissions.**

ABOUT TERRA PRAXIS

Terra Praxis is a global nonprofit committed to universal access to affordable, reliable, and clean energy that empowers people and protects nature. Powered by philanthropy, we innovate and accelerate scalable, equitable solutions to repurpose the largest sources of global emissions—coal-for-power, industrial heat, aviation, and heavy transport—supplying reliable, affordable, and emissions-free power, heat, and steam from mass-manufactured advanced nuclear reactors.

OUR APPROACH

INDEPENDENT THOUGHT LEADERSHIP:

Terra Praxis innovates viable solutions to unsolved areas of the climate and energy challenge.

STAKEHOLDER-BASED SOLUTION DEVELOPMENT:

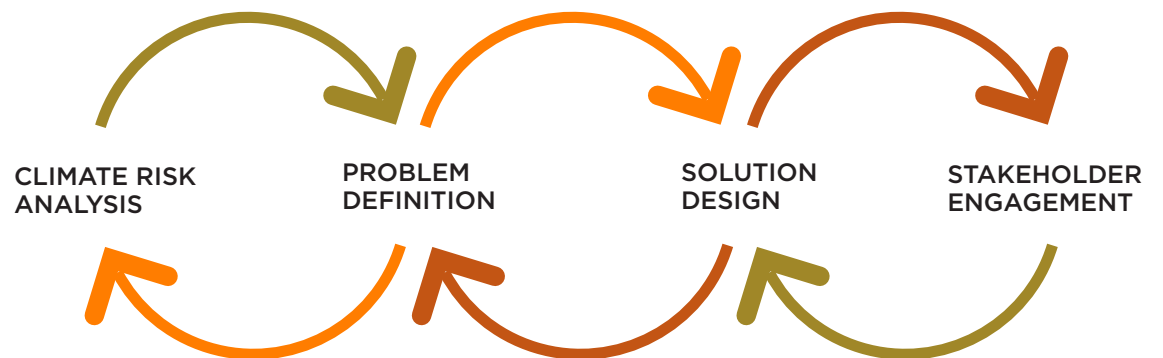
We apply a stakeholder-based design process with governments, regulators, academics, industry, and nonprofits to meet the cost, speed, scale, and supply chain requirements of the global transition to clean energy.

SOLUTIONS-BASED ADVOCACY:

Terra Praxis advocates for solutions that are transformative, pragmatic, and impactful.

OUR METHOD

Terra Praxis operates at the intersection of analysis, convening, and deployment. We identify the conditions that prevent clean energy solutions from scaling, design the tools and frameworks to meet them, and convene the stakeholders needed to act. Our work moves from white papers to working tools to real-world deployments—advancing the entire system, not just one part of it.



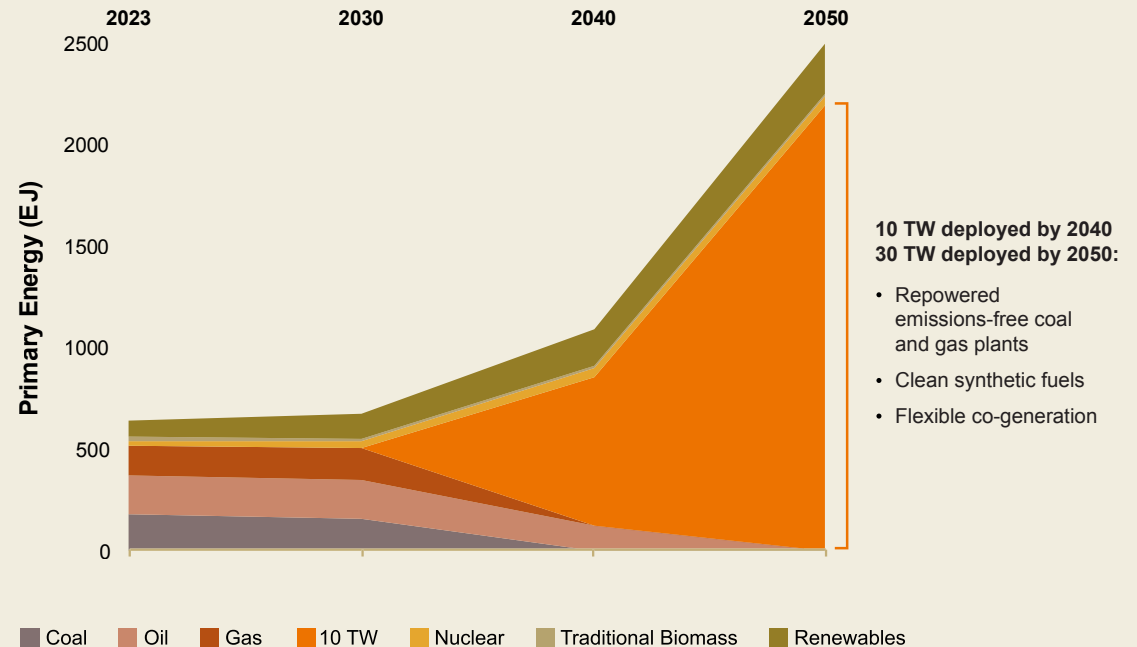
THE MARKET OPPORTUNITY

The nuclear energy industry stands on the threshold of extraordinary growth—not the incremental kind the sector has hoped for in the past, but transformational expansion that could reshape global energy markets. Our analysis for Urenco identifies nearly 700 GW of accessible industrial market demand by 2050—approximately 2,300 reactors serving data centers, chemicals, sustainable aviation fuels, and coal repowering. This represents between \$500 billion and \$1.5 trillion in investment opportunity.

Major industrial energy users are already making commitments: Microsoft partnering with Constellation to restart Three Mile Island, Google working with Kairos Power for deployment by 2030, Dow Chemical planning SMRs at its Texas facility. But under current delivery approaches, the nuclear industry is on track to deploy less than 10 GW globally by 2050—less than 2% of the accessible market. Industrial customers require fixed-price contracts, predictable schedules, and proven performance—requirements that traditional construction-based delivery cannot meet.

The transformation happens when nuclear energy shifts from construction-based to manufacturing-based delivery. Korean shipyards already demonstrate the capacity to build 10 – 20 nuclear-capable vessels annually. Full mass manufacturing—applying design-for-manufacturing principles from aerospace and automotive—could reach 700 GW at \$40 – 70/MWh, making nuclear energy competitive with natural gas without policy support. Achieving this requires coordinated progress across six critical drivers: delivery innovation, regulatory evolution, economic viability, site availability, capital access, and a mature developer ecosystem.

Thirty terawatts of new reliable clean energy are required to meet growing energy demand and ensure all communities can access the full benefits of modern energy services.



THE TEN-TERAWATT INITIATIVE

The Ten-Terawatt Initiative (TTI), launched at the World Economic Forum Annual Meeting in Davos on January 21, 2025, is a comprehensive strategy to enable the deployment of 10 TW of low-cost, clean, firm power by 2040, and an additional 20 TW by 2050—without requiring subsidies.

The TTI is a fundamental redirect for our global energy system: maximize the use of existing infrastructure, triple the world's energy supply, and create unprecedented global economic growth—without emissions. It leverages existing fossil fuel sites (coal plants, shipyards, refineries), transmission infrastructure, industry knowledge, workforces, capital, and supply chains. It has the potential to eliminate all energy-related global carbon emissions while ensuring continuity for communities reliant on these facilities for energy, jobs, tax revenue, and continued economic growth.

Our TTI White Paper outlines five essential preconditions for cost-effective, scalable deployment.

- 01 Mass-manufactured heat boxes with supporting supply chains.
- 02 Standardized deployment architectures configured with automated design tools.
- 03 Product-based licensing accelerated by AI.
- 04 Project business models attractive to project developers.
- 05 Large-scale purchases by major energy users.

These five conditions work as an integrated system—advances in one amplify the others. Terra Praxis' 2025 programs directly addressed all five: from AI licensing tools and Project Phoenix deployment architectures to sovereign wealth fund engagement and major energy user demand signals. While the goal is ambitious, our analysis shows that satisfying these five conditions is well within the capabilities of our industrial civilization.

2025

2030



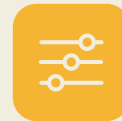
01

Mass-manufactured heat boxes with supporting supply chains



02

Standardized deployment architectures configured with automated design tools



03

Product-based licensing accelerated by AI



04

Project business models attractive to project developers



05

Large-scale purchases by major energy users

THE REPOWER CONSORTIUM

The REPOWER Consortium mobilizes stakeholders across the clean energy ecosystem, encouraging swift and decisive action to advance global clean energy abundance. With 38+ member organizations spanning utilities, technology companies, reactor vendors, financial institutions, and governments, the Consortium provides the collaborative infrastructure for coordinating the clean energy transition at scale.





3

2025 PROGRAM IMPACT

Terra Praxis' solutions accelerate the deployment of clean, affordable, and reliable energy for billions of people.

MOBILIZING FINANCE AND INDUSTRY WITH THE WORLD ECONOMIC FORUM

DAVOS: FIRST-EVER PUBLIC SESSION ON NUCLEAR ENERGY

Following a successful collaboration throughout 2024 between Terra Praxis and the World Economic Forum, Kirsty Gogan chaired the first-ever public panel focused on nuclear energy at the Forum's Annual Meeting in Davos, Switzerland (January 21).

The session, "The Road to Tripling Nuclear Capacity," brought together the most senior voices in global energy: Rafael Mariano Grossi (Director General, International Atomic Energy Agency); Ebba Busch (Deputy Prime Minister and Minister for Energy, Business and Industry of Sweden); Luc Rémont (Chairman and CEO, EDF); Wen Shugang (Chairman, China Huaneng Group); and Darryl White (CEO, BMO Financial Group). As Kirsty framed the discussion: 30 countries have pledged to triple nuclear energy capacity by 2050, requiring a construction rate of 30 GW per year for 20 years, starting in 2030. Terra Praxis launched the Ten-Terawatt Initiative White Paper at the same event, providing the strategic framework for meeting this target.

World Economic Forum Annual Meeting, Davos, Switzerland. (January 2025)
Kirsty Gogan (Terra Praxis), Rafael Mariano Grossi (IAEA), Ebba Busch (Deputy Prime Minister for Sweden), Luc Rémont (EDF), Wen Shugang (China Huaneng Group), Darryl White (BMO Financial Group).

LEADERSHIP WITH INDUSTRY

Terra Praxis has been invited by the World Economic Forum to collaborate with their Transitioning Industrial Clusters initiative, which convenes 38 industrial clusters from 18 countries representing 877 Mt CO₂ abatement potential, \$508 billion GDP contribution, and 4.6 million jobs. We are exploring three new global clusters: transforming the REPOWER Consortium into a Global Coal-to-Clean Cluster; elevating the Open Architecture Nuclear energy group into an Industrial End-User Cluster; and launching a Maritime Nuclear Applications cluster designed to complement the initiatives from major regulatory bodies (International Maritime Organization and IAEA) and industry.

OECD NEA NUCLEAR INNOVATION 2050 ADVISORY PANEL

Kirsty Gogan chairs the OECD Nuclear Energy Agency's Nuclear Innovation 2050 Advisory Panel (IAP)—a senior international body convening experts from government, academia, and industry to advise on accelerating nuclear innovation. Panel members include senior figures from the U.S. Department of Energy, Korea Atomic Energy Research Institute, France's CEA, EPRI, the University of Michigan, Suncor Energy, and the Dalton Nuclear Institute, among others. The IAP provides strategic guidance on the policy, regulatory, and technology conditions needed to bring advanced nuclear energy to commercial scale—directly aligned with Terra Praxis' mission and the five preconditions for lift-off identified in the Ten-Terawatt Initiative.



NORDIC-BALTIC NUCLEAR ENERGY INVESTMENT

Terra Praxis co-planned and Kirsty Gogan moderated the full-day Nordic-Baltic Nuclear Investment Summit at Stockholm’s Grand Hôtel—the first government-level summit dedicated to nuclear power expansion across the Nordic-Baltic region.

FOUR SESSIONS, ONE GOAL: TRIPLING NUCLEAR CAPACITY

Hosted by Swedish Deputy Prime Minister Ebba Busch and Finnish Minister Sari Multala, the Nordic-Baltic Investment Summit (October 7) drew seven ministers and more than 200 representatives from the nuclear energy and finance sectors across four continents.

The summit was structured around a deliberate narrative arc—from policy foundations through financial frameworks to project execution and industrial ecosystem building.

› Creating the Right Conditions

Ministers from Sweden, Finland, Latvia, Estonia, and Poland presented national nuclear energy strategies and explored regional coordination. A significant theme emerged: convergence around the role of SMRs across Sweden, Poland, and Estonia—creating the potential for a regional fleet of 10+ units with shared supply chains, joint procurement, and mutual regulatory recognition.

› Financing Nuclear Investments

Swedish Finance Minister Elisabeth Svantesson and Minister for Financial Markets Niklas Wykman outlined Sweden’s new financing model with state-backed loans. The investor panel featured JP Morgan, Citibank, Brookfield, La Caisse, BNP Paribas, 92 Capital, Nefco, and the Nordic Investment Bank.

› Making Nuclear Investable

Utility keynotes from Anna Borg (CEO, Vattenfall) and Petra Lundström (EVP, Fortum) anchored a developer perspective session, with additional participation from Kärnfull Next, Synthos Green Energy, Fermi Energia, Steady Energy, and Blykalla.

› Building the Nuclear Ecosystem

Technology vendors Mavi Zingoni (CEO, GE Vernova Power), Chris Cholerton (CEO, Rolls-Royce SMR), and Mohamed Al Hammadi (CEO, ENEC) assessed supply chain readiness, manufacturing capacity, and lessons from the UAE’s successful nuclear energy program.

JOINT DECLARATION

The summit culminated in a joint declaration by Estonia, Finland, Latvia, Poland, and Sweden recognizing the significant role of nuclear power in strengthening energy security, improving electricity price competitiveness, and phasing out fossil energy. The statement, signed at a Baltic Sea regional nuclear energy conference, emphasizes the need for close cooperation, including the development of small modular reactors and large-scale reactors to ensure a stable, low-carbon energy supply. Swedish Prime Minister Ulf Kristersson attended the preceding evening reception, underscoring the highest level of political commitment.

Nordic-Baltic Nuclear Investment Summit, Stockholm, Sweden.



EXPANDING TO ASIA

Terra Praxis expanded into Asia in 2025—home to 75% of the world’s coal plants and the fastest-growing energy demand, making the region critical to delivering abundant clean energy.

UNLOCKING DEVELOPMENT FINANCE

The Asian Development Bank and World Bank reversal of nuclear energy financing restrictions unlocked billions in development capital. The ADB’s new IAEA partnership on SMRs makes nuclear eligible for the \$3.8 billion committed to energy in 2024—capital that can now accelerate coal-to-nuclear repowering across Asia while preserving energy security and economic competitiveness.



Bloomberg New Economy Forum, Singapore. (Nov 2025)
Kirsty Gogan and Eric Ingersoll (Terra Praxis).



Bloomberg New Economy Forum, Singapore. (Nov 2025)
Lawrence Wong (Prime Minister, Republic of Singapore) and John Micklethwait (Editor-in-Chief, Bloomberg News).

Terra Praxis 5th REPOWER retreat hosted at Microsoft Technology Center, Singapore. (May 2025)



5TH REPOWER RETREAT: ACCELERATING ASIA’S ENERGY TRANSITION

Terra Praxis’ REPOWER Retreat at the Microsoft Technology Center in Singapore (May 14 – 15) convened over 60 stakeholders from utilities, technology companies, finance, and government to chart practical pathways for Asia’s energy transition. From Dublin to Houston, Toronto, Brussels, and now Singapore—the fifth REPOWER Retreat was evidence that what started as an innovative idea has become a movement.

The momentum was tangible. Aalo Atomic, a Consortium member, launched the first factory for manufacturing nuclear reactors (April). The UK Office of Nuclear Regulation expects the first nuclear power barges to be operational by 2030. Maritime authorities moved nuclear energy timelines from the 2040s to 2030. Major sovereign wealth funds initiated financing discussions. Industry is ready, with major energy consumers signaling a serious appetite for purchasing clean energy services at scale. Following the retreat, Singapore’s Maritime & Port Authority requested to join the IAEA ATLAS initiative, Temasek mobilized to support financing of REPOWER implementation, and a collaboration with the Monetary Authority of Singapore was established.

BLOOMBERG NEW ECONOMY FORUM

Building on this momentum, Terra Praxis returned to Singapore for Bloomberg’s flagship New Economy Forum (November 19 – 21). Singapore Prime Minister Lawrence Wong recognized the potential for small modular reactors to deliver emissions-free, secure, and reliable energy for land-constrained, energy-intensive economies—an important milestone as one of Asia’s most influential leaders endorsed nuclear in Southeast Asia’s energy transition. The forum addressed themes central to Terra Praxis’ work: energy infrastructure demands, AI’s transformative power and its energy appetite (by 2030, data centers worldwide will consume as much power as Japan’s entire economy), sustainable finance, and pathways for decarbonization.

PROJECT PHOENIX: PROVING COAL-TO- NUCLEAR AT SCALE

Terra Praxis' Project Phoenix, funded by the U.S. Department of State, and in coordination with Jensen Hughes, has produced working digital tools that can assess coal plant sites and generate optimized nuclear conversion designs in days rather than months.

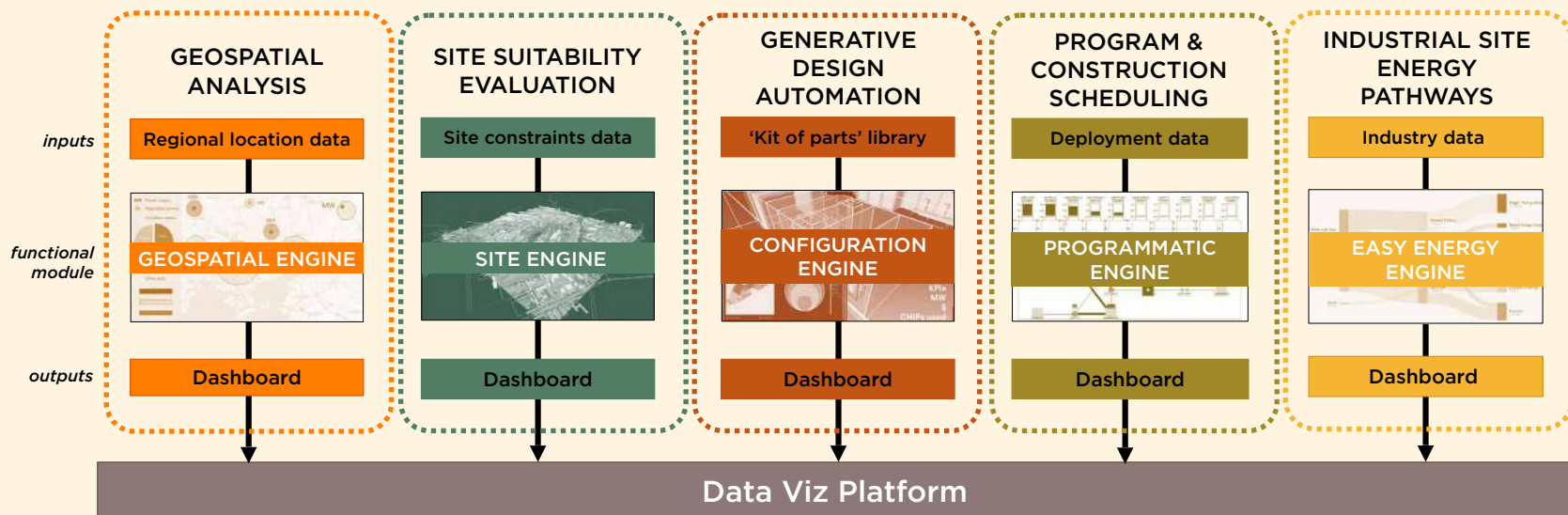
REBUILDING UKRAINE'S ENERGY FUTURE

Russia's attacks have destroyed much of Ukraine's energy infrastructure. Terra Praxis is working with the U.S. Department of State on a \$1M+ initiative to help Ukraine rebuild—not with the fossil fuels of the past, but with clean nuclear energy.

Traditional approaches to planning nuclear projects take months or years of analysis per site. Ukraine doesn't have that kind of time. Terra Praxis built four integrated analytical engines in partnership with Bryden Wood—geospatial analysis, programmatic modeling, 3D site configuration, and data visualization—all prototyped and tested by August 2025. Thirteen Ukrainian priority sites were selected and analyzed.

Federal validation de-risks our approach and positions Ukraine as our reference case. What we are proving in Ukraine applies everywhere: 300+ GW of coal capacity in Europe, 200+ GW in the United States, and hundreds of GW across Asia—plus refineries, industrial sites, and ports—all potential candidates for conversion to clean energy using this approach.

ACT: AUTOMATED CONFIGURATION TECHNOLOGY



HARNESSING AI'S POWER—AND ITS APPETITE

PRODUCT-BASED LICENSING ACCELERATED BY AI

Terra Praxis collaborated with Microsoft software engineers to earn its fourth consecutive win at Microsoft's AI for Good hackathon—and a spot on the Microsoft Garage Wall of Fame (September 15 – 19). This year's hack extended our GenAI for Energy Permitting Solution Accelerator with new intelligent agents to navigate regulatory complexity, speeding progress on nuclear licensing, coal plant repurposing, and reactor manufacturing.

The tools are already delivering real-world results: Fermi America used them to submit a license application in just 75 days—a process that would normally take more than a year.

Conor Kelly (Industry and Partner Solutions, Microsoft) and Henning Kilset (Principal Technical Program Manager, Microsoft).



Terra Praxis works with major end-users at the frontier of AI to both harness its power in accelerating nuclear energy deployment and surface the urgent energy demand that AI represents.



OECD NEA Roadmaps to New Nuclear Ministerial Conference, Paris, France. (September 2025)

BRIDGING NUCLEAR AND TECH AT THE OECD NEA MINISTERIAL

At the OECD NEA Ministerial Conference (Paris, September 18 – 19), Terra Praxis chaired the plenary on “The Role of Artificial Intelligence in the Future of Nuclear Energy”—bringing together senior decision-makers from over 30 countries. Panelists from Caelus, Data4, Equinix, Google, Microsoft, and Nvidia explored how AI can accelerate nuclear growth, from predictive maintenance and safety monitoring to overcoming licensing barriers. The session examined the dual opportunity at the heart of Terra Praxis' work: nuclear energy as the ideal 24/7 baseload solution for the 140 GW of data center demand AI is expected to drive by 2030, and AI as the accelerant that can compress nuclear licensing from years to months. Microsoft outlined its dual leadership—restarting Three Mile Island to meet its own clean energy commitments while co-developing AI licensing tools with Terra Praxis. Google described the policy reforms needed to bring SMR partnerships to commercial deployment by 2030.

WHERE AI MEETS NUCLEAR ENERGY

Kirsty Gogan and Eric Ingersoll joined international experts, industry leaders, and policymakers at the IAEA International Symposium on Artificial Intelligence and Nuclear Energy (Vienna, December 3 – 4), a landmark gathering signaling how rapidly the AI-nuclear nexus is becoming a central axis of global energy strategy. With the IAEA guiding major tech end-users toward nuclear energy, AI has moved from the margins to center stage. Terra Praxis has been central to that shift.

DECARBONIZING SHIPPING INDUSTRIES

Terra Praxis is driving interest in mass-manufactured, emissions-free heat and power for the maritime sector—one of the hardest industries to decarbonize.

MARITIME & PORT AUTHORITY OF SINGAPORE

As co-host of the 5th REPOWER Retreat in Singapore, Terra Praxis led a specialized session with the Maritime & Port Authority of Singapore (MPA) on digitalization and decarbonization (May 13), highlighting innovative solutions for the maritime industry. The session represented a significant acceleration of nuclear-maritime timelines in Southeast Asia, with the MPA's engagement signaling growing institutional momentum for advanced nuclear across the region's ports and shipping networks.

TRANSFORMING SHIPPING EMISSIONS & ECONOMICS

For years, Terra Praxis has been building the case for nuclear-powered maritime—engaging regulators, classification societies, port authorities, energy majors, and shipping companies on the technical, economic, and regulatory pathways to decarbonization at sea.

The economics are compelling. Analysis conducted in collaboration with Lloyd's Register, a REPOWER Consortium member, demonstrates that nuclear propulsion could eliminate up to \$50 million in annual bunker fuel costs and \$18 million in carbon penalties per vessel—unlocking \$68 million in annual savings while eliminating GHG emissions entirely. Beyond propulsion, SMRs deployed at port facilities could power large-scale production of ammonia or methanol, supporting the maritime sector's net zero ambitions.

With nuclear-maritime timelines accelerating from the 2040s to 2030, Terra Praxis is connecting the operators, regulators, and financiers who will make nuclear-powered shipping a commercial reality this decade.

The 5th REPOWER Retreat session with representatives from the MPA, Terra Praxis, Aalo Atomics, Breen Capital, World Nuclear Association, and Lloyd's Register. Singapore. (May 2025)



APM Terminals Maasvlakte, Rotterdam, Netherlands.



4

LEADING THE CONVERSATION

The world is talking about nuclear energy. Terra Praxis is working to ensure that conversation leads to deployment—at speed and scale.

DRIVING THE GLOBAL DIALOGUE

Terra Praxis is consistently sought out by governments and international organizations to advise on delivering abundant clean energy through nuclear energy. In 2025, that presence spanned continents—from keynotes and moderated panels to joint studies and high-stakes convenings—advancing the case for SMRs, AI-facilitated licensing, and mass-manufactured reactors at every major forum where energy futures are decided.

CUTTING THROUGH THE RED TAPE

Innovation Zero World Congress

London, UK | April 30

Terra Praxis joined a panel tackling the regulatory and policy barriers holding nuclear back—from green taxonomies to HALEU supply. Moderated by Nick Loris (President of Policy, C3 Solutions), the panel featured Professor Martin Freer (CEO, Faraday Institution), Rachel Johnson (VP, Urenco), and James Walker (CEO, NANO Nuclear Energy), examining how to streamline planning consent, incentivize investment, and reduce costs to unlock nuclear energy's full potential.

GROWING NUCLEAR CAPACITY TO POWER TOMORROW

Hello Tomorrow

Paris, FR | April 13

At Hello Tomorrow, attended by over 3,000 participants, Terra Praxis presented its results-oriented vision to accelerate nuclear capacity through modular design, standardization, and AI-driven licensing: a clear strategy to rapidly replace coal, enhance energy security, and scale next-generation nuclear energy solutions.

Hello Tomorrow. (April 2025)

Gaëtan Bonhomme (Breakthrough Energy), Kirsty Gogan (Terra Praxis), Stefano Buono (newcleo), Jessica Lovering (University of Michigan).



Top Tier Impact Summit at Climate Action Week, London, UK.
(June 2025).
Seth Elliott (Top Tier Impact), Kirsty Gogan (Terra Praxis).



MASS-MANUFACTURED REACTORS: A NEW NUCLEAR PARADIGM

IAEA International Conference on Stakeholder Engagement for Nuclear Programmes
Vienna, AT | May 27

Kirsty Gogan delivered a keynote calling for a revolutionary shift to mass manufacturing in nuclear energy—outlining the Ten-Terawatt Initiative’s strategy to rapidly scale clean nuclear power and meet soaring global demand.

CAPITAL MEETS CLIMATE

Top Tier Impact / London Climate Action Week
London, UK | June 24

Terra Praxis joined leading investors and entrepreneurs at Top Tier Impact’s London Climate Action Week session on Energy Transition & Geopolitics—a global, invitation-only network of investors and corporate leaders focused on accelerating sustainability and systemic economic change.



BUILDING NUCLEAR ENERGY FASTER

OECD NEA International Conference on Excellence in Nuclear Construction
London, UK | June 18 – 19

Terra Praxis took a leading role at the OECD NEA’s first International Conference on Excellence in Nuclear Construction, delivering a joint keynote with Sam Mathew (Director, UK Energy & Utilities, Microsoft) and moderating a fireside chat with nuclear regulators Stéphanie Guénot-Bresson (Commissioner, French Authority for Nuclear Safety and Radiation Protection) and Mark Foy (Chief Executive and Chief Nuclear Inspector, UK Office of Nuclear Regulation). The conference addressed critical themes at the heart of Terra Praxis’ work: fleet deployment, digitalization and AI, modular construction, and standardization for supply chain collaboration.

OECD NEA International Conference on Excellence in Nuclear
Construction, London, UK. (June 2025)
Mark Foy (ONR), Stéphanie Guénot-Bresson (ASNR), Kirsty Gogan
(Terra Praxis).

ATOMIC AMBITION

TechBBQ

Copenhagen, DK | August 28

Kirsty Gogan moderated a conversation at TechBBQ with Jacob Stedman (CEO, Blykalla), Kiki Lauwers (CEO, Thorizon), and Mads Steenberg (Partner, 92 Capital) on whether serious capital will finally take advanced nuclear from concept to commercial reality—and China’s potential to lead the global nuclear energy revival.

FROM MEGAPROJECTS TO MASS MANUFACTURING

World Nuclear Association Symposium

London, UK | September 3

Terra Praxis delivered a keynote with Magnus Mori (Head of Advanced Fuels, Urenco) presenting initial findings from a joint study on how SMRs can serve data centers, synthetic fuels, and coal repowering at scale. Four supply scenarios chart the range: from today’s limited pipeline (below 1 GW/year, costs exceeding \$100/MWh) to a transformational 700 GW by 2050, with costs as low as \$40 – 70/MWh—competitive with natural gas and without policy support.

OPENING UP A TRILLION-DOLLAR MARKET OPPORTUNITY

Nuclear Supply Chain Summit

London, UK | October 21

At the Nuclear Supply Chain Summit, Terra Praxis delivered opening remarks for the “Small & Advanced Modular Reactors” panel chaired by Tom Greatrex (CEO, Nuclear Industry Association), alongside leaders from Westinghouse, X-energy, Rolls-Royce SMR, and Allseas Engineering. Terra Praxis’ call to action: think programmatically, prepare for manufacturing, collaborate across ecosystems, and demonstrate excellence now.

World Nuclear Symposium, London, UK. (September 2025)
Kirsty Gogan (LucidCatalyst, Terra Praxis), Magnus Mori (Urenco).



Nuclear Supply Chain Summit, London, UK. (October 2025)
Tom Greatrex (Nuclear Industry Association), Kirsty Gogan (Terra Praxis), Leon Flexman (X-energy).

2025 IMPACT BY THE NUMBERS

ENGAGEMENT >

9

MAJOR CLEAN ENERGY EVENTS & SUMMITS

Plus dozens of additional
convenings and panels.

10+

MINISTERIAL-LEVEL ENGAGEMENTS

Across 6 countries.

12+

COUNTRIES ENGAGED

Sweden, Finland, Estonia, Latvia,
Poland, UK, France, Denmark,
Singapore, South Korea, Ukraine,
USA.

ACTIVATION >

38+

REPOWER CONSORTIUM MEMBERS

60+

SINGAPORE REPOWER RETREAT STAKEHOLDERS

100,000+

AUDIENCE REACHED GLOBALLY

IMPACT >

13

UKRAINIAN SITES

Analyzed for coal-to-nuclear
conversion under U.S. Department
of State funding.

\$68M

Annual savings per vessel
demonstrated in nuclear
shipping economics study with
Lloyd's Register.

75 DAYS

Time for Fermi America to submit
a license application using Terra
Praxis' AI tools, down from 12+
months.



5

WHO WE ARE

**At Terra Praxis, purposeful action propels
meaningful change.**

LEADERSHIP

Terra Praxis operates as a high-leverage nonprofit: a small, focused team generating outsized impact through rigorous analysis, strategic convening, and trusted relationships built over a decade.

In 2025, our work helped unlock billions in development finance, compressed licensing timelines from years to weeks, and positioned nuclear energy at the center of the global policy agenda. We enabled changes worth billions at a lean fraction of the cost.

CO-FOUNDERS



KIRSTY GOGAN

Founding Director & Co-CEO

Kirsty is an internationally recognized leader in the design and deployment of scalable strategies to address global climate and energy needs. She has served in various roles for the UK Government, including at 10 Downing Street and the Office of the Deputy Prime Minister. She chairs the OECD NEA Nuclear Innovation 2050 Advisory Panel, was a long-standing member of the UK Government's Nuclear Innovation Research and Advisory Board (NIRAB), and was previously also the UK representative on the IAEA Director General's Special Advisory Group on Nuclear Applications.



ERIC INGERSOLL

Founding Director & Co-CEO

Eric is a strategic advisor and entrepreneur with deep experience in the development and commercialization of new energy technologies. He has extensive project and policy expertise in renewables, energy storage, oil and gas, and advanced nuclear technologies. Eric was a member of the renewable energy advisory group of the National Commission on Energy Policy and was honored by the Obama White House as a Champion of Change: Innovator in Renewable Energy.

BOARD OF DIRECTORS



ELLEN BAUM

Director, Climate & Health Research
Network



JACOPO BUONGIORNO

Battelle Energy Alliance Professor of Nuclear
Science and Engineering, MIT



AMY ROMA

Partner, Energy & Infrastructure, Nuclear
& Fusion, Orrick



RAY A. ROTHROCK

Venture Capitalist / Philanthropist



ROMANA VYSATOVA

Production and Operations Manager,
LucidCatalyst



ANDREW WHITTAKER

SUNY Distinguished Professor at
the University at Buffalo

BUILDING THE MARKET FOR CLEAN ENERGY

ANNUAL REVIEW 2025

TERRA
PRAXIS

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Terra Praxis Inc.
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