

PRESS RELEASE 13



Geothermal Energy Advancement Association is pleased to announce our latest Founding Member GMK Energy.

8th April 2024 – The Geothermal Energy Advancement Association (GEAA) is delighted to announce that GMK Energy have become the latest company to join GEAA as Megawatt Founding Member.

GMK Energy operates comprehensively across every face of geothermal energy, assuming diverse roles such as engineering, technology development, and investment. Our organization offers development, engineering, consultancy, and technical advisory services to proprietors and developers engaged in geothermal power plants, regional district heating systems, greenhouses, geothermal drying plants, and thermal hotels within the geothermal energy sector.

Founded with the vision of harnessing every droplet of geothermal brine and steam, GMK Energy aims to maximize production from low-heat and waste-heat sources across all regions.

With over 15 years of experience in the geothermal industry, our company consolidates its business activities into three distinct segments:

1. Power Generation Investments

- Green Field Projects: Development of new Geothermal Fields from exploration to operational stage by applying GMK's deep engineering methodologies.
- Brown Field Projects: Acquisition of Operational GPPs and increasing their Production Performance by utilizing GMK's unique technical skills and experience.
- Financial Structuring & Risk Coverage: Designing viable financial structures for Generation Projects along with the establishment of Risk Coverage mechanisms for the investors including but not limited with WB/CIF RSM program.

2. Technology Investments

- Continuous Innovations addressing new challenges in the market and derived from know-how and the feed backs from our own engineering teams:
 - Water Mining
 - Advanced Geothermal System
 - Modular ORC Systems for Low Enthalpy Geothermal Source and Waste Heat
 - Autonomous Power Plant Management

3. Integrated Engineering Services

- Project Management
- Owner's Engineering Services
- Geological, Geophysical, Geochemical Exploration Studies
- Reservoir and Well Assessment Studies and Modelling,
- Well Completion Tests,
- Detailed Feasibility Studies and Bank Reports,
- Conceptual and Detailed Project Design of Geothermal Power Plants, Green Houses and District Heating Applications,
- Gathering System and Balance of Plant (BOP) design,
- Technical Support & Performance Enhancement Studies,
- Non-Condensable Gases Analysis and Geochemical and Laboratory Services.

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GEAA is a not-for-profit stakeholder-driven association that advocates increased investment and development in the Geothermal Energy space, building awareness of this sustainable energy providing low carbon power, heat, and hot water providing a cascade of end user benefits.

GEAA promotes geothermal, its future role within the global energy mix, the necessary policy and legal frameworks needed to accelerate its use.

GEAA's dedicated and focused "Working Groups" provide subject matter topics through webinars and focus white papers as subject matter briefing papers on key aspects of geothermal. GEAA membership is open globally to all those interested in advancing geothermal and its role in transitioning to a world using less hydrocarbons.

Founding Members of GEAA include:

Terawatt Founding Member

- CeraPhi energy
- HEAT ACADEMY INTERNATIONAL
- INSTITUTE OF THE AMERICAS

Gigawatt Founding Member

- GEOLOG
- Petrofac
- HUNTING
- PARKER WELLBORE
- Weatherford

Megawatt Founding Member

- UKOG ENERGY FOR BRITAIN
- telos nrg
- Sproule
- rps
- GeoScience
- GMK ENERGY

Kilowatt Founding Member

- FUTURE ENERGY PARTNERS
- TEYSHAS ENERGY
- GeoLogica
- HydroVolve
- GenTechInvest
- THIRD ENERGY
- ignix Energy
- sustainableearth POWER
- Genius Energy Lab

Watt Founding Member

- Durham University
- MANCHESTER 1824 The University of Manchester
- Brunel University London
- Net Zero Technology Centre Technology Driving Transition
- MISSION RENEWABLE
- UNIVERSITY OF ABERDEEN
- THE AUCKLAND PROJECT
- Australian Geothermal Association
- QUEEN'S UNIVERSITY BELFAST



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