



**Michael Glinsky** is an econo-physicist educated in the physics of collective behavior (PhD in theoretical plasma physics from UCSD). He has worked in the economics department of Royal Dutch Shell and the Business and Economic Evaluation department of BHP. He has focused on the use of AI in capital investment, research investment, and operational decisions. While working at Lawrence Livermore National Laboratory in the 1990's he was a co-founder of the NEA funded startup, Endovasix, an endovascular stroke treatment company based on technology that he co-invented while a postdoc at LLNL.

He has also been the inventor of a lot of AI technology to estimate the risk and uncertainty of petroleum reservoirs. One of his patents is for the as-a-service computer software architecture. His most recent provisional patent, that was filed by Pillsbury Winthrop, is a seminal patent on Deep Reinforcement Learning (including the use of Generative Pretrained Transformers) that trains in seconds on a workstation instead of taking \$10m's of computer time. As Steve Job's would have said, he is a Crazy One (see the video of the 1997 "Think Different" ad narrated by Steve Jobs, <https://youtu.be/xLeY1bTFa3U>).

Currently, he is CEO of BNZ (Beyond Net Zero) Energy Inc., a company based on transformational Generative Artificial Intelligence (genAI). The new, innovative genAI solves three problems. Currently, genAI has a lack of technical performance, requires a very large upfront investment to train, and has an insignificant revenue model. BNZ Energy has genAI that works, does not boil a small lake in the process, and has a trillion dollar revenue model. The market for BNZ Energy's genAI is the \$20 trillion/yr sustainable energy market that is up for grabs. The BNZ Energy business model also eliminates the humongous fractional reserve banking risk, and is a revolutionary way of doing high frequency arbitrage trading.

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