



ARMENIA'S AI DATA FACTORY: THE ROLE OF
AFEYAN AND VARDANYAN - DAILY SABAH -
08.07.2025

Hazel ÇAĞAN ELBİR
Analyst

Blog No: 13
08.07.2025

Daily Sabah (8 July 2025)

Hazel ÇAĞAN ELBİR*

Armenia, under the leadership of Firebird.ai and in collaboration with NVIDIA and the Armenian government, has taken a significant step toward becoming a technology hub in the South Caucasus through a \$500 million artificial intelligence (AI) data factory project. From the perspective of Türkiye and Azerbaijan, this initiative is notable for being financed and driven by two figures known for leveraging World War I events against Türkiye: Noubar Afeyan and Ruben Vardanyan. Afeyans financial and strategic support, combined with Vardanyans assertive activities, aims to position Armenia as the AI hub of the South Caucasus. However, this development warrants careful evaluation from the standpoint of Turkish foreign policy, considering regional power dynamics, technological competition, and Armenia-Azerbaijan relations. This analysis examines the projects implications, the diaspora-focused roles of Afeyan and Vardanyan, their impact on Türkiyes foreign policy interests, and Türkiyes potential strategies in response to these emerging dynamics.

Armenias AI data factory, slated to become operational in 2026, is claimed to have the potential to transform the technological and geopolitical landscape of the South Caucasus. According to a June 12, 2025, JAMnews article, the project, backed by a \$500 million investment, aims to establish a 100-megawatt infrastructure utilizing NVIDIAs Blackwell GPUs[1]. Led by Firebird.ai in partnership with the Armenian government and NVIDIA, this initiative seeks to position Armenia as a regional technology hub. Prominent Armenian diaspora figures Noubar Afeyan and Ruben Vardanyan play pivotal roles in the projects

financing and strategic vision. Afeyan supports the initiative through the Afeyan Foundation, while Vardanyans past regional activities have strengthened diaspora networks supporting Armenias technological ambitions[2].

The Role of Noubar Afeyan and Ruben Vardanyan in Diaspora Activities

Noubar Afeyan

Noubar Afeyan, globally recognized as the co-founder of Moderna and CEO of Flagship Pioneering, is a prominent figure in the biotechnology sector. His strong ties with the Armenian diaspora are shaped by his birth in Lebanon and his heritage as the grandson of an individual present in Anatolia during World War I[3]. Afeyans engagement with the diaspora is evident through several notable initiatives.

The Aurora Humanitarian Initiative, established in 2015 with Vardanyan and Vartan Gregorian, aims to globalize activities related to World War I events. The Aurora Awards have been portrayed in international media as a platform for promoting propaganda concerning these events[4].

Other initiatives include the IDeA Foundation and UWC Dilijan. Afeyan has channeled diaspora resources into economic development and educational projects in Armenia. UWC Dilijan aims to strengthen cultural ties by attracting diaspora youth to Armenia[5].

His latest venture is Firebird.ai. The Afeyan Foundation, led by Noubar Afeyan, is the primary investor in Firebird.ai, with Afeyan serving as the companys strategic advisor and co-founder[6]. This project exemplifies the diasporas contribution to Armenias technological ambitions.

Afeyans activities against Türkiye manifest indirectly through cultural and humanitarian projects rather than overt political lobbying. The Aurora and 100 LIVES projects have framed World War I-related claims in a global context, indirectly supporting the U.S. recognition of these claims in 2021.

Ruben Vardanyan

Ruben Vardanyan, a Russian-Armenian billionaire businessman, is recognized as the founder of Troika Dialog and for briefly serving as the State Minister of the so-called state in Karabakh (2022 [7]). His detention in Azerbaijan since 2023 has become a significant issue for the diaspora. Vardanyans engagement with the diaspora and his contributions to claims regarding World War I events can be illustrated through several examples.

The IDeA Foundation and Aurora, co-founded with Afeyan, have mobilized diaspora resources for Armenia and engaged in propaganda efforts aimed at distorting the events of World War I[8].

Ruben Vardanyans role as State Minister in the so-called state in Karabakh, driven by the diasporas use of the events of World War I as a tool for provocation, led to his capture by Azerbaijan in the Lachin corridor and subsequent detention in 2023[9].

Afeyan and Vardanyan have mobilized diaspora networks to support Armenias development while engaging in propaganda activities related to World War I events. Aurora consolidates diaspora donors around these claims, while the IDeA Foundation and UWC Dilijan focus on identity construction for diaspora youth in Armenia, particularly through World War I narratives. Firebird.ai, as a technological extension of this shared vision, channels diaspora capital into positioning Armenia in the global AI race[10].

Analysis from the Perspective of Turkish Foreign Policy Regional Power Dynamics

The proposed AI data factory in Armenia could intensify the technological competition in the South Caucasus. According to JAMnews, the project is set to fundamentally transform the regions technological landscape and establish Armenia as a regional technology hub. [11] Türkiye, as Azerbaijan's closest ally in the South Caucasus, must assess this development from a geopolitical perspective. Armenias ambition to become a technology hub could heighten competition with Azerbaijan's energy-focused economy. Following its victory in the 44-day Karabakh War, Azerbaijan has solidified its military dominance in the region, but there is now a growing need for it to prioritize technological advancements. Azerbaijan has already initiated digital transformation efforts[12].

Türkiye is accelerating its own investments in AI and data centers. Armenias partnership with NVIDIA necessitates a recalibration of Türkiye's regional technological leadership goals. In response to this competition, Türkiye could strengthen technological cooperation with Azerbaijan.

Azerbaijan-Armenia Peace Process

The Firebird.ai project must also be evaluated in the context of Azerbaijan-Armenia peace negotiations. Afeyan's calls for the release of Vardanyan, portrayed as a prisoner in Azerbaijan, highlight the political dimensions of Armenias technological ambitions. From a foreign policy perspective, claims that Vardanyan is a prisoner rather than a war criminal are seen as a clear example of a biased pro-Armenian stance. Afeyan's appeal to Donald Trump for Vardanyan's release could signal increased U.S. involvement in the peace process[13]. Türkiye, while supporting Azerbaijan's position, plays a constructive role in peace negotiations, contributing to regional stability.

The diaspora networks of Afeyan and Vardanyan provide international support for Armenias technology projects. The Armenian diasporas lobbying efforts regarding World War I events represent an attempt to exert historical pressure against Türkiye.

Economic and Technological Competition

Setting aside World War I-related claims, evaluating this current regional initiative, Firebird.ai's 100-megawatt infrastructure and NVIDIA's Blackwell GPUs could position Armenia as a player in the global AI market. To contextualize the scale of this initiative, a comparison is appropriate. As mentioned, Firebird.ai's investment aims to strengthen Armenia's technology ecosystem and support its goal of becoming a regional innovation hub. AI Consultant Melih Özbek has emphasized that this data center will offer incentives for companies, potentially becoming a cost-effective location for renting offices and training proprietary AI models.

The aforementioned center, by focusing on AI and high-tech production, could boost local employment and strengthen Armenia's position in the global technology market. However, regional geopolitical tensions must also be taken into account. AI Consultant Melih Özbek has compared Firebird.ai with xAI's Colossus to provide perspective on the scale of Armenia's initiative. Firebird.ai's planned \$500 million AI cloud infrastructure in Armenia and xAI's Colossus supercomputer differ in purpose and scale, embodying distinct geopolitical and technological dynamics. Firebird.ai, utilizing NVIDIA Blackwell GPUs, aims to establish a scalable 100-megawatt AI factory by 2026, not to position the Caucasus as a technology hub, but rather to strengthen the local ecosystem, create jobs, and support regional economic growth through a public-private partnership with the Armenian government. In contrast, xAI's Colossus, located in Memphis and equipped with 200,000 NVIDIA H100/H200 GPUs (with plans to scale to 1 million), is the world's most powerful AI training system, reinforcing U.S. technological dominance in the global AI race. While Colossus trains models like Grok to accelerate universal scientific discovery, its energy consumption (150 MW) and environmental impact have sparked local criticism.

Firebird.ai's project focuses on regional development and technology transfer, while Colossus's massive scale and rapid construction (completed in 122 days)[14] bolster xAI's ambitions in the global AI market. Firebird.ai seeks to create a regional niche with Armenia's limited resources, whereas xAI's investment reinforces U.S. economic and technological hegemony. Although both projects underscore the strategic importance of AI infrastructure, Colossus's financial and technological superiority far surpasses Firebird.ai's locally focused vision.

Armenia's project is significant for local and regional development, while xAI's initiative holds global potential to create a paradigm shift in AI infrastructure. Both investments reflect national pursuits of technological independence, but xAI's resources and global reach bolster U.S. geopolitical dominance, whereas Armenia's project focuses on regional stability and economic diversification. Considering this comparison, the conclusion is that, although Firebird.ai's initiative in Armenia is smaller in scale compared to Colossus, it

represents a transformative development for the region.

From an ethical perspective, Firebird.ai's planned \$500 million AI cloud infrastructure in Armenia should be evaluated in light of the manipulative potential of AI, as demonstrated by the ethically controversial AI research conducted by the University of Zurich on Reddit's r/changemyview subreddit. The study, involving 34 fake accounts and over 1,500 posts, analyzed user demographics (gender, ethnicity, political views) without consent, concluding that personalized AI responses were more persuasive than human content. However, the use of deceptive identities (e.g., posing as Black individuals or sexual assault survivors) violated Reddit's rules and raised concerns about data misuse, leading to accusations of ethical violations. Moderators and users demanded the study's suspension, prompting the university to halt publication and issue a warning to a researcher. This incident highlights AI's potential for social manipulation and the lack of ethical oversight, raising concerns about how sensitive historical issues, such as the events of World War I, could be addressed on digital platforms. Given the critical importance of the events of World War I to Armenia and its diaspora in terms of identity and memory, AI-generated manipulative content poses a risk of distorting such historical narratives[15].

Firebird.ai's Armenia project, while supporting economic development with the goal of establishing a regional technology hub, is underscored by the Reddit scandal, which highlights the risks of AI infrastructure misuse in the context of historical sensitivities. Controversial topics, such as the events of World War I, could be reshaped by misinformation or manipulation on AI-supported platforms, posing risks to Armenia's geopolitical position and the global perception of its historical narratives. The ethical violations in the University of Zurich's experiment demonstrate that projects like Firebird.ai require transparency, data privacy, and adherence to ethical standards; otherwise, AI's potential to distort historical truths or undermine societal trust could increase.

Türkiye's response to this development should be informed by the strategies of regional states. To maintain a competitive edge, Türkiye must prioritize accelerating its own data center investments, such as projects in Istanbul and Ankara. Georgia's low-cost electricity tariffs[16] for cryptocurrency mining could serve as a model for Türkiye. There is also a pressing need to professionally strengthen and enhance the visibility of T3AI, the language model developed by the T3 Foundation. In light of regional developments, fostering joint technology projects with Azerbaijan to bolster the technology sector emerges as a key area of focus.

Türkiye has launched the Sectoral Adaptation Project Call for the Turkish Large Language Model to strengthen its technological independence. Announced by Minister of Industry and Technology Mehmet Fatih Kacır on June 16, 2025, this call offers grants of up to 50 million TRY and aims to enhance the representation of the Turkish language in AI, develop sector-specific large language models, and position Türkiye as a leading nation in the new digital era[17].

Claims on the Events of World War I and Diplomacy

As previously highlighted, Afeyan and Vardanyans Aurora and 100 LIVES projects promote claims related to World War I events as a global humanitarian issue, aiming to increase international awareness. The potential success of Firebird.ai could further amplify diaspora resources, potentially strengthening anti-Türkiye lobbying efforts.

The AI data factory, set to commence operations in Armenia under the leadership of Firebird.ai, shaped by the diaspora networks and vision of Afeyan and Vardanyan, holds the potential to establish Armenia as a technology hub in the South Caucasus. Türkiye must respond to these emerging dynamics by accelerating its technology investments, strengthening cooperation with Azerbaijan, and effectively leveraging diplomatic channels. While Afeyan and Vardanyans diaspora-driven projects aim to enhance Armenias global standing, Türkiyes strategic, dynamic, and innovative initiatives have the potential to maintain regional balance.

For the simplified version of the article, please click here:

<https://www.dailysabah.com/opinion/op-ed/armenias-ai-data-factory-the-role-of-afeyan-and-var-danyan>

**Analyst at Center for Eurasian Studies (AVİM)*

***Photo: Daily Sabah*

[1] Armenia aims to become tech hub of South Caucasus with new AI data factory, jam-news.net, JamNews, 12 June 2025, <https://jam-news.net/armenia-aims-to-become-tech-hub-of-south-caucasus-with-new-ai-data-factory/>.

[2] New Social Contract Between Armenia and The Diaspora-Ruben Vardanyan, aravot.am, Aravot, 22 April 2025, <https://en.aravot.am/2022/04/22/302364/>.

[3] Moderna chairman, grandson of an Armenian genocide survivor, speaks about COVID-19 vaccine efforts and his own journey, ktla.com, KTLA, 24 November 2020, <https://ktla.com/news/coronavirus/moderna-chairman-grandson-of-an-armenian-genocide-survivor-speaks-about-vaccine-efforts-and-his-own-journey/>.

[4] The Aurora Humanitarian Initiative, auroraprize.com, Aurora Humanitarian Initiative, <https://auroraprize.com/en>.

[5] Founders Vision, wcdilijan.org, UWC Dilijan Armenia, <https://www.uwcdilijan.org/about-us/founders-vision>

- [6] Firebird Announces Strategic Collaboration of Armenia and NVIDIA to Build a Next-Generation AI Cloud to Ignite Regional Innovation, prnewswire.com, PR Newswire, 11 June 2025, <https://www.prnewswire.com/news-releases/firebird-announces-strategic-collaboration-with-the-government-of-armenia-and-nvidia-to-build-a-next-generation-ai-cloud-to-ignite-regional-innovation-302479313.html>.
- [7] From Banker to hunger striker: Ruben Vardanyan faces charges in Baku, balcaniecaucaso.org, Osservatorio Balcani e Caucaso, 13 March 2025, <https://www.balcanicaucaso.org/eng/Areas/Armenia/From-banker-to-hunger-striker-Ruben-Vardanyan-faces-charges-in-Baku-236709>.
- [8] A New Genocide in Nagorno-Karabakh?, thearticle.com, The Article, 30 September 2023, <https://www.thearticle.com/a-new-armenian-genocide-in-nagorno-karabakh>.
- [9] Billionaire on trial in Azerbaijan who risks being left behind by peace deal, bbc.com, BBC News, 8 April 2025, <https://www.bbc.com/news/articles/c86jw1w0n5vo>.
- [10] Team Group, NVIDIA, and Firebird Announce a \$500 Million Megaproject to Build a Regional AI Supercomputing Hub, aysor.am, Aysor, 11 June 2025, <https://www.aysor.am/en/news/2025/06/11/Team-Group/2399381>.
- [11] Armenia aims to become tech hub of South Caucasus with new AI data factory, JamNews, jam-news.net, 12 June 2025, <https://jam-news.net/armenia-aims-to-become-tech-hub-of-south-caucasus-with-new-ai-data-factory/>.
- [12] Innovation and Investment: Azerbaijan's Journey to a Digital Economy, Caspian-Alpine, caspian-alpine.org, 12 June 2025, <https://caspian-alpine.org/innovation-and-investment-azerbaijan-on-the-path-to-a-digital-economy/>.
- [13] Trump vowed to protect Armenias Christians. He can start here., Washington Post, washingtonpost.com, 10 February 2025, <https://www.washingtonpost.com/opinions/2025/02/10/armenia-trump-var-danyan-christian/>.
- [14] NVIDIA Ethernet Networking Accelerates Worlds Largest AI Supercomputer, Built by xAI, NVIDIA, nvidianews.nvidia.com, 28 October 2024, <https://nvidianews.nvidia.com/news/spectrum-x-ethernet-networking-xai-colossus>.

[15] Unethical AI Research on Reddit Under Fire, Science, science.org, 30 April 2025, <https://www.science.org/content/article/unethical-ai-research-reddit-under-fire>.

[16] How Georgia Became a Global Energy Hub For Cryptocurrency Mining, BTUAI, btuai.ge, 19 May 2025, <https://btuai.ge/en/how-georgia-became-a-global-energy-hub-for-cryptocurrency-mining/>

[17] Zeynep Duyar, 50 milyon liraya kadar hibe verilecek Türkçe Büyük Dil Temel Modeli Sektörel Uyarlama Projesi Çağrısı açıldı, aa.com.tr, Anadolu Agency, 16 June 2025, <https://www.aa.com.tr/tr/bilim-teknoloji/50-milyon-liraya-kadar-hibe-verilecek-turkce-buyuk-dil-temel-modeli-sektorel-uyarlama-projesi-cagrisi-acildi/3599998>.

About the author:


Hazel Çağan-Elbir is an analyst in AVİM. Çağan-Elbir continues her studies in Political Economy doctorate program at Atılım University.


To cite this article: Hazel ÇAĞAN ELBİR. 2025. "ARMENIA'S AI DATA FACTORY: THE ROLE OF AFEYAN AND VARDANYAN - DAILY SABAH - 08.07.2025." Center For Eurasian Studies (AVİM), Blog No.2025 / 13. July 08. Accessed September 07, 2025. <https://avimbulten.org/public/Blog/ARMENIA-S-AI-DATA-FACTORY-THE-ROLE-OF-AFEYAN-AND-VARDANYAN-DAILY-SABAH-08-07-2025>



Süleyman Nazif Sok. No: 12/B Daire 3-4 06550 Çankaya-ANKARA / TÜRKİYE

Tel: +90 (312) 438 50 23-24 • **Fax:** +90 (312) 438 50 26

 @avimorgtr

 <https://www.facebook.com/avrasyaincelemelerimerkezi>

E-Posta: info@avim.org.tr

<http://avim.org.tr>

© 2009-2025 Avrasya İncelemeleri Merkezi (AVİM) Tüm Hakları Saklıdır