

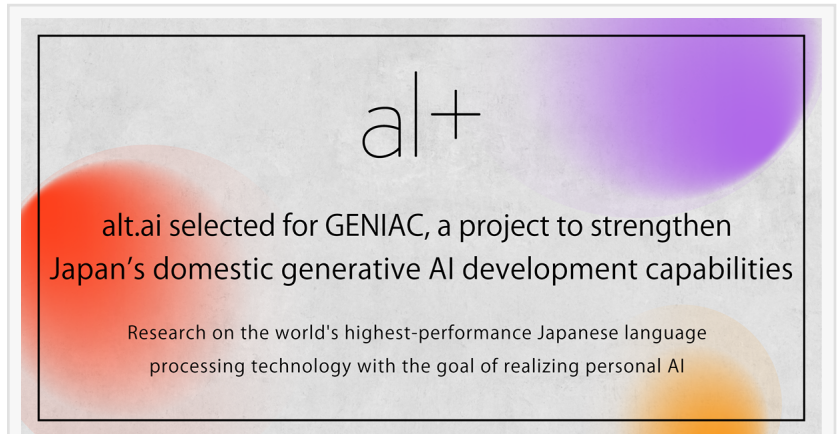
# alt.ai selected for GENIAC, a project by METI and NEDO to help Japan's generative AI develop stronger

*Promoting research into the world's highest-performance Japanese language processing tech with the aim of supplementing the workforce and realizing personal AI*

TOKYO, JAPAN, October 22, 2024  
/EINPresswire.com/ -- alt Inc.

(<https://alt.ai/en/>, head office: Minato-ku, Tokyo; CEO: Kazutaka Yonekura), is pleased to announce its selection for the second term of the [GENIAC](#) (Generative AI Accelerator Challenge) project. Sponsored by the Ministry of Economy, Trade and Industry and NEDO, the New Energy and Industrial Technology Development Organization, GENIAC aims to strengthen Japan's domestic generative AI development capabilities. The grant decision-making process for the selected project theme, "Research into the world's highest-performance Japanese language processing technology with the goal of realizing personal AI," was concluded on October 21, 2024.

With the grant for constructing a dataset and the assistance of GPU computing resources worth a total of approximately 790 million yen, alt will advance research and development into constructing LLMs to supplement the workforce and building data for instruction pre-



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## パーソナルAIの実現を目標とした世界最高性能の日本語言語処理技術の研究

実施者	株式会社オルツ
概要	労働力の補完を目的としたLLMの構築とInstruction Pre-trainingのためのデータ構築 <ul style="list-style-type: none"> <li>・全体的なRAG性能の向上</li> <li>・特に金融、保険、IR、社内規定、人材、法律におけるRAG性能向上に注力する</li> <li>・労働力としての活用を意識したRAGのベンチマークの構築・公開</li> <li>・あらゆる指示に対する指示追従能力向上を目的としたInstruction Pre-trainingに向けた指示合成器のためのデータセット構築</li> </ul>

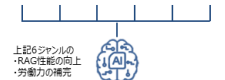
### 実施内容

- 1 RAG性能に特化したLLM開発
- 2 RAG/一般性能の評価
- 3 モデル/ノウハウの公開
- 4 コミュニティへの参画
- 5 事業化/実用化

### 開発される基礎モデル

- RAG性能に特化したLLM
- ・100万件以上のRAG向け指示データの構築
  - ・ウェブデータから検索可能な仕組みの構築
  - ・上記6ジャンルにおいて、GPT-4o相当のRAG性能を目標とする

上記モデルを指示生成器としても活用する



上記6ジャンルのRAG性能の向上・労働力の補完

### 社会実装の方法

- 自社ビジネスとして展開
- ・自社サービスであるオルツプレイン、クローンマッチング、クローンM&Aなどの組み込み
  - ・その他パートナー企業とのシステム開発に利用
  - ・APIの提供

### 成果物の公開

- ・評価データの公開
- ・テックブログ、勉強会でのノウハウ公開



## About alt's Initiatives

training.

#### □About the selected projects

alt aims to supplement Japan's workforce of 50 million people with personal AI technology by 2030. To achieve this, AI will need to gather information and think about responses in real-time like a human being. High-performance retrieval-augmented generation (RAG) will be required to reflect a wide range of information in responses without prior learning. Leveraging our experience in developing personal AI, we aim to achieve response accuracy equal to or greater than that of GPT-4o by building a 70B model, preparing instruction data, and expanding RAG data.

#### □About GENIAC

GENIAC is a project implemented in cooperation with the Ministry of Economy, Trade and Industry and NEDO with the aim of strengthening Japan's development capabilities in generative AI. It primarily provides computing resources for the development of basic models, which are the core technology of generative AI, and supports demonstration studies for the utilization of data and AI. In the second term of selection in October 2024, 20 new companies, institutions and organizations were selected for support, and alt's proposal, titled "Research on the world's highest-performance Japanese language processing technology with the goal of realizing personal AI," was selected.

[https://www.meti.go.jp/english/policy/mono\\_info\\_service/geniac/index.html](https://www.meti.go.jp/english/policy/mono_info_service/geniac/index.html)

\*For reference: announcement by METI:

<https://www.meti.go.jp/press/2024/10/20241010001/20241010001.html>

\*For reference: second term selection

results□[https://www.nedo.go.jp/news/press/AA5\\_101790.html](https://www.nedo.go.jp/news/press/AA5_101790.html)

#### □Recruitment Information

At alt, we strive to create an environment where all employees can grow and thrive, regardless of region, race, gender, or age, bringing each employee's experience and values together to create new possibilities. We're recruiting a wide range of personnel, so if you're interested, please apply on the recruitment site below.

<https://alt.ai/careers/en/>

#### □About alt Inc.

Founded in November 2014, alt is the company that "aims to free people from unproductive labor" by creating "P.A.I." (Personal Artificial Intelligence) and AI clones. In addition to AI GJIROKU, a communication intelligence that utilizes speech recognition technology born from the development of an AI dialogue engine, we also develop and provide products, such as

altBRAIN, AI Call Center, and CLONEdev, that provide solutions to various business issues through PoC (Proof of Concept).

<https://alt.ai/en/>

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