

Kaitiaki in the Digital Age

AI, Indigenous Knowledge, and Climate Decision-Making

Conny Huaki · Graeme Smith

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HURI TAIAAWHIO KO NGAATI MAAHUTA E

NGAATI MAHUTA KI TE HAUAARU
ENVIRONMENTAL MANAGEMENT PLAN

2025



Cover image: Auau-ki-te Rangi, Maketuu Marae. Photo: Te Ruunanga o Ngaati Mahuta ki te Hauaaauru





THE CHALLENGE

- **Environmental reports are inaccessible for many whaanau.**
- **Critical impacts buried in technical and legal language.**
- **Hapuu and iwi often excluded from key decision points.**
- **AI models usually reflect external values — not ours.**

THE INNOVATION

- Kaitiaki o Ngaati Mahuta GPT
- Transforms complex reports into plain-language insights
- Grounded in EMP and tikanga Maaori
- Supports informed, self-determined climate decisions

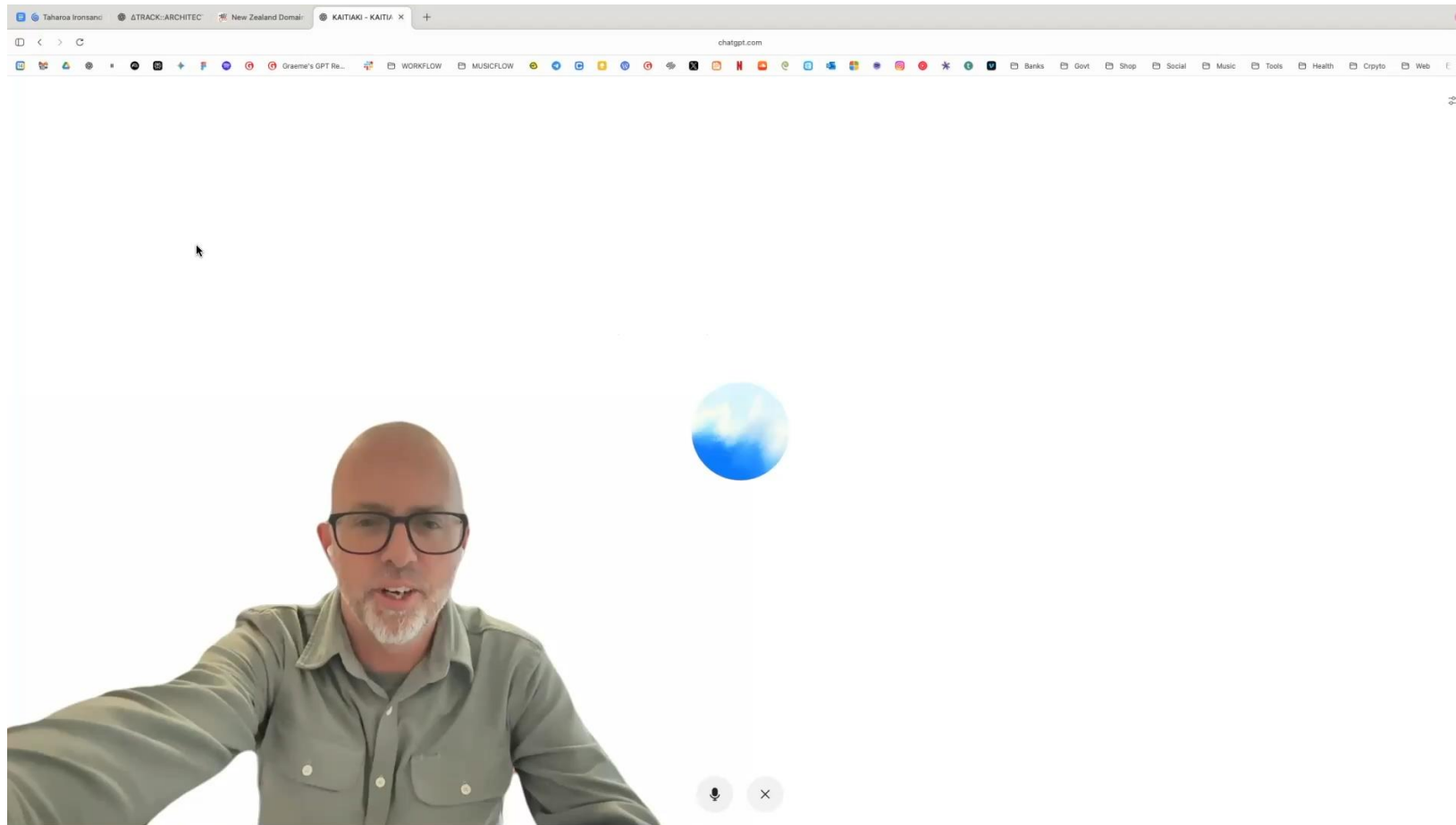
DEMO – KAITIAKI AGENT IN ACTION

Ironsands mining proposal

Kaitiaki provides:

- Context summary
- High-level proposal overview
- Key concerns (tikanga + environment)
- Recommended mitigations
- Cultural domain alignment
- Closing puuraakau reflection

DEMO – KAITIAKI AGENT IN ACTION



LESSONS & FUTURE

- **Maaori Data Sovereignty is non-negotiable.**
- **Next version: likely hosted in Microsoft NZ tenant.**
- **AI must be Maaori-led and tikanga-aligned.**
- **If your iwi or hapuu wants to explore an AI kaitiaki, come and koorero with us.**

Q&A · CONNECT

- Questions?
- Scan to learn more or contact us.

