DOC Data Strategy

Department of Conservation Te Papa Atawhai

DOC STRATEGY		
VISION	**Nature is thriving in Aotearoa | Te Oranga o te Ao Tūroa** Toitū te marae Tāne-Mahuta, toitū te marae a Tangaroa, toitū te tangata | If the land is well and the sea is well, the people will thrive	
PURPOSE	**We protect and restore nature | Toitū te Taiao**	

STRATEGIC OUTCOMES				
Ecosystems and species across Aotearoa are thriving from mountain to sea	Public conservation lands and waters are maintained and improved for future generations	We are an honourable Treaty partner	Connection with nature and cultural heritage enriches people's lives	DOC is a great organisation to work for and with

DATA STRATEGY VISION

Data managed by DOC empowers our people, Treaty Partners, and stakeholders to innovate, make timely, evidence-based decisions, assess progress, manage risks, and achieve their goals.

HOW

We'll achieve the vision by **simplifying** and **maturing** the DOC data system (people, process, technology and data) through:

- embedding clear accountabilities and responsibilities for ongoing delivery of each aspect of the DOC data system
- coordinating and collaborating across DOC
- building a strong and supportive data culture and capability

- leveraging existing investments in tools, practice, and people
- plugging the gaps with well-designed and well supported solutions
- embedding FAIR and CARE principles across DOC
- delivering value early and often

FOCUS AREAS & OUTCOMES

(Aligned to the NZ Government Data Strategy and Roadmap 2021)

TE TIRITI	TRUST	LEADERSHIP	CAPABILITY	INFRASTRUCTURE	DATA/ANALYTICS
The DOC data system supports our role as an honourable Treaty Partner. The Ngā Tikanga Paihere guidelines, co-design and CARE principles (**C**ollective benefit, **A**uthority to control, **R**esponsibility, **E**thics) are used as core elements of developing and embedding Māori data governance. DOC supports Iwi reuse of Māori data and accommodates understanding of mātauranga.	Guidance, practice, and DOC data system settings enable data to be managed and used and shared and reused safely and ethically. DOC, our Treaty Partners and stakeholders have high trust in the quality of the data and analysis we use, and in how personal and sensitive data is managed accessed and used.	A robust governance framework champions the strategic value of the DOC data system, prioritises and drives ongoing investment while monitoring data system outcomes. Data standards are fit-for-purpose and embedded. Data collection, management and use, and data ethics standards are complied with. The DOC data system enables Māori data governance.	DOC has the capabilities and capacity to sustainably manage, govern, and make effective use of the DOC data system. DOC's data analytics maturity is growing, enabling greater sophistication of data use. DOC supports the data literacy uplift of its staff and Treaty Partners.	The DOC data system is supported by robust and flexible platforms and processes, that provide for the secure creation, management, and sharing of data and analytics, and enabling open data and the use of emerging technologies.	Current and future data and analytics needs are understood and able to be met. Data and data analysis is fit-for-purpose, of known quality, is FAIR (**F**indable, **A**ccessible, **I**nteroperable, **R**eusable) and is treated with CARE (**C**ollective benefit, **A**uthority to control, **R**esponsibility, **E**thics). Analytics maturity supports answering key organisational questions.