

Department of Scientific and Industrial Research established

(McGuinness Institute, 2012)

February 2012

Report 9

Science Embraced

Government-funded Science under the Microscope





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Strategy			Purpose		Governme
Strategic Intent			Mission, Values and Vision	•	nt-funded Scien
Organised research capability had not been a priority in a new, developing nation but attitudes started to change as successive governments realised the importance of research and science to the economic and social growth		A system was developed to respond to problems and commercial imperatives in the primary industries (such as agriculture) (SFI, 2009a: 14).	Mission. Early government-funded science focused on understanding and taking resources from a new land mass. ¹⁷	Era 1: 1865 – 1926	Government-funded Science 1863-2003 (51.) =
Transforming DSIR from administrator to provider, with increased investment in scientific research and an emerging commercial imperative for science. ¹⁸			Government-funded Science announce support scientific research through one dominant institution: the Department of Scientific Industrial Research (DSIR) (SFI, 2009a: 20).	Era 2: 1926 – 1989 Mission:	The second secon
RS&T to 'grow an inclusive, innovative economy for the benefit of all'. (MoRST, 2000: 5)		Science was seen as a commercial enterprise. There was debate over the enterprise. There was debate over the degree to which government should influence the shape of research (SFI, 2009a: 20–25).	create a market for scientific research. Science and technology were linked to economic growth. Values:	Mission: Government-funded science aimed to	Era 3: 1989 – 2010
as the Government's lead agency on the science system and contribute to the science system and contribute to the oversight of New Zealand's innovation system.' Further, one of the initiatives for system.' Further, one of the organisational strategy for MSI' (MSI, 2011a organisational strategy for MSI' (MSI, 2011a 16, 26).	Vision: 'High-performing science and innovation 'High-performing New Zealanders' systems improving New Zealanders' wealth and wellbeing' (MSI, 2011a: 6). 'fert-blishing a single entity that can act	MSI to be a high-performing agency and that 'there will be a project defining the values for MSI and the integration of these across the organisation. These will form the baseline of our expectations of behaviour and standards and will be rolled out across the organisation' (MSI, 2011a: 27).	Values: The MSI's Statement of Intent: 2011–2014 The MSI's Statement of will be a focus notes that in 2011 'there will be a focus on actively shaping a culture that supports	Mission: Government-funded science aims to create Government for New Zealand' (MSI, 2011a: 6).	Era 4: 2010 – 2012

of the colony (SFI, 2009a: 15).---

The New Zealand Geological Survey was formed in a move to identify and control mineral assets such as gold and coal (Nathan, 2007). The Survey also took control of the Colonial Laboratory and Museum, which worked until 1892 to identify and describe New Zealand's natural assets (Galbreath, 1998). The primary function of the DSIR changed significantly during this period. In 1926, the Scientific and Industrial Research Act 1926 stated that the functions of the DSIR were maintenance, administration and the provision of advice.

The Scientific and Industrial Research Act 1974 repealed the 1926 Act and stated that the principle of the DSIR was to 'initiate, plan and implement research calculated to promote the national interest of New Zealand' (SFI, 2009a: 19).



