

Productivity Symposium

Growing more innovative and productive Kiwi firms

With

Professor Eric Bartelsman
Dr Peter Crabtree
Gary Dunnet
Professor Bronwyn Hall
Professor Shaun Hendy

Sarah Holden
Professor Adam Jaffe
Gabriel Makhoul
Sir David Ramsden
Murray Sherwin

Professor Kaj Storbacka
Dr Simon Wakeman
Professor Beth Webster

Welcome from the Productivity Hub Board

Welcome to the 2015 Productivity Symposium: Growing more innovative and productive Kiwi firms

We like to think that Kiwis are an innovative bunch. Give us some no. 8 fencing wire and see what we come up with. We're proud of the fact that, among other things, we invented instant coffee and were the first to use whistles in sports games.

Yet Kiwi firms are good at some aspects of innovation but not so good at others. This is why the Productivity Hub Board – the New Zealand Productivity Commission, the Ministry of Business, Innovation and Employment, Statistics New Zealand and the Treasury – teamed up with Motu Economic and Public Policy Research to see what the rich firm-level data Statistics New Zealand puts together – from tax records, patenting and trademark filings, and the Business Operations Survey – tell us about innovative activity.

This is also why we are holding today's symposium on growing more innovative and productive Kiwi firms. This symposium will cover:

- How the longitudinal business database (LBD) could help us better understand innovation and business performance;
- The latest international thinking on innovation and productivity; and
- The design of R&D support schemes and government interventions to support innovation in New Zealand and around the world.

We will hear from four international speakers: Professor Eric Bartelsman, Professor Bronwyn Hall, Professor Beth Webster and Sir David Ramsden. We will also hear from nine domestic speakers, including Professor Shaun Hendy, Professor Kaj Storbacka and Professor Adam Jaffe. Time will be set aside for question and answer sessions with the speakers.

The Productivity Hub Board would like to thank these speakers, along with the people working behind the scenes, for giving their time to take part in and help with this conference. The Hub Board would also like to thank today's sponsors – whose support means that an event of this calibre can be provided without charge to attendees.

Finally, the Hub Board would like to thank the organisations who have supported the Hub throughout the year. The Productivity Commission has funded the Hub Secretariat as well as regularly hosting Hub events. Statistics New Zealand has helped with accessing and using the LBD. Motu has worked closely with Hub agencies to help build capacity to use microdata, and the New Zealand Initiative and Professor Norman Gemmill, the Victoria University of Wellington Chair in Public Finance, have also helped with events and research.

**Thank you for choosing to attend the 2015 Productivity Symposium.
We hope you find it an enjoyable and worthwhile day.**

Programme

9.00 – 9.15	Introduction and welcome	Gary Dunnet, Statistics New Zealand
9.15 – 10.30	Panel discussion	Sarah Holden, Callaghan Innovation Professor Kaj Storbacka, University of Auckland Professor Shaun Hendy, Auckland University
10.30 – 11.00	Morning tea	
11.00 – 11.30	Keynote address	Gabriel Makhoul, New Zealand Treasury
11.30 – 12.00	Keynote address	Sir David Ramsden, HM Treasury
12.00 – 12.45	Lunch	
12.45 – 1.30	Keynote address	Professor Beth Webster Swinburne University of Technology
1.30 – 2.00	Discussant	Professor Adam Jaffe Motu Economic and Public Policy Research
2.00 – 2.30	Afternoon tea	
2.30 – 3.15	Keynote address	Professor Bronwyn Hall University of California at Berkeley
3.15 – 3.45	Discussant	Dr Simon Wakeman New Zealand Productivity Commission
3.45 – 4.30	Keynote address	Professor Eric Bartelsman Vrije Universiteit Amsterdam
4.30 – 5.00	Discussant	Dr Peter Crabtree Ministry of Business, Innovation and Employment
5.00 – 5.15	Closing remarks	Murray Sherwin New Zealand Productivity Commission
From 5.15 pm	Networking function	

The day will be facilitated by Dr Patrick Nolan, New Zealand Productivity Commission.

This conference is kindly supported by:



Today's speakers



Professor Eric Bartelsman

Professor of Economics, Vrije Universiteit Amsterdam

Professor Bartelsman has a B.S. in Economics from the Massachusetts Institute of Technology and received his PhD from Columbia University. He served as economist at the Federal Reserve Board in Washington DC, as advisor to the CPB, Netherlands, and as Head of the Economic Research Department at the Ministry of Economic Affairs in the Netherlands. In 2007 and 2008 he was a member of the Netherlands Council of Economic Advisors (REA). His research focus is on the sources of productivity growth, both from a micro and macro point of view. Bartelsman is a Fellow of the Tinbergen Institute and IZA Bonn.



Professor Bronwyn Hall

Professor of Economics, Emerita, University of California, Berkeley

Professor Hall is Emerita Professor at the University of California at Berkeley, a Research Associate of the National Bureau of Economic Research and the Institute for Fiscal Studies, London, and a Visiting Fellow at NIESR, London. She currently serves as an associate editor of the Economics of Innovation and New Technology, and of Industrial and Corporate Change. She is also a member of several advisory boards (Solvay Brussels School of Economics and Management, European Patent Office, DIW – German Institute for Economic Research). She received a B.A. in physics from Wellesley College in 1966 and a Ph.D. in economics from Stanford University in 1988.



Sir David Ramsden

Chief Economic Adviser, HM Treasury

Sir David Ramsden was appointed to the Treasury Board in June 2007 and in 2008 was appointed Chief Economic Adviser. In June 2007 he also became Joint Head of the Government Economic Service, the largest single recruiter of economists in the UK, and has been sole Head since 2010. In January 2013 he became Chair of the Treasury's Diversity Board. He is a trustee of Pro Bono Economics and is also President of the Society of Business Economists, on the Council of the Royal Economic Society and a Governor of the National Institute of Economic and Social Research. He was knighted in the 2015 New Year Honours for services to economic policy making.



Professor Beth Webster

Director of the Centre for Transformative Innovation,
Swinburne University of Technology

Professor Webster is the Director of the Centre for Transformative Innovation and an Honorary Professorial Fellow of the Melbourne Institute of Applied Economic and Social Research at the University of Melbourne. She has authored over 100 articles on the economics of innovation and firm performance and has been published in RAND Journal of Economics, Review of Economics and Statistics, Oxford Economic Papers, Journal of Law & Economics and Cambridge Journal of Economics. She has been appointed to a number of committees including the Lomax-Smith Base funding Review; CEDA Advisory Council; the Advisory Council for Intellectual Property; Board Member, European Policy for Intellectual Property Association; and Board Member, Asia Pacific Innovation Network.



Dr Peter Crabtree
General Manager, Science,
Innovation and International,
Ministry of Business,
Innovation and Employment



Gabriel Makhoul
Secretary and Chief Executive,
New Zealand Treasury



Gary Dunnet
Manager, National Accounts,
Statistics New Zealand



Dr Patrick Nolan
Principal Advisor, New Zealand
Productivity Commission



**Professor
Shaun Hendy**
Director, Te Pūnaha Matatini



Murray Sherwin
Chair, New Zealand
Productivity Commission



Sarah Holden
General Manager, External
Relations, Callaghan Innovation



**Professor
Kaj Storbacka**
Professor, Markets and Strategy,
University of Auckland Business
School's Graduate School of
Management



Professor Adam Jaffe
Director, Motu Economic and
Public Policy Research



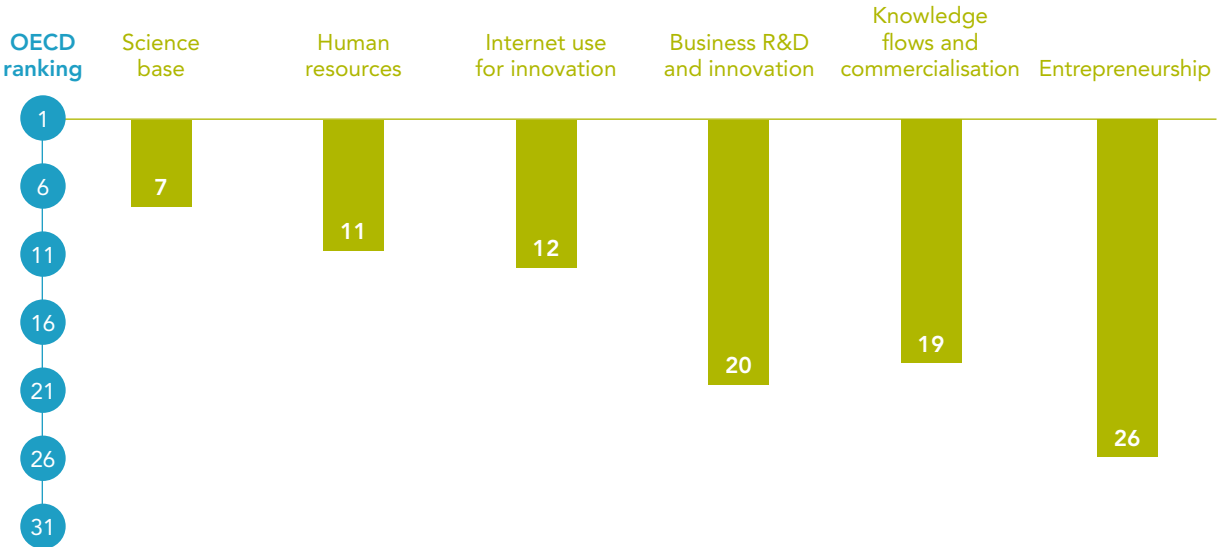
Dr Simon Wakeman
Principal Advisor, New Zealand
Productivity Commission

A simplified framework to analyse economic growth



Source: OECD (2015), "The innovation imperative: Contributing to productivity, growth and well-being".

New Zealand's average ranking in top-level categories of OECD innovation indices



Source: Wakeman and Le (2015), "Measuring the innovative activity of New Zealand firms".