



Technological Transitions and System Innovations

A Co-Evolutionary and Socio-Technical Analysis

Frank W. Geels, Professor of System Innovation and Sustainability, University of Manchester, UK

This important book addresses how long term and large scale shifts from one socio-technical system to another come about, using insights from evolutionary economics, sociology of technology and innovation studies. These major changes involve not just technological changes, but also changes in markets, regulation, culture, industrial networks and infrastructure.

'The book provides a useful interdisciplinary overview of the range of existing theoretical approaches that a scholar might wish to apply to studies of technological transitions and system innovation. In adopting a novel sociotechnical and coevolutionary approach it represents a significant advance in understanding the factors that influence how such transitions come about and identifying important underlying patterns and mechanisms.'

– Andrew Williams, *Journal of Industrial Ecology*

'This major effort at understanding technological transitions from the inside, not only permits a richer understanding of those complex processes in the past, but also provides a powerful set of analytic tools to guide action towards the future. It will be useful for academics, technologists and enlightened policymakers as well as for interested laypersons.'

– Carlota Perez, CERF, Cambridge University and SPRU, University of Sussex, UK

'Sociotechnical transformations have been seen as too complex to grasp, but Frank Geels shows, using a judicious combination of history, sociology and economics of technological change, that it is possible to understand the dynamics and identify specific types of transformation.'

– Arie Rip, University of Twente, The Netherlands

'Frank Geels's book gives us a new perspective on how society moves from one technological regime to another. Understanding these transitions is essential if we are to get to grips with what we need to do to switch our societies to more sustainable states and how technologies figure in that switch.'

– Ken Green, Institute of Innovation Research, The University of Manchester, UK

2005 328 pp Hardback 978 1 84542 009 3 ~~£99.99~~ £111.00 ~~\$148.50~~ \$165.00

Elgaronline 978 1 84542 459 6

Edward Elgar Publishing Ltd. is registered in the UK at: The Lypiatts, 15 Lansdown Road, Cheltenham, Glos GL50 2JA. Registered number: 2041703

How To Order

Online

www.e-elgar.com

Get up to 20% discount when you order online

By Email

UK/ROW: sales@e-elgar.co.uk

N/S America: elgarsales@e-elgar.com

By Phone

UK/ROW: +44 (0) 1242 226934

N/S America: +1 413-584-5551

Connect With Us

Find us on Facebook

facebook.com/EdwardElgarPublishing

Follow us on Twitter

For news, views and offers

[@ElgarPublishing](https://twitter.com/ElgarPublishing)

Read our Blog

For news, views and debate from our authors and readers.

<https://www.elgar.blog>

For More Information

UK/ROW: info@e-elgar.co.uk

N/S America: elgarinfo@e-elgar.com