

## Erik van der Vleuten

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Erik van der Vleuten is Principal Investigator of IP2.

Erik's (1968) main research interest is the co-evolution of (infrastructure) technologies and societal change in the 19th and 20th centuries. He published on specific infrastructure, such as the electrification of Denmark (Ph.D. thesis, 1998); wet infrastructure in the Netherlands; and European electric power networks and refrigerated food transport. He also worked on broader syntheses, such as the intertwinement of infrastructure- and nation building (the 'Networked Nation') and the role of transnational infrastructure in the shaping of contemporary Europe ('Networking Europe'). Finally he is interested in historiographical and theoretical issues, including the possibility of a transnational history of technology, and of critical transactionalism as a perspective on infrastructure & regional integration/fragmentation.

Erik teaches at the School of Innovation Sciences, Eindhoven University of Technology, and is a program director at the Netherlands research school for economic and social history, the N.W. Posthumus Institute. He participated in the pan-European research programs Tensions of Europe/Inventing Europe as co-director of the research network on transnational infrastructure (1999-2006), principal investigator in the EUROCRIT program (2007-), and member of the Tensions of Europe transition and advisory committees.

In EUROCRIT Erik is an overall program co-organizer, member of the book editor team, and principal investigator responsible for subproject 2 on transnational electricity infrastructure.

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Books/ edited volumes:

- Erik van der Vleuten & Arne Kaijser, eds., *Networking Europe. Transnational infrastructures and the shaping of Europe, 1850-2000* (Sagamore Beach, MA: Science History Publications, 2006). Table of contents (132.88 kB).
  
- Erik van der Vleuten & Geert Verbong, eds., *Networked Nation. Technology, society and nature in the Netherlands in the 20th century*. Special issue of *History and Technology* 20 (3) (2004).
  
- Wim Ravenstein, Leon Hermans, & Erik van der Vleuten (eds), *Participation and globalization in water system building*. Special issue of *Knowledge, Technology & Policy* 14 (4) (2002).
  
- Erik van der Vleuten, *Electrifying Denmark. A symmetrical history of central and decentral electricity supply until 1970* (Ph.D. dissertation, University of Aarhus, 1998) (33.84 MB).

Relevant scientific articles/book chapters in English

- Erik van der Vleuten, "Feeding the Peoples of Europe. Transnational Food Transport Infrastructures in the Early Cold War, 1947-1960", in: Badenoch & Fickers (ed), *Untangling Infrastructures and Europe: mediations, events, scales* (London: Palgrave Macmillan, expected 2010)
  
- Erik van der Vleuten & Vincent Lagendijk, *Interpreting transnational infrastructure vulnerability: European blackout and the historic dynamics of transnational infrastructure governance*. *Energy Policy* 38 (2010): 2053&ndash;2062.
  
- Erik van der Vleuten & Vincent Lagendijk, *Transnational infrastructure vulnerability: The historical shaping of the 2006 European blackout*. *Energy Policy* 38 (2010): 2042&ndash;2052.
  
- Erik van der Vleuten. &lsquo;Networked Nation. Infrastructure integration of the Netherlands,&rsquo; in: Johan Schot, Arie Rip, and Harry Lintsen (eds), *Technology and the making of the Netherlands. The age of contested modernization 1890-1970* (Zutphen: MIT Press/ Walburg Pers, 2010), 47-123.

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Erik van der Vleuten,  
'Toward a transnational history of technology. Meanings, Promises, Pitfalls', *Technology and Culture* 49 (2008): 974-994.

- Erik van der Vleuten, Irene Anastasiadou, Vincent Lagendijk & Frank Schipper, 'Europe's System Builders: The Contested Shaping of Transnational Road, Electricity and Rail Networks', in: *Contemporary European History*, 16, 3 (2007), pp.321-347. (1.64 MB)

- Erik van der Vleuten and Arne Kaijser, 'Prologue & Introduction: Transnational infrastructures and the shaping of contemporary Europe', in: Van der Vleuten and Kaijser (eds), *Networking Europe* (SHP, 2006), 1-22. (166.17 kB)

- Erik van der Vleuten, 'Understanding Network Societies: Two decades of large technical systems studies', in Van der Vleuten and Kaijser (eds), *Networking Europe* (SHP, 2006), 279-314. (2.06 MB)

- Erik van der Vleuten & Rob Raven, 'Lock-in and change: Distributed generation in Denmark in a long-term perspective', *Energy Policy* 34, 18 (2006), 3739-3748. (196.56 kB)

- Erik van der Vleuten & Arne Kaijser, 'Networking Europe', *History and Technology* 21 (1) (2005), 21-48. (281.72 kB)

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Erik van der Vleuten, 'Infrastructures and societal change. A view from the Large Technical Systems field.' *Technology Analysis & Strategic Management* 16 (3) (2004), 395-414. (120.86 kB)

- Erik van der Vleuten, 'Introduction. Networking technology, networking society, networking nature.' *History and Technology* 20 (3) (2004), 195-203. (59.24 kB)

- Geert Verbong & Erik van der Vleuten, 'Under Construction: Material integration of the Netherlands.' *History and Technology* 20 (3) (2004), 205-226. (166.59 kB)

- Erik van der Vleuten & Cornelis Disco, 'Water Wizards: Reshaping wet nature and society.' *History and Technology* 20 (3) (2004), 291-309. (122.34 kB)

Erik van der Vleuten, 'In search of the Networked Nation. Transforming technology, society and nature in the Netherlands in the 20th century.' *European Review of History* 10 (2003), 59-78. (1.25 MB)

- Wim Ravenstein, Leon Hermans and Erik van der Vleuten, 'Participation and globalization in Water system building.

Guest editors' introduction.' *Knowledge, Technology & Policy* 14 (4) (2002), 4-12.

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Cornelis Disco & Erik van der Vleuten, 'The politics of wet system

building: Balancing interests in Dutch water management from the middle ages to the present.' Knowledge, Technology & Policy 14 (4) (2002), 21-40. (2.2 MB)

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Erik van der Vleuten, 'Constructing centralised electricity supply in Denmark and the Netherlands: an actor group perspective.' Centaurus. International magazine of the history of mathematics, science, and technology 41 (1-2) (1999), 3-36. (1.39 MB)

- Erik van der Vleuten, 'Autoproduction of electricity: Cases from Danish industry.' Polhem 14 (2) (1996), 118-154. (3.52 MB)

Small but interesting ;)

- Erik van der Vleuten, 'Large Technical Systems', Blackwell Companion to the Philosophy of Technology (Malden, MA: Wiley-Blackwell, 2009): 218-223. (1.65 MB)

- Vincent Lagendijk & Erik van der Vleuten, 'Electricity infrastructures', Palgrave Dictionary of Transnational History (New York: Palgrave MacMillan, 2009): 315-319. (299.62 kB)

- Frank Schipper & Erik van der Vleuten, 'Transnational infrastructure development and governance in historical perspective', Network Industries Quarterly Vol. 10, nr. 3 (2008): 5-7.