



GJELDER FOR STUDIEÅRET 2015/2016

GRA 8189 Energy, Innovation and the Environment

Studium

Executive Master of Management in Energy (EMME)

Kursansvarlig

Atle Midttun

Institutt

Institutt for innovasjon og økonomisk organisering

Semester

Se studieplan for aktuelt studium

Studiepoeng

6

Undervisningsspråk

Engelsk

Innledning

Læringsmål

Forkunnskaper

Obligatorisk litteratur

Bøker:

- Chesborough, Henry. 2006. Open Innovation, Researching a New Paradigm. Oxford University Press. Oxford. Ch 1
- Christensen, Clayton M. 1997. The innovator's dilemma: when new technologies cause great firms to fail. Boston, Massachusetts, USA: Harvard Business School Press. Introduction and Ch 1-2
- Cooper, Robert G. 2008. "The Stage-Gates Idea-to-Launch Process—Update, What's New, and NexGen Systems". J Prod Innov Manag. pp. 213-232
- Handley, Nick; Shoegren, Jason & White, Ben. 2001. Introduction to Environmental Economics. OUP. Chpt 1 and 2
- Hunt, Sally. 2002. Making competition work in electricity. Wiley. chpt 1-4
- IEA. latest version. World Energy Outlook 2014. latest version. <http://www.worldenergyoutlook.org/>
- IPCC. 2013. Fifth Assessment report. Introduction & excerpts. <http://www.ipcc.ch/>
- Midttun, Atle and Nils-Otto Ørjasæter in Maarten Arentsen, Wouter van Rossum and Albert Steenge (eds. 2010. "The Firm as a Nexus Of Product Cycles: Organising Intrapreneurship in The Innovative Firm", in Maarten Arentsen, Wouter van Rossum and Albert Steenge (eds): Governance of Innovation. Edward Elgar. Cheltenham
- Randers, Jørgen. 2012. 2052 A Global Forecast for the Next Forty Years. Chelsea Green Publishers. summary, p99+30pp; p 40 + 9pp; p 14 +8pp
- Weizsäcker, Ernst von. 2009. Factor Five. Earthscan, Sterling USA. pp. 1-19, 267-268, 279-299

Artikler:

- Cooper, Ross G.. 2008. The Stage-Gates to Idea-to-Launch Process - Update, What's New and NextGen Systems. journal of Product Innovation management

Tidsskrift:

- Borins, S. 2001. "Public management innovation - Toward a global perspective". American Review of Public Administration. No 31 (1). pp. 5-21
- Conner, Kathleen R. & C. K. Prahalad. 1996. "A Resource-based Theory of the Firm-Knowledge Versus Opportunism". Organization Science. Vol 7, No 5 (Sep-Oct)
- Hartley, Jean. 2005. "Innovation in governance and public services: Past and present". Public Money & Management. No 25 (1). pp. 27-34

Hax, A.C. & Majluf. 1984. The Corporate strategic Planning Process. Interfaces, vol 14. Jan-feb 1984
Kondratieff N. D. and W. F. Stolper. 1935. "The Long Waves in Economic Life". The Review of Economics and Statistics. Vol 17, No 6 (Nov). pp. 105-115
Kuznets, Simon. 1940. "Schumpeter's Business Cycles". The American Economic Review. Vol 30, No 2, Part 1 (June). pp. 257-271
Midttun, Atle. 2012. "The greening of European electricity industry: A battle of modernities". Energy Policy. Vol 48 (Sep). pp. 22-35 (14 p)
Perez, Carlota. 2010. "Technological revolutions and techno-economic paradigms". Cambridge Journal of Economics. Vol 34, Issue 1 (Jan). pp. 185-202
Schleicher-Tappeser, Ruggero. 2012. How renewables will change electricity markets in the next five years. Energy Policy. Vol 48 (Sep). pp. 64-75
Wene, Clas-Otto. 2008. "Energy Technology Learning Through Deployment In Competitive Markets". The Engineering Economist. 53, pp. 340-364

Anbefalt litteratur

Artikler:

OECD. 2011. Green Growth Studies: Energy. EA-OECD publications, Paris. Executive summary/ Introduction compulsory, the rest is recommended browsing. www.oecd.org/greengrowth.
OECD. 2012. World Energy Outlook. Ch 3, 4, 7 <http://ostseis.anl.gov/guide/oilshale/>
OECD/IEA. 2011. Deploying Renewables, Markets and Politics. IEA-OECD publications, Paris. Executive summary/ Introduction compulsory, the rest is recommended readings

Emneoversikt

Dataverktøy

Læreprosess og tidsbruk

Eksamen

Eksamenskode(r)

Hjelpemidler til eksamen

Kontinuasjon

Tilleggsinformasjon