



GJELDER FOR STUDIEÅRET 2016/2017

## GRA 8511 Business Models for Green Energy Transition

### Studium

Executive Master of Management in Energy (EMME)

### Kursansvarlig

Atle Midttun

### Institutt

Institutt for kommunikasjon og kultur

### Semester

Se studieplan for aktuelt studium

### Studiepoeng

5

### Undervisningsspråk

Engelsk

### Innledning

### Læringsmål

### Forkunnskaper

### Obligatorisk litteratur

#### Annet:

Available in compendium:

Chesbrough, H. W. and Rosenbloom, R. S. (2002) "The Role of the Business Model in Capturing Value from Innovation: Evidence from Xerox Corporation's Technology Spin-off Companies," *Industrial and Corporate Change* 11: 533–4

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

Hunt, Sally (2002): *Making competition work in electricity*. Wiley. New York. (selection 1-4)

IEA (2015) *World Energy Outlook – introduction and excerpts*

Midttun, Atle and Piccini Proadpran Boonprasurd (2016) "Facing The Climate And Digital Challenge: European Energy Industry From Boom To Crisis And Transformation". BI – Center for Energy and Environment Working paper

Osterwalder Alexander, Pigneur, Yves (2010): *Business Model Generation: A Handbook for Visionaries, Game Changers, and Challengers*. Wiley Hoboken, N.J

Schleicher-Tappeser, Ruggero. 2012. *How renewables will change electricity markets in the next five years*. *Energy Policy*. Vol 48 (Sep). pp. 64-75

Weizsäcker, Ernst von. 2009. *Factor Five*. Earthscan, Sterling USA. pp. 1-19, 267-268, 279-299

Wene, Clas-Otto. 2008. "Energy Technology Learning Through Deployment in Competitive Markets". *The Engineering Economist*. 53, pp. 340-364

Zott, Christoph, Amit, Raphael (2013): 'The business model: A theoretically anchored robust construct for strategic analysis'

### Anbefalt litteratur

#### Annet:

Available in compendium:

Chesborough, Henry. 2006. *Open Innovation, Researching a New Paradigm*. Oxford University Press. Oxford. Ch 1

IPCC 2013 Fifth Assessment Report: CLIMATE CHANGE 2013 The Physical Science Basis summary for

Policy-makers [http://www.ipcc.ch/report/ar5/#.UvP2\\_fldX\\_I](http://www.ipcc.ch/report/ar5/#.UvP2_fldX_I) (27pp)  
Midttun, Atle & Toporowska, Elzbieta (2014) "Sequencing Lead Markets for Photovoltaics" in Achim Brunnengraber & Maria Rosaria Di Nucci (eds) Im Hürdenlauf Zur Energiewende. Springer VS, Berlin, 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

## **Emneoversikt**

## **Dataverktøy**

## **Læreprosess og tidsbruk**

## **Eksamen**

## **Eksamenskode(r)**

## **Hjelpemidler til eksamen**

## **Kontinuasjon**

## **Tilleggsinformasjon**