

### Curriculum Vitae

# Bjørnar Andreas Kvinge

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#### Profile

Bjørnar holds a Master of Economics from University of Oslo. Kvinge has 20+ years' experience from public sector and from research and consultancy. His background includes SSB, TØI, Asplan Analyse and NPD - Oljedirektoratet. Kvinge has for many years analysed the Norwegian oil and gas industry and been part of the NPD-team that makes the projections of activities on Norwegian Continental Shelf. He has had an active role in several research projects related to regulation of oil and gas. He has a special interest for economic assessment of climate initiatives as Power from Shore and Carbon Capture and Sequestration. Kvinge is passionate user of modern data solutions for analysing data.

**Key qualifications:** Petroleum Economics, Petroleum Tax, Profitability Analysis, Gas Market, Regulations, Project leadership, Oil for development, Training, Cost Benefit Analysis, Microeconomics and modelling, Transport and Communication, Regional Economics, Public Economics, BI-tools, ETL-tools, Big Data.

#### Education

2012-2013 Project leadership, BI

2008-2010 Leader development program at Norwegian Petroleum Directorate

2001 Categorical data analysis, Ben Akiva, MIT University

2000 Cand.Polit. (Master of Economics)

## Professional Experience

2020 -	Vista Analyse AS, Senior Economist
2018- 2019	Vista Analyse AS, Senior Economist
2005- 2020	Norwegian Petroleum Directorate, Chief Engineer, Senior Economist
2004-2005	Asplan Viak AS, Consultant
2001-2004	Institute of Transport Economics, Researcher
2000-2001	Statistics Norway, Principal Consultant

## Projects for Vista Analyse

Se www.vista-analyse.no for offentlige rapporter

2022 KS, Values of inclusion, With USN, Norce, NTNU, Vive County Governor of Rogaland, Additional costs of fragmented city areas and benefits 2021 from municipal mergers 2021 Ministry of Foreign Affairs, Status for Climate policies in Central Asia, with Cicero 2021 Ministry of Foreign Affairs, Public expences and inequality, with SSB KS, Values of inclusion, With USN, Norce, NTNU, Vive 2021 2021 Norad, Financial cross-border transactions, with SSB 2021 Norad, Fish for Development, Colombia, with Scanteam og NIVA 2021 Oil for Development, Capacity Building Somalian Authorities Statkraft, Macro projections, estimates and methodology 2019 Oil for Development, Capacity Building Myanmar Abatement costs for CCS in Norway, Vista Analyse together with Sintef 2019

> **Enova**: Indicators for market change to low-emission technologies in transport sector **Energy Journal on Analysis**, cowriter on paper about investment practise on Norwegian

Continental Shelf (NCS)

**NPD**, cowriter on analysis of drilling of wells on fields **Oil for Development**, Revenue Management Somalia

## Most Relevant Experience

2018

2021	Ministry of Foreign Affairs, Public expenditures and equality ongoing. With SSB Research department
2021	NORAD, Cross border financial streams, together with SSB
2021	Statkraft, Macro projections, estimates and methodology
2020	Power from shore to NCS, report published by NPD
2020	Project Director Petroleum programme, OfD Mozambique, NPD
2020	QC of Cash flow model for Mozambique, NPD
2016-2020	Developing new cash flow model, including tax revenue prognosis on NCS (current official prognosis tools), NPD
2019	Abatement costs for CCS in Norway, Vista Analyse together with Sintef
2019	Fari-model training, Myanmar, Vista Analyse
2018-2019	Consultant on fiscal advice for Somalia, Vista Analyse
2016-2018	New guidelines for Socio-economic analysis on NCS, NPD Project lead by Ministry of Petroleum and Energy. Several public agencies involved including Ministry of Finance. NPD Participant
2017-2018	Developed module for Petroleum Economics for resource management for Oil for Development, NPD
	Training sessions held for professionals from Angola, Cuba, Lebanon, Monte Negro,

Tanzania, Somalia and Sudan

2015-2017	The State vs. Gassled owners, NPD
	Project responsibility and witness in connection to NPD's testimony in Lagmannsretten.
2015	Estimating abatement cost curve – Power from shore, IAEE
	Paper presented at IAEE world congress in Turkey
2011-2018	Profitability analyses on project, State, and company level.
	Both from company perspective and socio-economic perspective
2011-2017	Discipline lead in Petroleum Economics
	Responsible for Economist team's personal professional competence building, Quality Assurance, Knowledge of economic tools and models for NCS and foreign Petroleum Regimes using e.g. WoodMac's GEM.
2008-2014	Member and leader of Solstrandseminaret on Oil and Economics, NPF
2009-2010	An industry for the future – about petroleum activities, St. 28 (2010-2011), NPD
	Project lead in NPD as part of leader development programme
2008-2010	Klimakur 2020 (Climate Cure 2020), NPD
	Part of coordinating committee, Multidisciplinary public research programme on possible Norwegian Climate Abatement Initiatives. Lead on abatement cost
	measurement in NPD. Abatement costs for CCS and power from shore was estimated within the NPD team.
2007-2008	<b>«Power from shore to NCS»</b> , Project lead on <i>report submitted by group of NPD,</i> Norwegian Environment Agency, Norwegian Energy Directorate and Petroleum Safety Agency
2005-2010	Participant on World bank's global gas flaring reduction initiative (GGFR)
2002-2004	<b>Participating in European research programme</b> , TØI, financed by European Commission on Future Railway Transport in Europe – Improverail

# Language Skills

Norwegian Mother's tongue

English Fluent