

# National Guidance Research Forum (NGRF) website

Professor Jenny Bimrose & Professor Alan Brown

Warwick Institute for Employment Research  
University of Warwick

[Jenny.bimrose@warwick.ac.uk](mailto:Jenny.bimrose@warwick.ac.uk)



# NGRF website and LMI

**Initially Government funded**

**(DfES: October 2002 – March 2005)**

**Subsequently drawn on multiple sources of  
funding**



# NGRF website and LMI

## Purposes of the website to:

- create and support an online community of interest for careers
- bring practice, research and policy closer together
- focus upon the core problems of practice



# NGRF website and LMI

**Target audience: (used more widely)**

- career guidance practitioners
- managers
- policy makers
- trainers
- researchers



# NGRF website and LMI

## Structure:

- Effective Guidance
- LMI Future Trends – Labour Market Information
- LMI online learning resource



# National Guidance Research Forum

## Welcome to the NGRF

Home

About the NGRF

Making Guidance More Effective

LMI Future Trends

LMI Learning

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The National Guidance Research Forum (NGRF) website was first launched in 2004 for Careers Guidance Practitioners and Researchers as a collaborative project between the Institute of Employment Research (IER), University of Warwick, Centre for Guidance Studies, University of Derby and KnowNet a specialist software company based in Wales.

The NGRF facilitates knowledge sharing and reference for those interested in guidance research and practice including: practitioners; policy makers; researchers; guidance trainees; tutors and trainers.

The three sections focus on: '[Making Guidance More Effective](#)', covering policy and the technical issues surrounding guidance; '[LMI Future Trends](#)', the current and predictive labour market information on some 20+ UK occupational sectors; and '[LMI Learning](#)' - a professional online learning module for those wishing to extend/consolidate their guidance knowledge.



Effective  
Guidance



LMI Future  
Trends



LMI Learning  
online module

### LATEST NEWS

Tue 11 Aug '09

[New look NGRF](#)

### SEARCH

Search the NGRF site by typing a keyword here or by using the [Table of Tags](#) or [Sitemap](#) pages

Search

### CONTACTS

[Sally-Anne Barnes](#)  
[Jenny Bimrose](#)  
[Alan Brown](#)

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# National Guidance Research Forum



## Making Guidance More Effective

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### Improving practice



### New approaches in guidance



### Evaluating impact



### Understanding equal opportunities



### Using research in practice



### Understanding policy

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# NGRF website and LMI

## Effective Guidance

### Development process (bottom up):

- groups convened to identify gaps – produced scaffolding to structure website content and learning activities
- process - given us a platform, grounded in the realities of guidance practice





# National Guidance Research Forum

## LMI Future Trends - Labour Market Information

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### What is LMI Future Trends and how to use it

*Bringing Labour Market Information and Intelligence to the front line of guidance practice*

LMI Futures Trends, one strand of the NGRF website, has labour market information on 24 sectors and broad occupational groups focusing on future changes in the labour market and skills. The information has been provided by Sector Skills Councils, thus ensuring that it is up-to-date, reliable and endorsed by employers. It brings together key research and information from leading datasets, linking to full texts and leading organisations in the sectors. It is aimed at those wanting to improve and update their knowledge of the UK labour market. Each sector includes:

- Sector information – skills gaps and shortages, future employment and drivers
- Regional and national dimension – what's happening in your area
- Occupations – job information, salary levels and occupational demands
- Equal opportunity issues – key statistics, issues and challenges
- Education and training – what's available and how to access it
- Links and sources – hyperlinks to the full texts and additional resources

### Sectors covered

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# NGRF website and LMI

## LMI Future Trends

- LMI on 24 sectors
- Brings to together LMI and intelligence from a range of sources
- Structure and content developed in consultation with practitioners and SSCs
- Future sector developments planned



# National Guidance Research Forum

## Sectors Covered

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Click on a letter to jump to the relative sectors



Agricultural, animal and environmental industries



Audio-visual Industries



Automotive retail



Building services engineering



Chemical, nuclear, oil and gas,  
petroleum and polymer industries



Clothing, footwear, textiles and servicing



Construction



Creative and cultural industries



Education



Energy and utilities



Engineering



Financial services

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Financial services



Food and drink manufacturing and processing



Health



Hospitality



IT and Telecoms



Justice



Logistics



Passenger transport



Process and manufacturing



Property and facilities management



Retail



Social care



Sport and leisure



# National Guidance Research Forum

## Engineering and the sciences

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## Sector Information

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Cogent is the Sector Skills Council for the science-based industries, including: chemical; pharmaceutical; nuclear; oil and gas; petroleum; and polymer. The main activities of these industries include:

- exploration for and extraction of oil and gas from the UK continental shelf
- refining of crude oil
- storage, blending and distribution of petroleum-based fuels
- retail sale of fuel on forecourts
- manufacture of lubricants and bitumen, chemicals, consumer products and active ingredients for the pharmaceutical industry
- nuclear propulsion
- defence – nuclear deterrent
- nuclear fuel cycle and heat generation, plus decommissioning and clean-up
- conversion of raw polymer into products and components
- manufacturing and designing machinery and equipment for polymer processing
- manufacturing and installation of signs
- design, innovation and research and development linked to new material and their applications

The Cogent sector contributes £49 billion to the UK's Gross Value Added (GVA). Productivity is £98,394 GVA per worker, compared to an average of £31,419 in the UK. There has been a decline in the sectors GVA share from 7.2% in 1997 to 6.4% in 2006.

### Key statistics on the sector:

- covers over 19,000 employers
- there are 503,000 people (excluding contractors) working in the sector
- industry estimates (which includes contractors) suggest 906,000 people are working in the sector
- sector accounts for 2% of all employment in the UKs
- accounts for 6.5% of the UK GVA
- 68% of employers in the sector have between 1-10 employees
- 2% of employers have more than 200 employees
- employs 12% of the manufacturing workforce
- accounts for 7% of UK manufacturing enterprises
- it is estimated that a further £2.4 billion would be added to GVA if workforce skills were improved

Sources: Cogent LMI report June 2009 and Cogent Sector Skill Needs Assessment 2006

### In this section:

[Employment](#)[Employment forecasts](#)[Recruitment and skills shortages](#)[Future skills supply](#)

## Sub-sectors

### Data and charts

[Number of employees and employers in the Cogent sector, 2006](#)

[Employment forecasts for the Cogent sector, 1998-2022](#)

[Employment status of Cogent workforce, 1994-2014](#)

# National Guidance Research Forum

## Number of employees and employers in the Cogent sector, 2006

	Total number of employees 000s	Total number of employers
<b>Cogent</b>	503	15,365
<b>Polymers</b>	200	6,806
<b>Chemicals</b>	118	2,685
<b>Pharmaceuticals</b>	71	571
<b>Petroleum retail</b>	60	4,664
<b>Oil and gas</b>	30	426
<b>Petroleum and Nuclear</b>	24	213

Source: Cogent Sector Annual Business Inquiry Trend Data 1997-2006. Data compiled from Annual Business Inquiry.

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- ✚ [Futureskills Scotland Sector Profile for Chemicals, Nuclear, Oil & Gas, Petroleum and Polymers](#) <sup>Ⓔ</sup> (2007) [Archived sources](#)
- ✚ [Working Futures 2004-2014: Sector report](#) <sup>Ⓔ</sup> (2006)
- ✚ [National Employer Skills Survey](#) <sup>Ⓔ</sup> (2007)
- ✚ [Emerging Future Generations – Economic Report 2005](#) <sup>Ⓔ</sup> (UK Offshore Operators Association, 2005)
- ✚ [Striking a Balance 2005](#) <sup>Ⓔ</sup> (UK Offshore Operators Association, 2005)
- ✚ [Cogent Market Assessment](#) (2003)

### Cogent reports and publications

Cogent LMI report 2010 ([January 2010 report available](#))

[Nuclear LMI Highlights](#) <sup>Ⓔ</sup> (June 2009)

[Nuclear Review](#) <sup>Ⓔ</sup> (June 2009)

[Cogent Sector Annual Business Inquiry Trend Data 1997-2006 \(Facts and figures reference\)](#) <sup>Ⓔ</sup>

[Skills for Science Industries: Skills at Work](#) <sup>Ⓔ</sup> September (2008)

Cogent industry factsheets (2008):

- ✚ [Chemicals](#) <sup>Ⓔ</sup>
- ✚ [Nuclear](#) <sup>Ⓔ</sup>
- ✚ [Petroleum](#) <sup>Ⓔ</sup>
- ✚ [Pharmaceuticals](#) <sup>Ⓔ</sup>
- ✚ [Polymers](#) <sup>Ⓔ</sup>
- ✚ [Oil and gas](#) <sup>Ⓔ</sup>

[National and regional LMI factsheets](#) <sup>Ⓔ</sup> (2008)

[Northern Ireland Sector Skills Needs Assessment](#) <sup>Ⓔ</sup> (2008)

[Cogent Sector Skills Needs Assessment](#) <sup>Ⓔ</sup> (2006)

The Skill Needs Assessment also has the following industry reports:

- ✚ [Chemical industry](#) <sup>Ⓔ</sup>
- ✚ [Nuclear industry](#) <sup>Ⓔ</sup>
- ✚ [Petroleum industry](#) <sup>Ⓔ</sup>
- ✚ [Polymer industry](#) <sup>Ⓔ</sup>

### Useful websites

[Cogent](#) <sup>Ⓔ</sup> is an independent, employer-led organisation and is Sector Skills Council for the science industries, including: oil and gas; chemicals; pharmaceuticals; petroleum; polymer; and nuclear industries. The website has information on each of the Cogent



# NGRF website and LMI

about | ngrf | future-trends | weblog

## Lmi Learning

LABOUR MARKET INFORMATION - ONLINE LEARNING MODULE - NGRF

**Start Here**  
LMI competence check

- The nature of LMI
- The changing labour market
- Locating sources
- Choosing between sources
- Frameworks for practice
- Implementing good practice
- The LMI Learning Blog

**about**  
This is a set of learning materials and activities to help guidance professionals develop their skills in using Labour Market Information, part of the National Guidance Research Forum. [\(more\)](#)

**feedback**  
LMI Learning is a new resource and we are eager to find out what you make of it. Tell us what you think via the evaluation form. Alternatively, please let us know if you encounter any problems or want to make a general comment.

**modules**

- Competence Check
- The Nature of LMI
- The changing labour market
- Locating sources
- Choosing between sources
- Frameworks for practice
- Implementing good practice
- The LMI Learning Blog
- About the LMI Learning modules

**tools**

- Dynamic Site Map
- Advanced Search
- Send this page to...
- Print this page

**log in**

**LMI online learning resource**

**Module aim:**

To develop the ability to access, understand and manipulate LMI as part of effective career guidance



# NGRF website and LMI

## LMI online learning resource

- An LMI self-assessment and competency audit
- The nature of LMI and its role in career guidance
- The changing labour market and key issues for career guidance
- Locating LMI sources
- Frameworks for practice
- Implementing good practice



# NGRF website and LMI

## NGRF users (1 June 2009 - 30 June 2010)

- On average 9,786 visitors per month
- 39% to Effective guidance, 36% visit LMI Future Trends and 7% to LMI learning
- 93,695 unique visitors in the last year
- 22% of visitors have used the NGRF more than once in the last year
- Increasing trend for people to access the NGRF using mobile devices



# National Guidance Research Forum website

**NEW NGRF website to be launched in August 2010**

<http://www.warwick.ac.uk/go/ngrf>

For more information contact:

[Jenny.bimrose@warwick.ac.uk](mailto:Jenny.bimrose@warwick.ac.uk)

**Effective Guidance** – theory, policy and practice of career guidance

**LMI Future Trends** – updated LMI for 24 sectors

**LMI Learning** – online learning module



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