

# European Chemical Regions Network



EUROPEAN CHEMICAL  
REGIONS NETWORK

[www.ecrn.net](http://www.ecrn.net)

## „Who is who“ of Chemical Regions in Europe

Version 1.0

North East South West  
 **INTERREG IIC**

 PROJECT PART-FINANCED  
BY THE EUROPEAN UNION

The Contributors of this “Who is who” brochure are:



GOBIERNO DEL  
PRINCIPADO DE ASTURIAS



SACHSEN-ANHALT

NRW.

Rheinland-Pfalz



Maatschappij



Ida-Viru County



NORTH  
EAST  
LINCOLNSHIRE  
COUNCIL  
[www.nelincs.gov.uk](http://www.nelincs.gov.uk)



Regione Lombardia



HALTON  
BOROUGH COUNCIL  
RUNCORN • WIDNES


REGIONE  
PIEMONTE



Niedersachsen

CHESHIRE  
COUNTY COUNCIL

Diputación de Huelva

provincie limburg 

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## **Introduction**

The Who is Who of Chemical Regions is one major piece of work of the European Chemical Regions Network. It compiles comprehensive information about the chemical industry in the participating regions and about the key players for economic development at regional level.

The Who is Who is meant to be a tool to widen the knowledge about chemical regions in Europe and to allow closer co-operation between regional actors in the future.

This overview would not have been possible without the support of the INTERREG III C programme which gave the European Chemical Regions network the opportunity to exchange experiences in key areas of economic and regional development and to develop joint concepts and strategies to improve competitiveness and sustainability of the chemical industry in our regions.

The European Chemical Regions Network is aiming at representing all major chemical regions in Europe. This Who is Who is therefore not the end but the beginning of a process to widen the knowledge base and to invite further regions to join our network.

This information will also be provided on the ECRN web-site: [www.ecrn.net](http://www.ecrn.net) and will be updated regularly.

Dr. Horst Rehberger

Minister for Economy and Labour of Saxony-Anhalt and ECRN President

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Members of the ECRN Presidium:



From left to right:

Giampaolo Amadori, Managing Director Government of Regione Lombardia, General Direction for Handicraft, New Economy, Research and Technologic Innovation (ITA)

Narcis Mir, Deputy Director, Department of Industry, Generalitat de Catalunya (ESP)

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Dr. Horst Rehberger, Minister for Economy and Labour of the Land Saxony-Anhalt (GER)

Tony Richmond, Councillor Darlington Borough Council (UK)

Boguslaw Kowalski, Vice-Marshall of the Mazowieckie Voivodeship (POL)

# ESPAÑA

## Region: Principado de Asturias

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation: Instituto de Desarrollo Económico del Principado de Asturias - IDEPA



Address (Mail Box, Street)  
Postcode, City  
Country  
Telephone number  
Fax number  
Homepage

Parque Tecnológico de Asturias  
33420 Llanera - Asturias  
Spain  
+34 – 985 – 98 00 20  
+34 – 985 – 26 44 55  
ww.idepa.es

### Type of Organisation:

- Ministry
- University or Educational institution
- Public Organisation (please specify)  Agency for Regional Development of the Principality of Asturias
- Private enterprise
- Other (please specify)

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Fernández, Jaime	Fernández, Ana Elena	Suárez, María José
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Fax Number	+34 – 985 26 44 55	+34 – 985 – 26 44 55	+34 – 985 – 26 44 55

## Regional Economics and Chemistry

### I. Regional Economics (in general)

The Region	Asturias is one of the 17 CCAA in Spain. This region is located in the northwest of Spain. The region lies between the Cantabrian Sea to the north, with 334 km of Atlantic coastline, and the clearly drawn natural boundary of the Cordillera Cantábrica mountain ranges to the south separating it from Central Spain.
Population	1.075.381 (2003)
Area	10.564 km <sup>2</sup>
Population density	101,42 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	12.706 million € (2003)
Main sectors	<p>Historically, economic activity in Asturias has been concentrated in four main sectors: steel, mining, shipbuilding and agriculture. The balance is shifting and over the past few years Asturias has implemented a policy of reindustrialisation that has introduced a high level of diversity and modernization. Services as advanced engineering or software development, and industries such as environmental equipment or new materials are growing fast in Asturias.</p> <p>Right now, however, the sector most rapidly expanding in Asturias is <b>chemicals</b>.</p>
Export	2.113 million € (2003)
Import	2.142 million € (2003)



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## II. Chemical Industry in the Region

### II.1 Statistics

Number of companies in total	approx. 109
Number of employees	2.856 (2002)
Turnover	728,58 million € (2002)
Export rate	168,39 million € (2003)
Sector structure	The main products produced by the chemical sector are carbon-based chemicals, fertilizers, pharmaceutical products, cosmetic and paper. In addition, DuPont manufactures other specialized products.
Share of Chemistry in relation to whole industry in the region	The combined number of employees of the Chemical, and Plastic and Rubber Industries in Asturias represents <b>4.6%</b> of the total Processing Industry of the region and 1.11% of both the Chemical Industry and Plastic and Rubber in Spain.

### II.2 Research capacities

Number of universities, technical colleges, universities of applied science:	1
Number of universities, technical colleges, universities of applied science with chemical department:	1
Technology related institutions:	9

### II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation:	ASOCIACION DE INDUSTRIAS QUIMICAS Y DE PROCESOS DE ASTURIAS
Homepage	<a href="http://www.aiqpa.com">www.aiqpa.com</a>
e-Mail	<a href="mailto:contacto@aiqpa.com">contacto@aiqpa.com</a>

## II.3 Main players (companies)

Company	Employees	Turnover (€)
NACE 24		
Du Pont Ibérica, S.L.	1.020	> 6.000.000
Industrial Química del Nalón	258	> 6.000.000
Alvargonzález Contratas, S.A.	211	> 6.000.000
Fertiberia, S.A.	133	Data not available
Fundación Laboral de minusvalidos Santa Bárbara	130	Between 3.001.000 and 6.000.000
Química Farmaceutica Bayer, S.A.	113	> 6.000.000
Asturpharma, S.A.	111	> 6.000.000
NACE 25		
Linpac Plastics Pravia, S.A.	450	> 6.000.000
Mecanizaciones y Fabricaciones, S.A.	178	> 6.000.000
Source: IDEPA Database		
Companies with less than 100 employees were not listed in the above table.		



## Region: Catalonia

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	Secretariat for Industry and Energy.
Address (Mail Box, Street)	Ministry of Labour and Industry
Postcode, City	Passeig de Gràcia 129
Country	E-08008 Barcelona
Telephone number	Spain
Fax number	+34 – 934 – 767200
Homepage	+34 – 934 – 767282
	<a href="http://www.gencat.net">www.gencat.net</a>

Type of Organisation:

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| Ministry                              | <input checked="" type="checkbox"/> |
| University or Educational institution | <input type="checkbox"/>            |
| Public Organisation (please specify)  | <input type="checkbox"/>            |
| Private enterprise                    | <input type="checkbox"/>            |
| Other (please specify)                | <input type="checkbox"/>            |

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Figuerola, Eduard	Mir, Narcís	Ramon, Ricard
Institution/Company	Secretariat for Industry and Energy	Secretariat for Industry and Energy	Representation of the Government of Catalonia. Brussels
eMail	efiguerola@gencat.net	nmir@gencat.net	ricard.ramon@infoeuropa.org
Internet	www.gencat.net/treball	www.gencat.net/treball	www.infoeuropa.org
Telephone Number	+34 – 934 767 200	+34 – 934 767 200	+32 – 2 – 2310330
Fax Number	+34 – 934 767 282	+34 – 934 767 282	+32 – 2 – 2302110

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	6.704.000 (2002)
Area	32.000 km <sup>2</sup>
Population density	210 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	131.321 million €
Main sectors	Energy and water (6,8 % of overall industry turnover), mining (12,9%), chemicals (15,7%), machinery (26,4%), food products (14,9%), leather and textile (7,3%), paper and publishing (7,5%), other (8,5%)
Export	36.207 million €
Import	51.219 million €

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	1.150
Number of employees	61.100
Export rate	30.8 % of turnover
Sector structure	Main activities include petrochemical, pharmacy, plastic transformation and manufacturing of final consumer goods
Share of Chemistry in relation to whole industry in the region	15.7 % of turnover

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## II.2 Research capacities

Number of universities, technical colleges, universities of applied science: 12

Number of universities / technical colleges, universities of applied science  
with chemical department: 8

(Chemical Engineering, Analytical Chemistry, Organic Chemistry,  
Pharmaceutical, Environmental Chemistry and Materials science)

Technology related institutions:

## II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation: FedeQuim (Federation of Catalan Chemical Industries)  
Homepage: [www.fedequim.es](http://www.fedequim.es)  
e-Mail:

Name of Organisation: AEQT (Association of Chemical Industries of Tarragona)  
Homepage: [www.aeqt.com](http://www.aeqt.com)  
e-Mail: [aeqt@aeqt.com](mailto:aeqt@aeqt.com)

## II.4 Main players (companies)

Main companies with headquarters located in Catalonia (Figures relate to overall operation in Spain)

- BASF Española (714 million € turnover, 910 employees, [www.basf.es](http://www.basf.es))
- Henkel Iberica (558 mio. €, 1380 employees, [www.henkel.es](http://www.henkel.es))
- Reckitt Benckiser España (526 mio. €, 2100 employees, [www.reckitt.com/](http://www.reckitt.com/))
- Novartis Farmaceutica (515 mio. €, 850 employees, [www.novartis.es](http://www.novartis.es))
- Sanofi Synthelabo (443 mio. €, 1.000 employees, [www.aventispharma.es](http://www.aventispharma.es))
- Laboratorios del Dr. Esteve (342 mio. €, 1200 employees, [www.esteve.es](http://www.esteve.es))
- Sociedad Española de Carburos Metálicos (336 mio. €, 1.036 employees, [www.carburos.com](http://www.carburos.com))
- DuPont Iberica (317 mio. €, 790 employees, [www.dupont.com](http://www.dupont.com))
- Boehringer Ingelheim España (305 mio. €, 1.000 employees, [www.boehringer-ingelheim.es](http://www.boehringer-ingelheim.es))
- Bayer Polímeros (281 mio. €, 600 employees, [www.bayer.es](http://www.bayer.es))
- Quimica Farmaceutica Bayer (272 mio. €, 850 employees, [www.bayer.es](http://www.bayer.es))
- Solvay Química (241 mio. €, 640 employees, [www.solvayiberica.es](http://www.solvayiberica.es))

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Main companies with production plants located in Catalonia but headquarters elsewhere include Repsol Química, Repsol Petroleo (37.206 millions euro turnover worldwide, [www.repsolypf.com](http://www.repsolypf.com)), Dow Chemical, Shell and Hoechst.



## Region: Huelva

Logo / Map of the Region



### Responsible ECRN-Partner

Organisation: Excma. Diputación de Huelva  
Address (Mail Box, Street) Av. Martín Alonso Pinzón 9,  
Apartado de correos 214  
Postcode, City 21003, Huelva  
Country Spain  
Telephone number +34 – 959 – 494787  
Fax number +34 – 959 – 494790  
Homepage [www.diphuelva.es](http://www.diphuelva.es)

Type of Organisation:

Ministry   
University or Educational institution   
Public Organisation (please specify)  Local Public Authority  
Private enterprise   
Other (please specify)

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Cejudo, José	Salas, Concha	Vázquez, José Manuel
Institution/Company	Diputación de Huelva	Diputación de Huelva	Diputación de Huelva
e-Mail	<a href="mailto:jmvazquez@dlhuelva.org">jmvazquez@dlhuelva.org</a>	<a href="mailto:huelva@skynet.be">huelva@skynet.be</a>	<a href="mailto:jmvazquez@dlhuelva.org">jmvazquez@dlhuelva.org</a>
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Fax Number	+34 – 959 – 494 790	+32 – 2 – 2300978	+34 – 959 – 494 790

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## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	472.446 (2003)
Area	10.085 km <sup>2</sup>
Population density	46,8 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	6.617,8 mio. € (2003)
Main sectors	Services Sector (65,5% GDP) Industry (15,4% GDP), Building Industry (11,1% GDP) Agriculture and Fishing (8,3%)
Export	1.495 million €
Import	3.118 million €

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	16
Number of employees	5.728 (3.296 permanent staff, 281 temporary staff, 2.151 from auxiliary companies)
Turnover	3.359 million € (2003) [+ 4,4% compared to 2002]
Export rate	35%
Sector structure	Refined Oil and Gas(39%), Chemical Industry (25%), Minerals and Metals(24%), Fertilizers (6%), Cellulose Pulp (4%), Electric Energy (2%)
Share of Chemistry in relation to whole industry in the region	13% (compared to Andalusia)



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## II.2 Research capacities

Number of universities, technical colleges, universities of applied science:

Escuela Politécnica Superior (degrees 3 years), Facultad de CC. Experimentales

Number of universities, technical colleges, universities of applied science

with chemical department:

2

Technology related institutions:

Huelva University and Research and Documentation of the Eucaliptus Centre

## II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation:	Asociación de Industrias Químicas y Básicas de Huelva (AIQB)
Homepage	<a href="http://www.aiqb.es">www.aiqb.es</a>
e-Mail	<a href="mailto:aiqb@aiqb.es">aiqb@aiqb.es</a>

## II.3 Main players (companies)

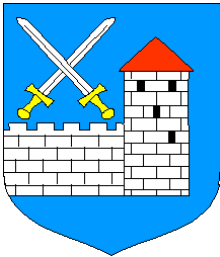
- CEPSA, [www.cepsa.es](http://www.cepsa.es)
- ATLANTIC COPPER, [www.atlantic-copper.es](http://www.atlantic-copper.es)
- FERTIBERIA, [www.fertiberia.es](http://www.fertiberia.es)
- HUNTSMAN-TIOXIDE, [www.huntsman-tioxide.com](http://www.huntsman-tioxide.com)
- ENCE, [www.ence.es](http://www.ence.es)
- FMC FORET, [www.fmcforet.com](http://www.fmcforet.com)
- ARAGONESAS, [www.grupoaragonesas.com](http://www.grupoaragonesas.com)
- RHODIA, [www.rhodia-iberia.es](http://www.rhodia-iberia.es)
- ENAGAS, [www.enagas.es](http://www.enagas.es)
- ENDESA, [www.endesa.es](http://www.endesa.es)
- AIR LIQUIDE, [www.airliquide.com](http://www.airliquide.com)
- REPSOL YPF, [www.repsolypf.com](http://www.repsolypf.com)
- UNIÓN FENOSA, [www.unionfenosa.es](http://www.unionfenosa.es)
- ALGRY, [www.algry.com](http://www.algry.com)



# ESTONIA

## Region: Ida-Viru County

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation: Ida – Viru County Government, ESTONIA  
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Keskväljaku 1  
Postcode, City 41594 Jõhvi  
Country Estonia  
Telephone number +372 – 33 212 01  
Fax number +372 – 33 212 40  
Homepage www.ivmv.ee

### Type of Organisation:

Ministry   
University or Educational institution   
Public Organisation (please specify)  Ida – Viru County Government  
Private enterprise   
Other (please specify)

### Contact details for ECRN:

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Telephone Number	+372 – 64 62984	+372 – 33 21209	
Fax Number	+372 – 64 61525	+372 – 33 21240	

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population 178 000  
Area 3.364 km<sup>2</sup>  
Population density 53 inhabitants per km<sup>2</sup>  
Gross Domestic Product (GDP) 0,76 billion €  
Main sectors Oil-shale industry&energy, Chemical Industry, Metal processing and machine constructionExport..... 5,8 billion €  
Import 4,7 billion €

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## II. Chemical Industry in the Region

### II.1 Statistics

Number of companies in total	15
Number of employees	3.270

### II.2 Research capacities

Number of universities, technical colleges, universities of applied science:	9
Number of universities, technical colleges, universities of applied science with chemical department:	2

### II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation:	AS Viru Keemia Grupp
Homepage	<a href="http://www.vkg.ee">http://www.vkg.ee</a>
e-Mail	<a href="mailto:info@vkg.ee">info@vkg.ee</a>

Name of Organisation:	AS Silmet
Homepage	<a href="http://www.silmet.ee">http://www.silmet.ee</a>
e-Mail:	<a href="mailto:sekretar@silmet.ee">sekretar@silmet.ee</a>

Name of Organisation:	AS Nitrofert
Homepage	<a href="http://www.nitrofert.ee">http://www.nitrofert.ee</a>
e-Mail	<a href="mailto:info@nitrofert.ee">info@nitrofert.ee</a>

Name of Organisation:	AS Narva Elektriijaamad
Homepage	<a href="http://www.powerplant.ee/firmast.php#olitehas">http://www.powerplant.ee/firmast.php#olitehas</a>

Name of Organisation:	Novotrade Invest AS
Homepage:	<a href="http://www.vnk.ee">http://www.vnk.ee</a>

Name of Company:	AS Viru Liimid
Homepage:	<a href="http://www.viruliimid.ee">www.viruliimid.ee</a>

Name of Company:	Kiviõli Keemiatööstuse OÜ
Homepage:	<a href="http://www.keemiatostus.ee">www.keemiatostus.ee</a>
e-Mail:	<a href="mailto:info@keemiatostus.ee">info@keemiatostus.ee</a>



# GERMANY

## Region: Lower Saxony



**Niedersachsen**

Logo / Map of the Region:



### Responsible ECRN-Partner

Organisation:	Lower Saxony Ministry for Economic Affairs, Employment and Transport
Address (Mail Box, Street)	Friedrichswall 1
Postcode, City	D- 30159 Hannover
Country	Germany
Telephone number	+49 – 511 – 120-0
Fax number	+49 – 511 – 120-5782
Homepage	<a href="http://www.mw.niedersachsen.de">www.mw.niedersachsen.de</a>



---

### Type of Organisation:

- Ministry
- University or Educational institution
- Public Organisation (please specify)
- Private enterprise
- Other (please specify)

### Contact details for ECRN:

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Internet	www.mw.niedersachsen.de	www.vci-nord.de	www.wilhelmshaven.de
Telephone Number	+49 – 511–120 – 5637	+49 – 511 – 98490 –17	+49 – 4421 – 910624
Fax Number	+49 – 511– 120 995637	+49 – 511 – 833574	+ 49 – 4421 – 910627

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	7.993.415 (2003)
Area	47.618 km <sup>2</sup>
Population density	168 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	182,8 billion € (2003)
Main sectors	Automotive Industry (51,9 billion €) Food Processing (20,7 billion €) Electrical Engineering & Electronics (9,5 billion €) Chemical Industry (8,1 billion €) Mechanical Engineering (7,7 billion €) Rubber & Plastic Production and Processing (6,7 billion €) Metal Production & Processing (5,0 billion €)
Export rate	50,9 billion € (2003)
Import rate	46,7 billion € (2003)



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## II. Chemical Industry in the Region

### II.1 Statistics

Number of companies in total	173
Number of employees	26.100
Turnover	8,1 billion €
Export rate	60 %
Sector structure	Basic chemicals (47 %), Paints & lacquers (12 %), Pharmaceuticals (9 %), Soaps & detergents (7 %), Agrochemicals (2 %), Other chemicals (23 %)
Share of Chemistry in relation to whole industry in the region	5,1 %

### II.2 Research capacities

Number of universities, technical colleges, universities of applied science:	28
Number of universities, technical colleges, universities of applied science with chemical department:	8
Technology related institutions:	
14 centres of competence and 22 research institutes	

### II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation:	Verband der Chemischen Industrie e.V. (VCI), Landesverband Nord
Homepage	<a href="http://www.vci-nord.de">www.vci-nord.de</a>
e-Mail	<a href="mailto:Schneider@lv-nord.vci.de">Schneider@lv-nord.vci.de</a>

Name of Organisation:	ChemCoast
Homepage	<a href="http://www.chemcoast.de">www.chemcoast.de</a>
e-Mail	<a href="mailto:info@chemcoast.de">info@chemcoast.de</a>

Name of Organisation:	CoastSite Wilhelmshaven e.V.
Homepage	<a href="http://www.coastsite.info">www.coastsite.info</a>
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Name of Organisation:	Industriepark Walsrode
Homepage	<a href="http://www.industriepark-walsrode.de">www.industriepark-walsrode.de</a>
e-Mail	<a href="mailto:alf.wilkens.aw1@wolff-walsrode.de">alf.wilkens.aw1@wolff-walsrode.de</a>

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## II.4 Main players (companies)

- Dow Stade, 1.600 employees, turnover 3,7 billion €\*, [www.dow.com](http://www.dow.com)
- Elastogran, 1.300 employees, turnover 1,36 billion €\*, [www.elastogran.de](http://www.elastogran.de)
- EVC Group, 3.000 employees\*, turnover 1,1 billion €\*, [www.evc-int.com](http://www.evc-int.com)
- Honeywell Specialty Chemicals Seelze GmbH, 910 employees, turnover 0,2 billion €, [www.honeywellseelze.com](http://www.honeywellseelze.com)
- INEOS Chlor, 10.000 employees\*, turnover 5 billion €\*, [www.ineos.com](http://www.ineos.com)
- Solvay GmbH, 4.800 employees\*, turnover 1,6 billion €\*, [www.solvay.de](http://www.solvay.de)
- H.C. Starck, 3.400 employees\*, turnover 0,56 billion €\*, [www.hcstarck.de](http://www.hcstarck.de)
- Symrise, 2.550 employees, turnover 1,16 billion €\* , [www.symrise.de](http://www.symrise.de)
- Wolff Walsrode AG Bomlitz, 1.000 employees, turnover 0,43 billion €, [www.wolff-walsrode.com](http://www.wolff-walsrode.com)

\* Employees and/or turnover world wide



CoastSite Wilhelmshaven, Lower Saxony

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## Region: North Rhine-Westphalia (NRW)

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	Ministry of Economic Affairs and Labour of the State of North Rhine-Westphalia (MWA NRW)
Address (Mail Box, Street)	Horionplatz 1
Postcode, City	D- 40213 Düsseldorf
Country	Germany
Telephone number	+49 – 211 – 86 18 - 50
Fax number	+49 – 211 – 86 18 5 - 44 44
Homepage	<a href="http://www.mwa.nrw.de">www.mwa.nrw.de</a>

Type of Organisation:

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| Ministry                              | <input checked="" type="checkbox"/> |
| University or Educational institution | <input type="checkbox"/>            |
| Public Organisation (please specify)  | <input type="checkbox"/>            |
| Private enterprise                    | <input type="checkbox"/>            |
| Other (please specify)                | <input type="checkbox"/>            |

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Dr. Schnitzmeier, Dirk	Bütof, Karl-Uwe	Dr. Lemke, Karsten
Institution/Company	MWA NRW	MWA NRW	ZENIT GmbH, Regional ECRN Manager
eMail	dirk.schnitzmeier@mwa.nrw.de	karl-uwe.buetof@mwa.nrw.de	le@zenit.de
Telephone Number	+49 –211 – 837 – 610	+49 – 211 – 837 – 2203	+49 – 208 – 30004 – 27
Fax Number	+49 – 211– 837 –2649	+49 – 211 – 837 – 4146	+49 – 208 – 30004 – 29

## Regional Economics and Chemistry

### I. Regional Economics (in general)

The Region:	NRW is located in western Germany, bordering the Netherlands and Belgium and the German states Lower Saxony, Rhineland-Palatinate and Hesse. North Rhine-Westphalia is the most densely populated German federal state.
Population	18.080.000 (2003)
Area	34.083 km <sup>2</sup>
Population density	531 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	466,9 billion € (21,9% of German GDP = 2.129 billion € in 2003)
Main sectors	Chemical Industry (45,01 bn €), Mechanical Engineering (34,5 bn €), Electrical engineering & Electronics (30,9 bn €), Metal production and processing (27,1 bn €), Food processing (27,1 bn €), Manufacture of metal products (24,4 bn €), Automotive industry (24,0 bn €)
Export	120,3 billion € (2003)
Import	129,5 billion € (2003)

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	approx. 600 in total
Number of employees	128.680 (2003) [+0,5% compared to 2002]
Turnover	45,01 billion € (2003) [+5,7% compared to 2002]
Export rate	47,4% (2003)





## Region: Rhineland-Palatinate (RLP)

Logo / Map of the Region:

# Rheinland-Pfalz



## Responsible ECRN-Partner

Organisation:	Ministry for Economic Affairs, Transportation, Agriculture and Viniculture of the state of Rhineland-Palatinate (MWVLW)
Address (Mail Box, Street)	Stiftsstraße 9
Postcode, City	D - 55116 Mainz
Country	Germany
Telephone number	+49 – 6131 – 16 – 0
Fax number	+49 – 6131 – 16 – 2100
Homepage	<a href="http://www.mwvlw.rlp.de">http://www.mwvlw.rlp.de</a>

Type of Organisation:

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| Ministry                              | <input checked="" type="checkbox"/> |
| University or Educational institution | <input type="checkbox"/>            |
| Public Organisation (please specify)  | <input type="checkbox"/>            |
| Private enterprise                    | <input type="checkbox"/>            |
| Other (please specify)                | <input type="checkbox"/>            |

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Schneider, Hans-Georg	Dr. Jörg, Barbara	Fischer, Nadine
Institution/Company	MWVLW RLP	MWVLW RLP	MWVLW RLP
eMail	hans-georg.schneider@mwvlw.rlp.de	barbara.joerg@mwvlw.rlp.de	nadine.fischer@mwvlw.rlp.de
Internet	www.mwvlw.rlp.de	www.mwvlw.rlp.de	www.mwvlw.rlp.de
Telephone Number	+49 – 6131 – 16 – 2243	+49 – 6131 – 16 – 2108	+49 – 6131 – 16 – 2160
Fax Number	+49 – 6131 – 16 – 2207	+49 – 6131 – 16 – 2207	+49 – 6131 – 16 – 2207

## Regional Economics and Chemistry

### I. Regional Economics (in general)

The region	Rhineland-Palatinate is located in the middle of Europe, bordering France, Belgium and Luxembourg and the federal states Saarland, North Rhine-Westphalia, Hesse and Baden-Wuerttemberg. With an export rate of more than 44% Rhineland-Palatinate outperforms almost all other states in federal republic.
Population	4.058.682
Area	19.847,39 km <sup>2</sup>
Population density	204 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	92,73 billion € (2003)
Main sectors	chemical industry (59.743 employees, 19,99 bn €); automotive industry (29.416 employees, 9,01 bn €); food processing (25.542 employees, 6,36 bn €); metal production and processing (37.183 employees, 6,1 bn €); mechanical engineering (35.519 employees, 5,45 bn €), plastics industry (23.224 employees, 3,78 bn €)
Export	28,3 billion € (2003)
Import	18,7 billion € (2003)

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	101 (2003)
Number of employees	59.743 (2003)
Export rate	62,1%







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## Region: Saxony-Anhalt

Logo / Map of the Region:



### Responsible ECRN-Partner

Organisation:	Ministry for Economics and Labour of the State of Saxony-Anhalt
Address (Mail Box, Street)	Hasselbachstraße 4
Postcode, City	D-39104 Magdeburg
Country	Germany
Telephone number	+49 – 391 567 – 01
Fax number	+49 – 391 615072
Homepage	<a href="http://www.mw.sachsen-anhalt.de">www.mw.sachsen-anhalt.de</a>

### Type of Organisation:

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| Ministry                              | <input checked="" type="checkbox"/> |
| University or Educational institution | <input type="checkbox"/>            |
| Public Organisation (please specify)  | <input type="checkbox"/>            |
| Private enterprise                    | <input type="checkbox"/>            |
| Other (please specify)                | <input type="checkbox"/>            |

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Catrin Gutowsky	Thomas Wobben	Andreas Fiedler
Institution/Company	Ministry for Economy and Labour of Saxony-Anhalt	EU Liason Office Saxony-Anhalt, Brussels	ECRN Network Secretariat, isw GmbH, Halle
eMail	Catrin.gutowsky@mw.lsa-net.de	wobben@vb-bruessel.stk.lsa-net.de	fiedler@isw-gmbh.de
Telephone Number	+49 – 391 – 5674452	+32 – 2 – 7410930	+49 – 345 – 29982724
Fax Number	+49 – 391 – 5674450	+32 – 2 – 7470939	+49 – 345 – 29982711

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	2.600.000 (2003)
Area	20.446 km <sup>2</sup>
Population density	123 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	44.2 billion € (2003)
Main sectors	Chemical Industry, Plastic production, Food industry, Metal production and processing, Mechanical engineering, Glas production
Export	5,4 billion € (2003)
Import	4,0 billion € (2003)

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	approx. 89 in total
Number of employees	12.773 (2003)
Export rate	42 % (2003)
Turnover	3,843 billion € (2003)
Share of Chemistry in relation to manufacturing company in the region	16,3 % (2003)

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## II.2 Research capacities

Number of universities, technical colleges, universities of applied science: 7

Number of universities, technical colleges, universities of applied science with chemical department: 4

Technology related institutions:

4 technology centres and 17 research institutes

## II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation: Verbände Nordostchemie  
Verband der Chemischen Industrie e.V. (VCI),  
Landesverband Nordost  
Arbeitgeberverband Nordostchemie e.V. (AGV)

Homepage [www.nordostchemie.de](http://www.nordostchemie.de)

e-Mail [post@lv-no.vci.de](mailto:post@lv-no.vci.de)

Name of Organisation: CeChemNet – “Central European Chemical Network”  
(Cooperation of regional chemical sites)

Homepage [www.cechemnet.de](http://www.cechemnet.de)

e-Mail [info@cechemnet.de](mailto:info@cechemnet.de)

Other Initiatives related to the chemical sector:

- Fördergemeinschaft für Polymerentwicklung und Kunststofftechnik in Mitteldeutschland POLYKUM e.V. – Association for polymer development and plastic techniques in central Germany ([www.polykum.de](http://www.polykum.de))
- Research Project – Innovative Regional Growth Pole “Reactive Wet Coating”, Bitterfeld-Wolfen (<http://www.tig-ev.de/wachstumskern.htm>)
- Fraunhofer Pilot Plant Center for Polymer Synthesis and Processing (<http://www.polymer-pilotanlagen.de>)
- Chemical Cluster development in Central Germany – Regionenmarketing GmbH ([www.mitteldeutschland.com](http://www.mitteldeutschland.com))
- Mentoring European Knowledge of Chemical Regions – MentorChem – international cooperation([www.mentorchem.net](http://www.mentorchem.net))

## II.3 Main players (companies)

- Dow Olefinverbund GmbH ([www.dow.com](http://www.dow.com)), 2250 employees, turnover 2,8 billion €
- InfraLeuna Infrastruktur und Service GmbH ([www.infraleuna.de](http://www.infraleuna.de)), 490 employees, 210 billion €
- ZSG Zeitzer Standortgesellschaft mbH ([www.industriepark-zeitz.com](http://www.industriepark-zeitz.com))

- 
- P-D Chemie Park Bitterfeld Wolfen GmbH ([www.chemiepark.de](http://www.chemiepark.de))
  - Bayer Bitterfeld GmbH ([www.bitterfeld.bayer.de](http://www.bitterfeld.bayer.de)), 656 employees, turnover 560 million €
  - Solvay Chemicals GmbH ([www.solvay.de](http://www.solvay.de)), 4.806 employees , turnover 1,664 billion €
  - SKW Stickstoffwerke Piesteritz GmbH ([www.skwp.de](http://www.skwp.de)), 600 employees, turnover 292 million €
  - TOTAL Raffinerie Mitteldeutschland GmbH ([www.total.de](http://www.total.de)), 650 employees, turnover 2,3 billion €
  - Serumwerk Bernburg ([www.serumwerk.de](http://www.serumwerk.de))



# ITALY

## Region: Lombardia

Logo / Map of the Region:



**Regione Lombardia**



**Lombardia - Carta fisica**

## Responsible ECRN-Partner

Organisation:	LOMBARDY REGION, General Directorate Handicraft, New Economy, Research & Innovation Technology
Address (Mail Box, Street)	Viale Restelli n. 1
Postcode, City	20124 Milano
Country	Italy
Telephone number	+39 02 – 6765.5229
Fax number	+39 02 – 6765.4136
Homepage	<a href="http://www.artigianato.regione.lombardia.it">www.artigianato.regione.lombardia.it</a>

Type of Organisation:

- |                                       |   |
|---------------------------------------|---|
| Ministry                              | <input type="checkbox"/>                                |
| University or Educational institution | <input type="checkbox"/>                                |
| Public Organisation (please specify)  | <input checked="" type="checkbox"/> Regional Government |
| Private enterprise                    | <input type="checkbox"/>                                |
| Other (please specify)                | <input type="checkbox"/>                                |

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Amadori, Giampaolo	Redaelli, Maria Pia	Fedrizzi, Luciana
Institution/Company	Lombardy Region	Lombardy Region	Lombardy Region
e-Mail	Giampaolo_amadori@regione.lombardia.it	Maria_pia_redaelli@regione.lombardia.it	Luciana_fedrizzi@regione.lombardia.it
Internet	www.artigianato.regione.lombardia.it	www.artigianato.regione.lombardia.it	www.artigianato.regione.lombardia.it
Telephone Number	+39 02 – 6765.5229	+39 02 – 6765.5393	+39 02 – 6765.2465
Fax Number	+39 02 – 6765.4136	+39 02 – 6765.6882	+39 02 – 6765.4136

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	9.150.000
Area	23.861 km <sup>2</sup>
Population density	383.4 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	254 billion € (20,2% of Italian GDP)
Main sectors	Industry (Mechanical, Chemicals, Steel, Food, Rubber, Timber, Paper, etc.), Services (Financial, Banking, IT&C, Consultancy, etc.)
Export:	75 billion €
Import:	95 billion €

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	2.522
Number of employees	91.305
Turnover	33 billion €
Export rate	11,233 billion € (43,7 % of Italy)







## Region: Piemonte & Novara

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	REGIONE PIEMONTE
Address (Mail Box, Street)	Via Pisano 6
Postcode, City	10152 Torino
Country	ITALY
Telephone number	+39 – 011 – 4323435
Fax number	+39 – 011 – 4323483
Homepage	<a href="http://www.regione.piemonte.it">www.regione.piemonte.it</a>

Type of Organisation:

Ministry	<input type="checkbox"/>
University or Educational institution	<input type="checkbox"/>
Public Organisation (please specify)	<input checked="" type="checkbox"/> Public Administration
Private enterprise	<input type="checkbox"/>
Other (please specify)	<input type="checkbox"/>

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Benedetto, Giuseppe	Romano, Luciano	Brusita, Silvano
Institution/Company	Regione Piemonte	Regione Piemonte	Provincia di Novara
eMail	giuseppe.benedetto@regione.piemonte.it	luciano.romano@regione.piemonte.it	provinc@provincia.novara.it
Internet	www.regione.piemonte.it	www.regione.piemonte.it	www.provincia.novara.it
Telephone Number	+39 – 011 – 4323 195	+39 – 011 – 4323 435	+39 – 0321 – 3783 23
Fax Number	+39 – 011 – 4323 483	+39 – 011 – 4323 483	+39 – 0321 – 3783 08

## Regional Economics and Chemistry

### I. Regional Economics (in general)

#### PIEDMONT REGION

Population	4.270.215 (31.12.2003, ISTAT data)
Area	25.399 km <sup>2</sup>
Population density	168 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	90 billion €
Main sectors	Food, beverages, tobacco Machinery and mechanical equipment, Metal products Textile Industry, clothing and leatherwear
Export rate / Import rate	21,059 billion € / 29,686 billion € (2004)

#### PROVINCIA DI NOVARA

Population	350.689 (31.12.2003, ISTAT data)
Area	1.338,79 km <sup>2</sup>
Population density	262 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	
Main sectors	
Export rate / Import rate	3,06 billion € / 2,20 billion € (2004)

---

## II. Chemical Industry in the Region

### II.1 Statistics

#### PIEDMONT REGION

Number of companies in total	Regione Piemonte: 433 // Provincia di Novara: 52
Number of employees	Regione Piemonte: 15.000 // Provincia di Novara: 4.000
Export rate	14%
Sector structure	Base chemistry (44%), Industrial chemistry (18%), Pharmaceuticals (7,5%), Cosmetics (6%), Varnishes
Share of Chemistry in relation to whole industry in the region	27%

### II.2 Research capacities

Number of universities, technical colleges, universities of applied science: 3

- Politecnico di Torino ( Polytechnic of Turin),
- Università degli Studi di Torino (University of Turin),
- Università del Piemonte Orientale “A Avogadro” (East Piedmont University “A. Avogadro”)

Number of universities, technical colleges, universities of applied science with chemical department: 3

- Politecnico di Torino,
- Università degli Studi di Torino,
- Università del Piemonte Orientale “A Avogadro”

Technology related institutions:

### II.3 Private and public bodies (i. e. associations) involved into chemistry

- FONDAZIONE NOVARA SVILUPPO
- CLUB DONEGANI
- ITIS OMAR
- FACOLTA DI SCIENZE MATEMATICHE FISICHE E NATURALI, UNIVERSITA' DEL PIEMONTE ORIENTALE A. AVOGADRO
- FACOLTA' DI CHIMICA E TECNOLOGIE FARMACEUTICHE
- INNOVA SRL
- CONSORZIO NOVARA EUROPA FORMAZIONE
- CONSORZIO NOVARA EUROPA FORMAZIONE
- CONSORZIO SCUOLA COMUNITA' IMPRESA
- ITIS LEONARDO DA VINCI (Borgomanero – NO)

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## II.4 Main players (companies)


### ISTAT 23 AND ISTAT 24 SECTORS

- BRICO SRL
- EUROTECNO SPA
- ISOLPLAST SRL, [www.isolplast.com](http://www.isolplast.com)
- ATHENA SPA
- FLEXSYS SPA, [www.flexsys.com](http://www.flexsys.com)
- COLUMBIAN CARBON EUROPA SRL, [www.columbianchemicals.com](http://www.columbianchemicals.com)
- RIVOIRA SPA + SICPA ITALIANA SPA, [www.praxair.com](http://www.praxair.com)
- SOL SPA, [www.sol.it](http://www.sol.it)
- ESSECO SPA, [www.esseco.it](http://www.esseco.it)
- SUD CHEMIE MT SRL, [www.sued-chemie-mt.it](http://www.sued-chemie-mt.it)
- LA VICHIMICA SPA, [www.ianmag.com/fieldbus/pdf/2003/032003/](http://www.ianmag.com/fieldbus/pdf/2003/032003/)
- GIARDINI SPA, [www.giardini.com](http://www.giardini.com)
- NOVAMONT SPA, [www.materbi.com](http://www.materbi.com)
- UNIVER ITALIANA SPA, [www.univer.it](http://www.univer.it)
- SIKA ITALIA SPA, [www.sika.it](http://www.sika.it)
- MARINVER DI OTTONE & CALDERONI SNC
- AKZO COATINGS SPA, [www.interpon.it](http://www.interpon.it)
- FERRI SRL
- COLORIFICIO I.CO.RI.P. SPA, [www.icorip.com](http://www.icorip.com)
- ISTITUTO BIOLOGICO CHEMIOTERAPICO SPA DIVISIONE UNIBIOS, [www.unibios.it](http://www.unibios.it)
- PROCOS SPA, [www.procoss.it](http://www.procoss.it)
- TERHORMON SRL
- DYNACREN SRL, [www.dynacren.it](http://www.dynacren.it)
- TAKEDA ITALIA FARMACEUTICI SPA, [www.takeda.it](http://www.takeda.it)
- AKZO CHEMICALS SPA, [www.interpon.it](http://www.interpon.it)
- MIL MIL 76, [www.milmil.it](http://www.milmil.it)
- MIRATO NUOVA SPA, [www.mirato.it](http://www.mirato.it)
- GARDEN COSMETICS SAS
- AKZO NOBEL CHEMICALS SPA, [www.interpon.it](http://www.interpon.it)
- HB FULLER ITALIA SRL, [www.hbfuller.com](http://www.hbfuller.com)
- HENKEL LOCTITE ADESIVI SRL, [www.henkel.com](http://www.henkel.com)
- ALCE SRL - LABORATORIO MICROBIOLOGICO
- LABORATORIO MICROBIOLOGICO DI GRANA PROVOLONE SRL
- EIGENMANN & VERONELLI SPA, [www.eigver.it](http://www.eigver.it)
- IDROSOL SRL, [www.gruppofar.it/ita/idrosol/](http://www.gruppofar.it/ita/idrosol/)
- MEMC ELECTRONIC MATERIALS SPA, [www.memc.com](http://www.memc.com)
- RADICI CHIMICA SPA, [www.radicichimica.com](http://www.radicichimica.com)
- KEMI SRL, [www.kemi.it](http://www.kemi.it)
- PROCHIMICA NOVARESE SPA, [www.prochimicanovarese.it](http://www.prochimicanovarese.it)
- NOVACETA SPA, [www.novaceta.it](http://www.novaceta.it)
- BEMBERG SPA, [www.bemberitalia.com](http://www.bemberitalia.com), [www.bember.it](http://www.bember.it)
- AGM SRL, [www.agmsrl.com](http://www.agmsrl.com)
- DONEGANI ANTICORROSIONE SRL, [www.donegant.it](http://www.donegant.it)
- ESSO ITALIANA SRL - Impianto Bitumi + SARPOM SPA, [www.exxonmobil.com/corporate/](http://www.exxonmobil.com/corporate/)
- EUROPLAST SRL, [www.europlast-srl.it](http://www.europlast-srl.it)
- ISAGRO RICERCA SRL, [www.isagro.it](http://www.isagro.it)
- LIQUIGAS SPA, [www.liquigas.com](http://www.liquigas.com)
- MACDERMID ITALIANA SRL, [www.macindustrialproducts.com](http://www.macindustrialproducts.com)
- POLIMERI EUROPA, [www.polimerieuropa.com](http://www.polimerieuropa.com)
- PRC TICINUM LAB SRL, [www.ticinumlabs.com](http://www.ticinumlabs.com)
- PROGE FARM SRL, [www.progefarm.it](http://www.progefarm.it)
- SIBA SRL, [www.sibabitumi.com](http://www.sibabitumi.com)
- TAMOIL PETROLI SPA, [www.tamoil.it](http://www.tamoil.it)
- AGIP CENTRO OLIO SPA
- NUOVA SACCED SRL

# NETHERLANDS

## Region: Limburg

Logo / Map of the Region:

provincie limburg 



## Responsible ECRN-Partner

Organisation: Province of Limburg (Provincie Limburg)  
Address (Mail Box, Street) Mail box 5700, Visitors: Limburglaan 1  
Postcode, City 6202 MA Maastricht  
Country Netherlands  
Telephone number 0031 – (0)43 – 389 99 99  
Homepage www.limburg.nl

Type of Organisation:

- Ministry   
University or Educational institution   
Public Organisation (please specify)  Regional Government  
Private enterprise   
Other (please specify)

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Frank van lissum	Alain Nijssen	Jacques Mikx
Institution/Company	Province of Limburg	Province of Limburg	Industriebank LIOF NV
e-Mail	fwj.van.lissum@prvlimburg.nl	amrp.nijssen@prvlimburg.nl	jmikx@liof.nl
Telephone Number	+31 – 43 – 389 74 37	+31 – 43 – 389 72 49	+31 – 43 – 3280280
Fax Number	+31 – 43 – 389 75 38	+31 – 43 – 389 71 07	+31 – 43 – 3280200

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## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	1.141.889 (01-01-2004)
Area	2.209 km <sup>2</sup>
Population density	517 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	26.240 million € (6,1% of The Netherlands GDP, which was 429.127 million € in 2001); 21.900 € per inhabitant (2003)
Main sectors	Industry (25% of GDP in 2001; 19,3% of number of employees in 2003), Chemical Industry (14,3% of Industrial NE in 2003), Manufacture of basic metals and (14,2% of industrial NE), Manufacture of machinery and equipment n.e.c. fabricated metal products (13,2% of industrial NE), Manufacture of electrical and optical equipment h (10,9% of industrial NE), Manufacture of food products; beverages and tobacco (8,9% of industrial NE)
Export	13.061 million € (1998)
Export rate	29,4% (export/total turnover in 2003)

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	approx. 195 in total
Number of employees	14.616 (2002)
Export	3.631 million € (1998)
Export rate	70% (export/total turnover in 2003)
Sector structure	Basic chemicals (65% of Number of Employees), Manufacture of rubber and plastic products (24% of NE), Engineering Plastics, Performance Materials, Special Products, Pharmaceuticals and Life Sciences.
Share of Chemistry in relation to whole industry in the region	14,3% of Industrial NE in 2003

#### II.2 Research capacities

Number of universities, technical colleges, universities of applied science:	5
Number of universities, technical colleges, universities of applied science with chemical department:	2
Technology related institutions:	25 (research institutes and technology centres)



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### II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation: Industriebank LIOF NV  
Homepage [www.liof.nl](http://www.liof.nl)  
e-Mail [info@liof.nl](mailto:info@liof.nl)

Name of Organisation: Chemelot BV  
Homepage [www.dsm.com/chemelot](http://www.dsm.com/chemelot)  
e-Mail [info.chemelot@dsm.com](mailto:info.chemelot@dsm.com)

### II.4 Main players (companies)

- DSM ([www.dsm.com](http://www.dsm.com))
- SABIC ([www.sabic.com](http://www.sabic.com))
- Trespac ([www.trespac.com](http://www.trespac.com))
- Ciba Specialty Chemicals bv ([www.cibasc.com](http://www.cibasc.com))
- Ineos Silicas Netherlands bv ([www.ineossilicas.com](http://www.ineossilicas.com))
- Vinamul Polymers ([www.vinamulpolymers.com](http://www.vinamulpolymers.com))





# POLAND

## Region: Mazovia

Name of the Region: **Mazowieckie Voivodeship**

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	Mazowieckie Voivodeship
Address (Mail Box, Street)	Brechtla Street 3
Postcode, City	03 – 472 Warsaw
Country	Poland
Telephone number	+48 – 22 – 5979155
Fax number	+48 – 22 – 5979266
Homepage	<a href="http://www.mazovia.pl">www.mazovia.pl</a>

## Type of Organisation:

- Ministry
- University or Educational institution
- Public Organisation (please specify)  Regional Self – Government
- Private enterprise
- Other (please specify)

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
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eMail	b.kowalski@mazovia.pl	j.switala@mazovia.pl	t.wazbinski@mazovia.pl
Internet	www.mazovia.pl	www.mazovia.pl	www.mazovia.pl
Telephone Number	+48 – 22 – 59 79 119	+48 – 22 – 59 79 155	+48 – 22 – 59 79 216
Fax Number	+48 – 22 – 59 79 272	+48 – 22 – 59 79 266	+48 – 22 – 59 79 266

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	5.124.000
Area	35,598 km <sup>2</sup>
Population density	144 persons / km <sup>2</sup>
Gross Domestic Product (GDP)	37,1 billion €
Main sectors	chemical and petrochemical industry, food-processing, metallurgy, metal industry, clothing and printing, energetics, electronics
Export- and Import rate	import: crude oil, gas

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	1159
Number of employees	79.496 (year 2003)
Export rate	
Sector structure	Petrochemical production 68%, chemicals 13,2%, pharmaceuticals 5,8%, cosmetics 4,6%, paints and lacquers 3,3%, other chemicals 5,1%
Share of Chemistry in relation to whole industry in the region	34,9%

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## II.2 Research capacities

Number of universities, technical colleges, universities of applied science:	27
Number of universities, technical colleges, universities of applied science with chemical department:	3
Technology related institutions:	5 Research institutes

## II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation: Polish Chamber of Chemical Industry  
ul. Czackiego 15/17  
00-043 Washaw, Poland

## II.4 Main players (companies)

- PKN Orlen S.A. ([www.ornen.pl](http://www.ornen.pl))
- Basell Orlen Polyolefins
- PKN Orlen – Asphalt sp.z.o.o. ([www.ornen-asfalt.pl](http://www.ornen-asfalt.pl))

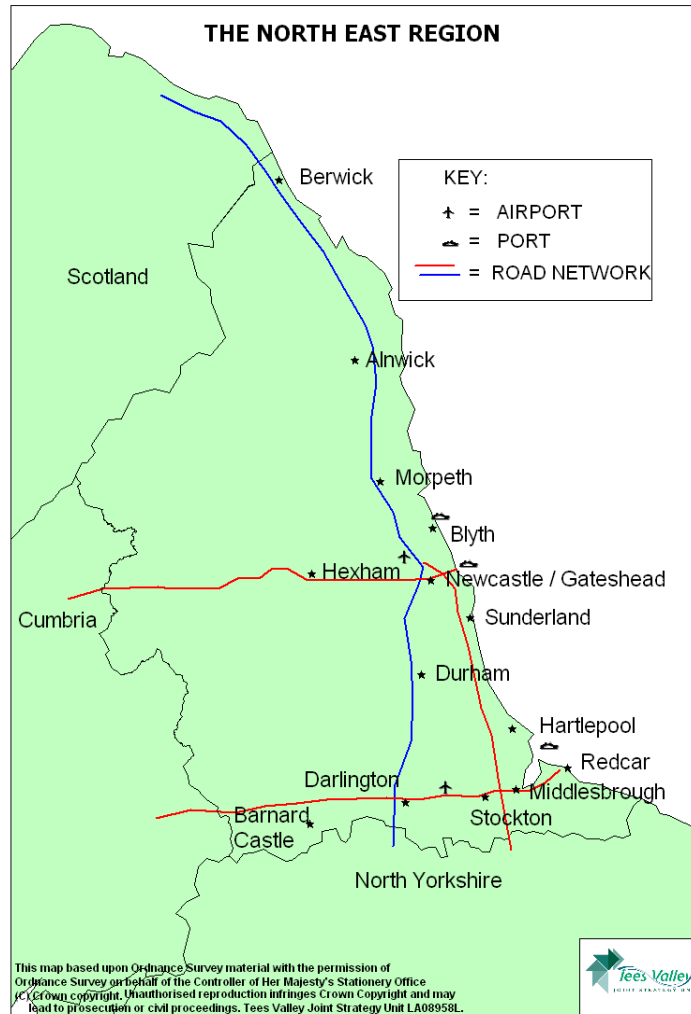




Source: PKN Orlen Website

# UNITED KINGDOM

## Region: Teesvalley (North-East of England)



### Responsible ECRN-Partner

Organisation:

Address (Mail Box, Street)

Postcode, City

Country

Telephone number

Fax number

Homepage

Tees Valley Joint Strategy Unit

PO Box 199, Melrose House, Melrose Street

Middlesbrough, TS1 2XF

United Kingdom

+44 – 1642 – 264856

+44 – 1642 – 230870

[www.teesvalley-jsu.gov.uk](http://www.teesvalley-jsu.gov.uk)

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### Type of Organisation:

- Ministry
- University or Educational institution
- Public Organisation (please specify)  Local Authority Organisation working on behalf of 5 Unitary Authorities
- Private enterprise
- Other (please specify)

### Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Brear, Lynne	Click, Ian	Higgins, Stan
Institution/Company	Tees Valley Joint Strategy Unit	Teesside Chemical Initiative	North East Pharmaceutical & Speciality Cluster
E-Mail	Lynne.brear@teesvalley-jsu.gov.uk	ian.click@teesci.co.uk	Stan.Higgins@psnorth.com
Internet	www.teesvalley-jsu.gov.uk	www.teesci.co.uk	www.psnorth.com
Telephone Number	+44 – 1642 264856	+44 – 1642 868680	+44 – 191 516 4400
Fax Number	+44 – 1642 230870	+44 – 1642 868683	+44 – 191 516 4401

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	2.513.300
Area	8.592 km <sup>2</sup> (3,317 square miles)
Population density	296 Persons per km <sup>2</sup>
Gross Value Added (GVA)	38,4 billion € (2002)
Main sectors	chemicals, pharmaceuticals, biotechnology, engineering, electronics, scientific instruments, automotive manufacture, offshore technology, food
Export- and Import rate	All figs 2002 Non-EU Export € 2458m EU Export € 5388m
Import rate	Non-EU Import : 3.416 mio. € // EU Import : 2.786 moi. €



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## II. Chemical Industry in the Region

### II.1 Statistics

Number of companies in total	350
Number of employees	35.000 direct with a further 270.000 indirect throughout the economy
Export rate	
Sector structure by Turnover	
Share of Chemistry in relation to whole industry in the region	25% of regional GDP

### II.2 Research capacities

Number of universities, technical colleges, universities of applied science: 5 universities and 23 further education colleges

Number of universities, technical colleges, universities of applied science with chemical department: 5 universities and 23 colleges offer science courses

Technology related institutions: 5 centres of excellence  
(Process Industry – Nanotechnology – Photonics & Microsystems –Life Sciences – New & Renewable Energy – Digital Technology & Media )

### II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation:	Centre for Process Innovation
Homepage	<a href="http://www.uk-cpi.com">www.uk-cpi.com</a>
e-Mail	<a href="mailto:peter.chandler@uk-cpi.com">peter.chandler@uk-cpi.com</a>

Name of Organisation:	Process Industries Centre for Manufacturing Excellence
Homepage	<a href="http://www.picme.org.uk/index2.html">www.picme.org.uk/index2.html</a>
e-Mail	<a href="mailto:jillbrown@picme.org">jillbrown@picme.org</a>

### II.4 Main players (companies)

Web sites for more info on UK North East Companies:

- <http://www.teesci.co.uk/company.html>
- <http://www.psnorth.com>

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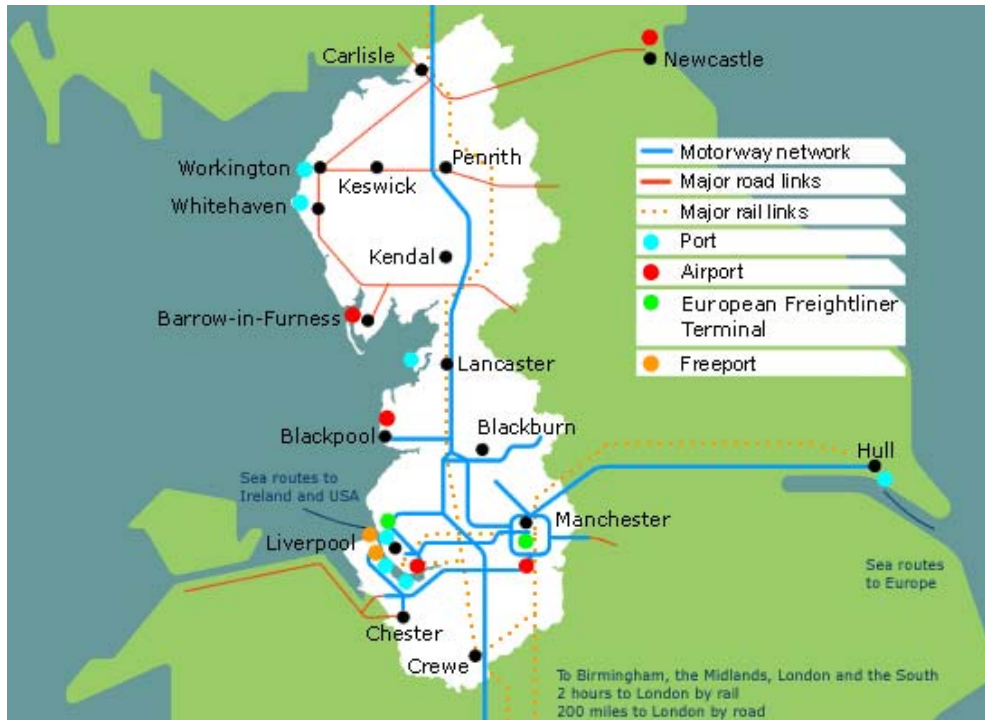
Companies:

- Avesia ([www.avesia.com](http://www.avesia.com))
- BASF ([www.corporate.basf.com](http://www.corporate.basf.com))
- Dow Chemicals ([www.dow.com](http://www.dow.com))
- Du Pont SA ([www.dupont.com](http://www.dupont.com))
- Huntsman ([www.huntsman.com](http://www.huntsman.com))
- Invista Textiles ([www.invista.com](http://www.invista.com))
- Johnson Matthey ([www.jmcatlysts.com](http://www.jmcatlysts.com))
- Rohm & Haas ([www.rohmhaas.com](http://www.rohmhaas.com))



## Region: Cheshire (North-West of England)

Logo / Map of the Region:



### Responsible ECRN-Partner

Organisation:	Cheshire County Council
Address (Mail Box, Street)	County Hall
Postcode, City	Chester, Cheshire, CH1 1SF
Country	England
Telephone number	+44 – 1244 – 602634
Fax number	+44 – 1928 – 603003
Homepage	<a href="http://www.cheshire.gov.uk/business">www.cheshire.gov.uk/business</a>

### Type of Organisation:

- Ministry
- University or Educational institution
- Public Organisation (please specify)  Local Government Authority
- Private enterprise
- Other (please specify)

## Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Pembleton, Mark	Boyer-Spooner, Carol	Lyon, David
Institution/Company	Cheshire County Council	Chemicals NW	Halton Borough Council
e-Mail	Mark.pembleton@cheshire.gov.uk	carol.boyer@chemicalsnorthwest.org.uk	David.lyon@halton.gov.uk
Internet	www.cheshire.gov.uk/business	www.chemicalsnorthwest.org.uk	www2.halton.gov.uk/
Telephone Number	+44 – 1244 602634	+44 – 1928 515678	+44 –151 420 9428
Fax Number	+44 –1244 603003	+44 – 1928 515677	+44 –151 420 9413

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	6.804.500 (2003 mid-year estimate)
Area	14.106 km <sup>2</sup> (source: Region in Figures, Summer 2004)
Population density	480 inhabitants per km <sup>2</sup>
Gross Value Added (GVA)	135,1 billion € GVA (2002) (10.3% of United Kingdom GVA which was 903,836 billion)
Main sectors	Chemicals (14.5 bn €), Aerospace, Biotechnology, Digital Industries, Environmental Technologies & Services (ETS), Food & Drink, Textiles, Financial & Professional Services
Exports	24,5 billion € (2002) Exports of region as % of UK exports: 9.0% (2002)
Imports	22,9 billion € (2002) Imports of region as % of UK imports: 6.2% (2002)

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	800
Number of employees	160.000
Export rate	60% exports from region

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Sector structure	Downstream Chemical Manufacturing (33%), Base Chemical Manufacturing (19%), Analysis & Testing (8%), Technical Consulting (10%), Services (10%), Sales (17%), Pharmaceuticals (3%).
Share of Chemistry in relation to whole industry in the region	

## II.2 Research capacities

Number of universities, technical colleges, universities of applied science:	19
Number of universities, technical colleges, universities of applied science with chemical department:	12
Technology related institutions:	9

## II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation:	Chemicals NW
Homepage	<a href="http://www.chemicalsnorthwest.org.uk">www.chemicalsnorthwest.org.uk</a>
e-Mail	<a href="mailto:projects@chemicalsnorthwest.org.uk">projects@chemicalsnorthwest.org.uk</a>
Name of Organisation:	DICIDA
Homepage	<a href="http://www.teesvalley-jsu.gov.uk/dicidauk/">www.teesvalley-jsu.gov.uk/dicidauk/</a>
e-Mail	<a href="mailto:Lynne.Brear@TeesValley-JSU.gov.uk">Lynne.Brear@TeesValley-JSU.gov.uk</a>
Name of Organisation:	Business Link Cheshire & Warrington
Homepage	<a href="http://www.blinkcw.co.uk/">www.blinkcw.co.uk/</a>
e-Mail	<a href="mailto:info@blinkcw.co.uk">info@blinkcw.co.uk</a>
Name of Organisation:	The Heath (SOG) Ltd.
Homepage	<a href="http://www.sog.ltd.uk/introduction.htm">www.sog.ltd.uk/introduction.htm</a>
e-Mail	<a href="http://www.sog.ltd.uk/customer_enquiry.htm">www.sog.ltd.uk/customer_enquiry.htm</a>
Name of Organisation:	Cheshire Innovation Park
Homepage	<a href="http://www.innovate-in-cheshire.co.uk/">www.innovate-in-cheshire.co.uk/</a>
e-Mail	<a href="mailto:CIP@opc.shell.com">CIP@opc.shell.com</a>
Name of Organisation:	Cheshire Manufacturing Park
Homepage	<a href="http://www.cheshiremanufacturingpark.co.uk/">www.cheshiremanufacturingpark.co.uk/</a>
e-Mail	<a href="mailto:o'neilld@octel-corp.com">o'neilld@octel-corp.com</a>

## II.4 Main players (companies)

- SHELL UK Ltd. ([www.shell.com/home/Framework?siteId=uk-en](http://www.shell.com/home/Framework?siteId=uk-en) )
- AstraZeneca ([www.astrazeneca.co.uk](http://www.astrazeneca.co.uk))
- Avecia Ltd. ([www.avecia.com](http://www.avecia.com))

- 
- Ineos Chlor ([www.ineoschlor.com](http://www.ineoschlor.com))
  - European Vinyls Corporation (EVC) UK ([www.evc-int.com](http://www.evc-int.com))





## Region: Humberside (East of England)

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	North East Lincolnshire Council
Address (Mail Box, Street)	Innovation Centre, Europarc, Grimsby
Postcode, City	DN37 9TT
Country	UK
Telephone number	+44 – 1472 500 335
Fax number	+44 – 1472 500 303
Homepage	<a href="http://www.nelincs.gov.uk">www.nelincs.gov.uk</a>

Type of Organisation:

- Ministry
- University or Educational institution
- Public Organisation (please specify)  Local Authority
- Private enterprise
- Other (please specify)

---

### Contact details for ECRN:

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Institution/Company	HCF	HCF	
e-Mail	glyn.hughes@humberchemical.co.uk	katie.hedges@humberchemical.co.uk	
Internet			
Telephone Number	+44 – 1472 500339	+44 – 1472 500335	
Fax Number	+44 – 1472 500303	+44 – 1472 500303	

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	881.000
Area	3.511 km <sup>2</sup>
Population density	
Gross Domestic Product (GDP)	10.4 billion €
Main sectors	Agriculture & fishing, construction, Chemicals, food & drink and metals
Export- and Import rate	

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	120
Number of employees	10,000
Export rate	60% exported
Sector structure	Pigments & colours, agrochemicals, fine chemicals, paint & coatings, surface treatment, pharmaceutical intermediates, organic & inorganic commodities and speciality chemicals
Share of Chemistry in relation to whole industry in the region	n.n.



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## II.2 Research capacities

Number of universities, technical colleges, universities of applied science:

Number of universities, technical colleges, universities of applied science  
with chemical department:

Hull University

Technology related institutions:

## II.3 Private and public bodies (i. e. associations) involved into chemistry

Name of Organisation: Humber Chemical Focus  
Homepage [www.humberchemical.co.uk](http://www.humberchemical.co.uk)  
e-Mail [info@humberchemical.co.uk](mailto:info@humberchemical.co.uk)

Name of Organisation: Yorkshire Forward  
Homepage [www.chemicals-yorkshire.com](http://www.chemicals-yorkshire.com)  
e-Mail

## II.4 Main players (companies)

- ConocoPhillips, Millennium ([www.conocophillips.com](http://www.conocophillips.com), [www.millenniumchem.com](http://www.millenniumchem.com))
- Novartis ([www.novartis.com](http://www.novartis.com))
- Total-Lindsay Oil Refinery ([www.total.com](http://www.total.com))
- BP Chemicals ([www.bpchemicals.com](http://www.bpchemicals.com))



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