

# European Chemical Regions Network



EUROPEAN CHEMICAL  
REGIONS NETWORK

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

## **“Who is Who“ of Chemical Regions in Europe**

January 2012

## The contributors of this “Who is Who” - brochure are:



GOBIERNO DEL  
PRINCIPADO DE ASTURIAS



SACHSEN-ANHALT

**NRW.**



RÉGION WALLONNE



Scotland

Rhône-Alpes Région



Regione  
Lombardia

Rheinland-Pfalz



YORKSHIRE  
CHEMICAL  
FOCUS  
*your chemical future*



generating good chemistry



Ida-Virumaa



PROVINCIA  
DI NOVARA



Bavaria

HESSEN



provincie limburg



LAND  
BRANDENBURG

Ministerium für Wirtschaft  
und Europaangelegenheiten



Niedersachsen



FLANDERS

FITS YOU



Landesregierung  
Schleswig-Holstein



Cheshire West  
and Chester

**Mazovia.**  
heart of Poland



Ústí region

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## Introduction

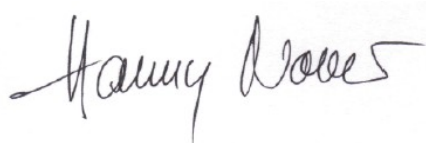
This 2012 edition of the who-is-who of chemical regions in Europe gives you an overview of our network consisting currently of 21 member regions throughout Europe.

The ECRN continuously develops and broadens the scope of its activities, seeking to facilitate collaboration between regions and enhance regional involvement at the European level. We are proud of the achievements of our network and the different projects that build bridges between regional activities and open their European dimension.

The ECRN is a value-added network that brings together regional authorities from all over Europe. Our common interests derive from a strong interest in actively developing regional policy. Our network has grown with numerous new members in the past years, and we remain open towards new regions and look forward to welcoming new members!

We are delighted about your interest in the ECRN and we look forward to a dialogue with you and your organisation.

Sincerely yours,

A handwritten signature in black ink that reads "Hanny Nover". The signature is written in a cursive style with a long horizontal stroke at the end.

Hanny Nover

Director of the ECRN Network Secretariat

# BELGIUM

## Region: Flanders

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	Department of Economy, Science and Innovation
Address (Mail Box, Street)	Koning Albert- Laan 35
Postcode, City	1030 Brussels
Country	Belgium
Telephone number	0032 - (0)2 - 5533890
Fax number	0032 - (0)2 - 5536007
Homepage	<a href="http://www.ewi-vlaanderen.be">www.ewi-vlaanderen.be</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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Institution/Company	Department of Economy, Science and Innovation
eMail	pol.verhaegen@ewi.vlaanderen.be
Internet	www.ewi-vlaanderen.be
Telephone Number	0032 - (0)2 - 5533890
Fax Number	0032 - (0)2 - 5536007

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	6,161,600 inhabitants
Area	13,522 km <sup>2</sup>
Population density	455 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	162.818 million EUR
Main sectors	
Export	190,600 million EUR
Import rate	194,000 million EUR

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	916
Number of employees	64,000
Export rate	80%
Sector structure	NACE 24 + 25
Share of Chemistry in relation to whole industry in the region	23%

## II.2 Research capacities

Number of universities / technical colleges / universities of applied science: 3 universities / 10 technical colleges

Number of universities / technical colleges / universities of applied science with chemical department: 5 universities / 17 technical colleges

Technology:

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

Name of Organisation: Essenscia Vlaanderen  
 Homepage [www.essenscia.be](http://www.essenscia.be)  
 e-Mail [info@essenscia.be](mailto:info@essenscia.be)

Name of Organisation: Vakverenigingen: KVCV - K VIV - VIK  
 Homepage [www.kvcv.be](http://www.kvcv.be) - [www.ti.kviv.be](http://www.ti.kviv.be) - [www.vik.be](http://www.vik.be)  
 e-Mail [info@kvcv.be](mailto:info@kvcv.be) - [directie@ti.kviv.be](mailto:directie@ti.kviv.be) - [ing@ik.be](mailto:ing@ik.be)

## II.4 Main players (companies)

- 3M Belgium, [www.mmm.com](http://www.mmm.com)
- Air Liquide Industries Belgium, [www.airliquide.be](http://www.airliquide.be)
- BASF Antwerpen, [www.basf.be](http://www.basf.be)
- Bayer Antwerpen Comm.V, [www.bayermaterialsscience.com](http://www.bayermaterialsscience.com) resp. [www.bayer.be](http://www.bayer.be)
- Degussa Antwerpen, [www.degussa.com](http://www.degussa.com)
- DOW Belgium bvba, [www.dow.com](http://www.dow.com)
- Janssen Pharmaceutica, [www.jnj.com](http://www.jnj.com)
- Pfizer Manufacturing Belgium, [www.pfizer.be](http://www.pfizer.be)
- Solvic Lillo, [www.solvay.com](http://www.solvay.com)

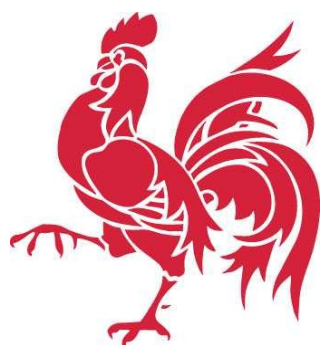




Foto: BASF Antwerpen n.v. ©

## Region: Wallonia

Logo / Map of the Region:



Wallonie



## Responsible ECRN-Partner

Organisation:	Service Public de Wallonie – DG06 – Département de la Compétitivité et de l'Innovation
Address (Mail Box, Street)	Place de la Wallonie, 1 Bât 1
Postcode, City	B – 5100 Namur
Country	Belgium
Telephone number	0032 - (0)81 33 39 00
Fax number	0032 - (0)81 33 37 44
Homepage	<a href="http://economie.wallonie.be">http://economie.wallonie.be</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
Surname, Name	Collet, Daniel	Quintyn, Mathieu
Institution/Company	Service Public de la Wallonie	Service Public de la Wallonie
eMail	daniel.collet@spw.wallonie.be	mathieu.quintyn@spw.wallonie.be
Internet	<a href="http://economie.wallonie.be">http://economie.wallonie.be</a>	<a href="http://economie.wallonie.be">http://economie.wallonie.be</a>
Telephone Number	0032 - (0)81 33 39 00	0032 - (0)81 33 39 00
Fax Number	0032 - (0)81 33 37 44	0032 - (0)81 33 37 44

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	3.43 million inhabitants
Area	16,844 km <sup>2</sup>
Population density	203.98 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	73.8 billion EUR
Main sectors	Chemistry and life sciences, technological industry, environment and sustainable development, transport and logistics, mechanical engineering and mechatronics, agri-food industry, building industry, wood processing
Export	> 50%
Import rate	

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	370
Number of employees	25,300 (60,000 direct and indirect)
Export rate	79.8% (chemistry and life sciences)
Sector structure	high-tech pharmaceutical industry & biotechnology (45% of the jobs), basic chemical manufacturing (22%), plastics processing (15%), cosmetics, perfumes, detergents (6%)
Share of Chemistry in relation to whole industry in the region	22.1% (chemistry and life sciences)

## II.2 Research capacities

Number of universities / technical colleges /universities of applied science: 9 university centres, 13 higher education colleges, 30 research centres, 6 university science parks, numerous shared research centres and a wide “centres of excellence” network

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

Technology: specialty chemicals, i.e. drugs, vaccines, chemical products such as cosmetics and other products with high added value. Next come the basic chemicals and plastic processing.

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

Name of Organisation: Essenscia Wallonie  
 Homepage: [www.essenscia.be](http://www.essenscia.be)  
 e-Mail: [info@essenscia.be](mailto:info@essenscia.be)

Name of Organisation: Biowin  
 Homepage: [www.biowin.org](http://www.biowin.org)  
 e-Mail: [contact@biowin.org](mailto:contact@biowin.org)

Name of Organisation: Plastiwin  
 Homepage: <http://clusters.wallonie.be/plastiwin/en>  
 e-Mail: [plastiwin.bphilippe@gmail.com](mailto:plastiwin.bphilippe@gmail.com)

## II.4 Main players (companies)

Name of Company: GSK  
 Homepage: [www.gsk.com](http://www.gsk.com)

Name of Company: UCB  
 Homepage: [www.ucb-group.com](http://www.ucb-group.com)

Name of Company: Solvay  
Homepage: [www.solvay.com](http://www.solvay.com)

Name of Company: Prayon  
Homepage: [www.prayon.com](http://www.prayon.com)

Name of Company: NMC  
Homepage: [www.nmc.be](http://www.nmc.be)

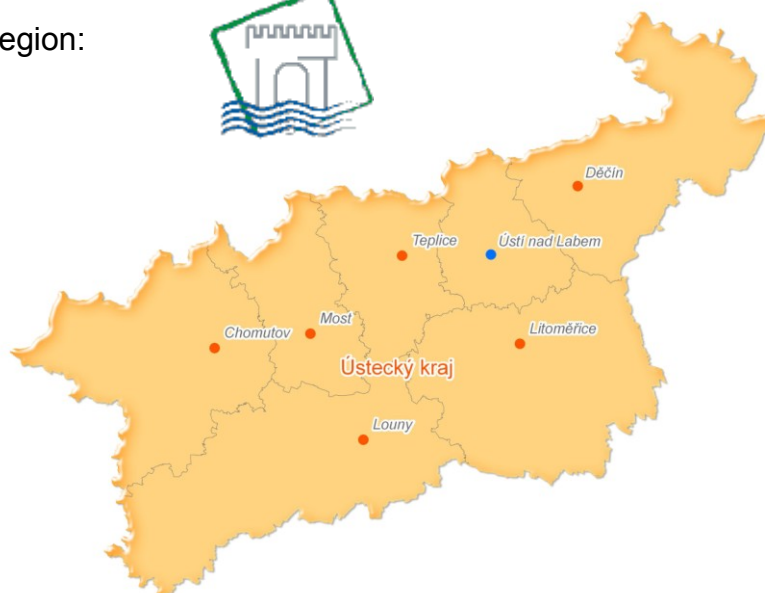


Foto: Feluy ©

## CZECH REPUBLIC

### Region: Ústí Region (Ústecký kraj)

Logo / Map of the Region:



### Responsible ECRN-Partner

Organisation:	Regional Authority of the Ústí Region
Address (Mail Box, Street)	Velká Hradební 48
Postcode, City	400 02, Ústí nad Labem
Country	Czech Republic
Telephone number	00420 – (0)475 – 657756
Fax number	00420 – (0)475 – 657719
Homepage	<a href="http://www.kr-ustecky.cz">www.kr-ustecky.cz</a>

Type of Organisation:

- |                                       |   |
|---------------------------------------|---|
| Ministry                              | <input 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 checked="" type="checkbox"/> Regional Government |

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
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Institution/Company	The Ústí Region	The Ústí Region	The Ústí Region
eMail	fiala.p@kr-ustecky.cz	brusselsoffice@kr-ustecky.cz	sixta.j@kr-ustecky.cz
Internet	www.kr-ustecky.cz	www.kr-ustecky.cz	www.kr-ustecky.cz
Telephone Number	0042 - (0)475 – 657818	0032 - (0)2 - 2139510	0042 - (0)475 – 657107
Fax Number	0042 - (0)475 - 657719	0032 - (0)2 - 2139511	0042 - (0)475 - 657737

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	836,063 inhabitants
Area	5,335 km <sup>2</sup>
Population density	157 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	11,383 EUR per inhabitant, 9.517 million EUR
Main sectors	Chemical industry Coal mining Automotive industry Engineering
Export	6.365 million EUR

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	20 (enterprises with more than 100 employees and head office in the region)
Number of employees	7,472 (11% in the whole industry in the region)
Export rate	26.1% (chemical products in comparison to the total export)

Sector structure 50% production of chemicals, cosmetics, pharmaceuticals and synthetic fibres, 45% production of rubber and plastics, 5% production of coke, fissionable fuel and crude oil processing

Share of Chemistry in relation to whole industry in the region 49%

## II.2 Research capacities

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

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

Technology: chemistry, mining, engineering

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

Name of Organisation: Association of Chemical Industry CZ (Svaz chemického průmyslu ČR)

Homepage [www.schp.cz](http://www.schp.cz)  
e-Mail [mail@schp.cz](mailto:mail@schp.cz)

## II.4 Main players (companies)

Name of Company: UNIPETROL RPA s.r.o.  
Homepage: [www.unipetrolrpa.cz](http://www.unipetrolrpa.cz)

Name of Company: Spolchemie a.s.  
Homepage: [www.spolchemie.cz](http://www.spolchemie.cz)

Name of Company: Česká rafinérská a.s.  
Homepage: [www.ceskarafinerska.cz](http://www.ceskarafinerska.cz)

Name of Company: Lovochemie a.s., Lovosice  
Homepage: [www.lovochemie.cz](http://www.lovochemie.cz)



Name of Company: Glanzstoff Bohemia s.r.o.  
Homepage: [www.glanzstoff.com/main\\_cz.htm](http://www.glanzstoff.com/main_cz.htm)

Name of Company: CHEMOTEX Děčín a.s.  
Homepage: [www.chemotex.cz](http://www.chemotex.cz)

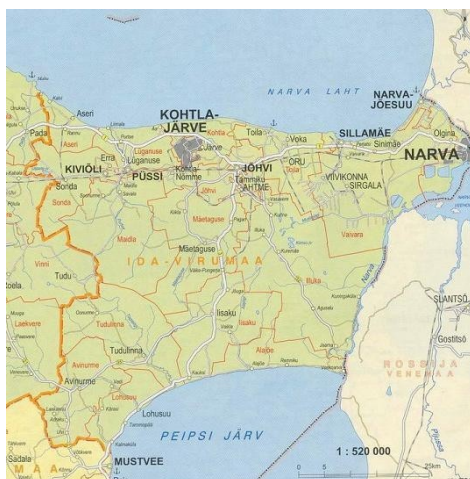
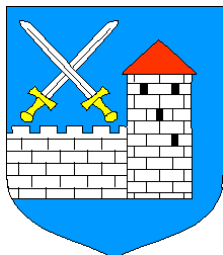
Name of Company: Research Institute of Inorganic Chemistry, Ústí nad Labem  
Homepage: [www.vuanch.cz](http://www.vuanch.cz)



# ESTONIA

## Region: Ida-Virumaa County

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	Ida – Virumaa County Government, ESTONIA
Address (Mail Box, Street)	Ida – Virumaa County Government, Keskväljaku 1
Postcode, City	41594 Jõhvi
Country	Estonia
Telephone number	+372 - 3321201
Fax number	+372 - 3321240
Homepage	<a href="http://www.ivmv.ee">www.ivmv.ee</a>

Type of Organisation:

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

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2
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Institution/Company	Ida – Virumaa County Government	Ida – Virumaa County Government
eMail	riho.breivel@ivmv.ee	indrek.narusk@ivmv.ee
Telephone Number	00372 - 3321201	00372 - 3321201
Fax Number	00372 - 3321240	00372 - 3321240

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	178,000 inhabitants
Area	3,364 km <sup>2</sup>
Population density	51 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	0.95 billion EUR
Main sectors	Oil-shale industry & energy, Chemical Industry, Metal processing and machine construction
Export	600 million EUR
Import	280 million EUR

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	10
Number of employees	6000

**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:	1

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

Name of Organisation: AS Viru Keemia Grupp  
Homepage [www.vkg.ee](http://www.vkg.ee)  
e-Mail [info@vkg.ee](mailto:info@vkg.ee)

Name of Organisation: AS Silmet  
Homepage [www.silmet.ee](http://www.silmet.ee)  
e-Mail: [sekretar@silmet.ee](mailto:sekretar@silmet.ee)

Name of Organisation: AS Nitrofert  
Homepage [www.nitrofert.ee](http://www.nitrofert.ee)  
e-Mail [info@nitrofert.ee](mailto:info@nitrofert.ee)

Name of Organisation: AS Narva Elektrijaamad  
Homepage [www.powerplant.ee/firmast.php#olitehas](http://www.powerplant.ee/firmast.php#olitehas)

Name of Organisation: AS Novotrade Invest  
Homepage: [www.vnk.ee](http://www.vnk.ee)

Name of Company: OÜ Kiviõli Keemiatööstuse  
Homepage: [www.keemiatootus.ee](http://www.keemiatootus.ee)  
e-Mail: [info@keemiatootus.ee](mailto:info@keemiatootus.ee)

Name of Company: AS Genovique Specialties  
Homepage: [www.genovique.com](http://www.genovique.com)  
e-Mail: [marketing@genovique.com](mailto:marketing@genovique.com)

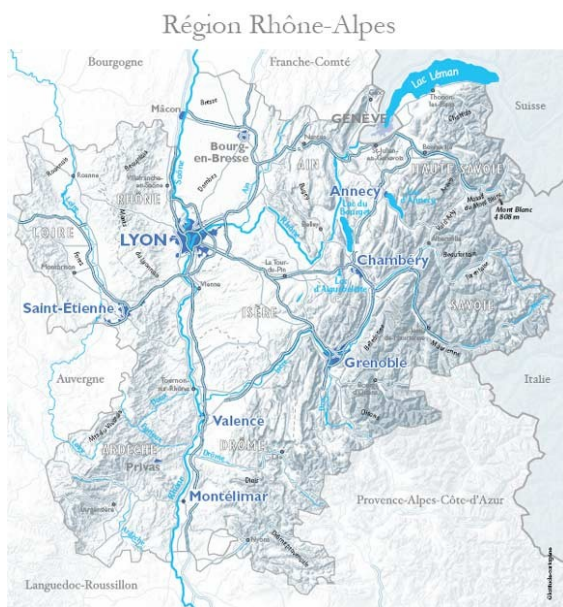


# FRANCE

## Region: Rhône-Alpes

Logo / Map of the Region:

Rhône-Alpes Région



## Responsible ECRN-Partner

Organisation:	Conseil Régional Rhône-Alpes
Address (Mail Box, Street)	78, route de Paris
Postcode, City	69751 Charbonnières-les-Bains
Country	France
Telephone number	0033 - (0)472594000
Fax number	0033 - (0)472594218
Homepage	<a href="http://www.rhonealpes.fr">www.rhonealpes.fr</a>

Type of Organisation:

- |                                       |  |
|---------------------------------------|--|
| Ministry                              | <input type="checkbox"/>                   |
| University or Educational institution | <input type="checkbox"/>                   |
| Public Organisation (please specify)  | <input checked="" type="checkbox"/> Region |
| 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	Lutz, Hortense Project Manager Europe and International Cooperation	Picard, Christine Labrousse, Laurence Project manger Cluster Policy	Le Thuaut, Philippe
Institution/Company	Economy, Research, innovation, and Tourism Department (DERTT)	Economy, Research, innovation, and Tourism Department (DERTT)	AXELERA Chemistry-Environment competitive Cluster
eMail	hlutz@rhonealpes.fr	cpicard@rhonealpes.fr llabrousse@rhonealpes.fr	philippe.lethuaut@axelera.org
Internet	www.rhonealpes.fr	www.rhonealpes.fr	www.axelera.org
Telephone Number	0033 - (0)472595477	0033 - (0)472596195 0033 - (0)472595490	0033 - (0)478773619
Fax Number	0033 - (0)472594353		0033 - (0)478770729

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	6,000,000 inhabitants (9.5% of France)
Area	43,000 km <sup>2</sup>
Population density	137 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	182.6 billion EUR
Main sectors	Metal industry, mechanical engineering, chemicals (12.3% of the French industrial GDP), plastic transformation, textiles and garments, electrical and electronic construction, pharmaceutical and health industries, biotechnology and nanotechnology, environment and energy management.
Export- and Import rate	Exports: 46.6 billion EUR (export rate: 25%) Imports: 40.4 billion EUR (import rate: 21%)

## II. Chemical Industry in the Region

### II.1 Statistics

Number of companies in total	350 enterprises
Number of employees	32,000 (the third largest regional employer)
Export rate	Exports: 6.9 billion EUR (16% of regional exports)
Sector structure	In number of enterprises: 28% for basic chemistry, 38% for intermediate and speciality chemistry, 17% for consumption chemical products
Share of Chemistry in relation to whole industry in the region:	The 2nd largest industrial sector in the region by turnover and 15% of all regional industrial investments: 500 millions EUR investments

### II.2 Research capacities

Number of universities / technical colleges /universities of applied science:	Rhône-Alpes offers a chain of top-tier comprehensive training with a strong reputation in chemicals and the environment, from operators through to engineers, including ongoing training. Around 1,300 chemical engineers and 1,350 chemistry doctors a year. More than 230,000 students, 9 universities and 40 'grandes écoles' in total in Rhône-Alpes; 25% of national research capacities
Number of universities / technical colleges /universities of applied science with chemical department:	International Competitiveness Cluster Lyon & Rhône-Alpes Chemicals Environnement (AXELERA) Research cluster "Sustainable Chemistry and Chemistry for Health" Institut des Sciences Analytiques, UMR CNRS-Rhodia, Institut de Chimie de Lyon, Institut Français du Pétrole
Technology:	R&D research centers with an European scale (Arkema, Rhodia, Bluestar Silicones France Total, Bayer, CNRS, UCBL, UJF, Grandes Ecoles) and inside SMEs (Condat, Gattefossé, SNF...)

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

Name of Organisation:	AXELERA
Homepage	<a href="http://www.axelera.org">http://www.axelera.org</a>
E-mail	<a href="mailto:philippe.lethuat@axelera.org">philippe.lethuat@axelera.org</a>
Name of Organisation:	IFP: World-class public sector research and training center
Homepage	<a href="http://www.ifp.com">www.ifp.com</a>
E-mail	<a href="mailto:benedicte.reverdy@ifp.fr">benedicte.reverdy@ifp.fr</a>
Name of Organisation:	UCBL: Claude Bernard University of Lyon
Homepage	<a href="http://www.univ-lyon1.fr">www.univ-lyon1.fr</a>
E-mail	<a href="mailto:dominique.marcel-chatelain@adm.univ-lyon1.fr">dominique.marcel-chatelain@adm.univ-lyon1.fr</a> (Mme Dominique Marcel-Chatelain, Vice présidente déléguée aux Relations Internationales de l'UCBL)
Name of Organisation:	Ecole Nationale Supérieure des Mines de Saint-Etienne
Homepage	<a href="http://www.emse.fr">www.emse.fr</a>
E-mail	<a href="mailto:gthomas@emse.fr">gthomas@emse.fr</a> (Monsieur Gérard Thomas)
Name of Organisation:	CEMAGREF: Agricultural and environmental Engineering research
Homepage	<a href="http://www.cemagref.fr">www.cemagref.fr</a>
E-mail	<a href="mailto:gthomas@emse.fr">gthomas@emse.fr</a> (Monsieur Gérard Thomas)
Name of Organisation:	CNRS: Centre National de la Recherche Scientifique
Homepage	<a href="http://www.dr7.cnrs.fr">http://www.dr7.cnrs.fr</a>
E-mail	

### II.4 Main players (companies)

Name of Company:	ARKEMA: Arkema develops, manufactures and markets chemical products. Arkema is world leader in manufacturing PMMA, fluorinated chemicals, hydrogen peroxide, organic peroxides, molecular sieve, and European leader in chlorochemical sector.
Homepage:	<a href="http://www.arkema.com">www.arkema.com</a>
Name of Company:	RHODIA: Execution and participation in execution of research and development of products and processes in chemical and physical areas, engineering technologies. Expert in organic chemistry, mineral chemistry, catalyst, physic-chemical properties of complex systems. High rate test (Laboratory of the future)



Homepage: [www.rhodia.com](http://www.rhodia.com)

Name of Company: GDF-SUEZ is an international industrial and services Group. It designs sustainable and innovative solutions in the management of public utilities as a partner of public authorities, businesses and individuals. The Group aims to answer essential needs in electricity, natural gas, energy services, water and waste management.

Homepage: [www.gdfsuez.com/FR/fr/](http://www.gdfsuez.com/FR/fr/)

Name of Company: BLUESTAR SILICONES: France World leader in silicone chemistry and formulation. BLUESTAR is specialized in performance coatings (release & textile), performances additives (hydrophobic additives, paints additives, antifoams...) and engineered elastomers (health care, moulding, automotive & aerospatiale...)

Homepage: [www.bluestarsilicones.com](http://www.bluestarsilicones.com)

Name of Company: THETIS ENVIRONNEMENT: Innovative waste water treatment equipment manufacturer to fight "legionelle"

Homepage: [www.thetis-environnement.com](http://www.thetis-environnement.com)

Name of Company: ODOTTECH: a specialized environmental company: focused on measuring and monitoring odors, and on predicting their impact. It does considerable Research & Development, it provides consulting services, and it manufactures odor instrumentation

Homepage: [www.odotech.com](http://www.odotech.com)

Name of Company: RVX: an engineering firm, recycles and upgrades your wastes by developing processes and realising units

Homepage: [www.rvx.fr](http://www.rvx.fr)

Name of Company: JET METAL TECHNOLOGIES: Innovating solutions of metal deposits

Homepage: [www.jetmetal-tech.com](http://www.jetmetal-tech.com)

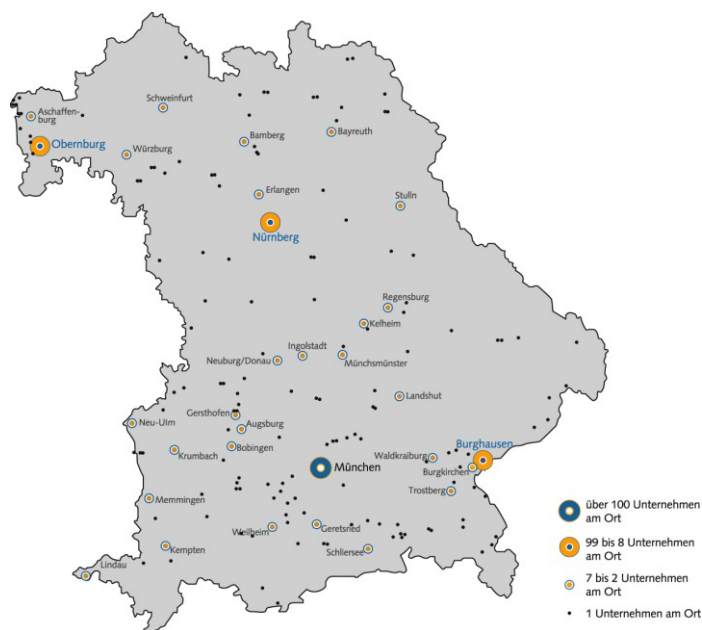


Crédit photo: Gil Lebois

# GERMANY

## Region: Bavaria

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation: Bavarian Ministry of Economic Affairs, Infrastructure, Transport and Technology

Address (Mail Box, Street) Prinzregentenstrasse 28

Postcode, City D-80538 Munich

Country Germany

Telephone number 0049 - (0)89 - 2162 - 0

Fax number 0049 - (0)89 - 2162 - 2760

Homepage [www.stmwivt.bayern.de](http://www.stmwivt.bayern.de)

Type of Organisation:

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

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2
Surname, Name	Dr. Niedzela-Schmutte, Andrea	Lichtenauer, Thomas
Institution/Company	Bavarian Ministry of Economic Affairs, Infrastructure, Transport and Technology	Bavarian Ministry of Economic Affairs, Infrastructure, Transport and Technology
eMail	andrea.niedzela- schmutte@stmwivt.bayern.de	thomas.lichtenauer@stmwivt.bayern.de
Internet	www.stmwivt.bayern.de	www.stmwivt.bayern.de
Telephone Number	0049 - (0)89 – 2162 - 2308	0049 - (0)89 – 2162 - 2352
Fax Number	0049 - (0)89 – 2162 - 3308	0049 - (0)89 – 2162 - 3352

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	12,510,331 million inhabitants
Area	70,551 km <sup>2</sup>
Population density	177 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	429.9 billion EUR
Main sectors	Automotive, mechanical engineering, electrical engineering & electronics, food products, chemical industry
Export- and Import rate	export: 124.0 billion EUR import: 109.9 billion EUR

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	260 (with more than 20 employees)
Number of employees	54,696
Export rate	57.5%
Sector structure	basic chemicals (43%), pharmaceuticals (12%), soap, washing powder, cleaning agents and body care products (14%), dyes, print colours and fillers (10%), other chemical products (21%)
Share of Chemistry in relation to whole industry in the region	5% of all employees, 5% of turnover

## II.2 Research capacities

Number of universities / technical colleges /universities of applied science: 47

Number of universities / technical colleges /universities of applied science with chemical department: 12

Technology: 38 research institutes

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

Name of Organisation: Verband der Chemischen Industrie e.V.  
Landesverband Bayern  
Homepage [www.chemie-kvi-bayern.de](http://www.chemie-kvi-bayern.de)  
E-Mail [vci@lv-bayern.vci.de](mailto:vci@lv-bayern.vci.de)

Name of Organisation: Verein der Bayerischen Chemischen Industrie e.V.  
Arbeitgeberverband  
Homepage [www.chemie-kvi-bayern.de](http://www.chemie-kvi-bayern.de)  
e-Mail [vbci@chemie-kvi-bayern.de](mailto:vbci@chemie-kvi-bayern.de)

## II.4 Main players (chemical parks)

Name of Company: AlzChem Trostberg GmbH  
Homepage: [www.alzchem.de](http://www.alzchem.de)

Name of Company: BASF SE  
Homepage: [www.basf.com](http://www.basf.com)

Name of Company: Borealis Polymere GmbH  
Homepage: [www.borealisgroup.com](http://www.borealisgroup.com)

Name of Company: Clariant Produkte (Deutschland) GmbH  
Homepage: [www.clariant.de](http://www.clariant.de)

Name of Company: Roche Diagnostics GmbH  
Homepage: [www.roche.de](http://www.roche.de)

Name of Company: Süd-Chemie AG  
Homepage: [www.sud-chemie.de](http://www.sud-chemie.de)

Name of Company: Vinnolit GmbH & CoKG  
Homepage: [www.vinnolit.de](http://www.vinnolit.de)

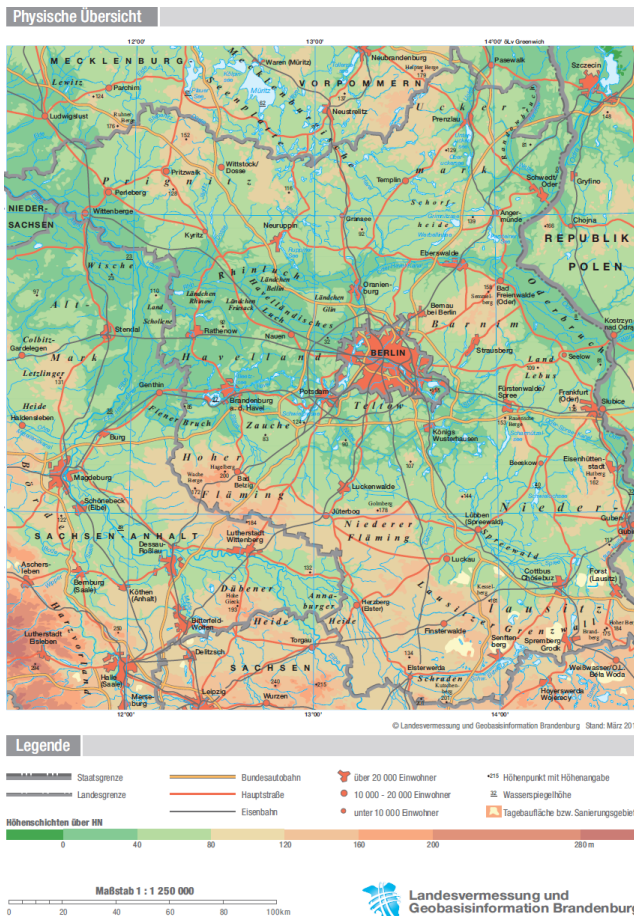
Name of Company: WACKER Chemie AG  
Homepage: [www.wacker.com](http://www.wacker.com)



Picture: Wacker

## Region: Brandenburg

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation: Ministry of Economics and European Affairs  
 Address (Mail Box, Street) Heinrich-Mann-Allee 107  
 Postcode, City D-14473 Potsdam  
 Country Germany  
 Telephone number 0049 - (0)331 - 8661620  
 Fax number 0049 - (0)331 - 8661573  
 Homepage [www.mwe.brandenburg.de](http://www.mwe.brandenburg.de)

Type of Organisation:

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

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2
Surname, Name	Siebke, Klaus - Peter	Rohland, Michael
Institution/Company	Head of the Industry Division	Industry Division
eMail	klaus-peter.siebke@mwe.brandenburg.de	michael.rohland@mwe.brandenburg.de
Internet		
Telephone Number	0049 - (0)3318661642	0049 - (0)3318661620
Fax Number	0049 - (0)3318661573	0049 - (0)3318661573

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	2.6 million inhabitants
Area	29,500 km <sup>2</sup>
Population density	87 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	53,891.4 million EUR
Main sectors	Tourism, Aviation and Space Industry, Railway Construction Industry, Energy Industry, Food Industry, Chemicals and Plastics Industry
Exportrate	20.7%

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	31
Number of employees	4,500
Export rate	11.7%
Sector structure	Basic chemicals, chemical fibers, paints, pharmaceuticals, plastics, chemical specialties
Share of Chemistry in relation to whole industry in the region	7.8%



## 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: 4

Technology: 1 technology center and 6 research institutes with special competence in chemistry and plastics

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

Name of Organisation: Verband der Chemischen Industrie e.V. Landesverband Nordost  
 Homepage: [www.nordostchemie.de](http://www.nordostchemie.de)  
 e-mail: [post@lv-no.vci](mailto:post@lv-no.vci)

Name of Organisation: Kunststoff-Verbund – Brandenburg Berlin e.V.  
 Homepage: [www.kuvbb.de](http://www.kuvbb.de)  
 e-Mail: [info@kuvbb.de](mailto:info@kuvbb.de)

## II.4 Main players (companies)

Name of Company: BASF Schwarzheide GmbH  
 Homepage: [www.basf-schwarzheide.de](http://www.basf-schwarzheide.de)

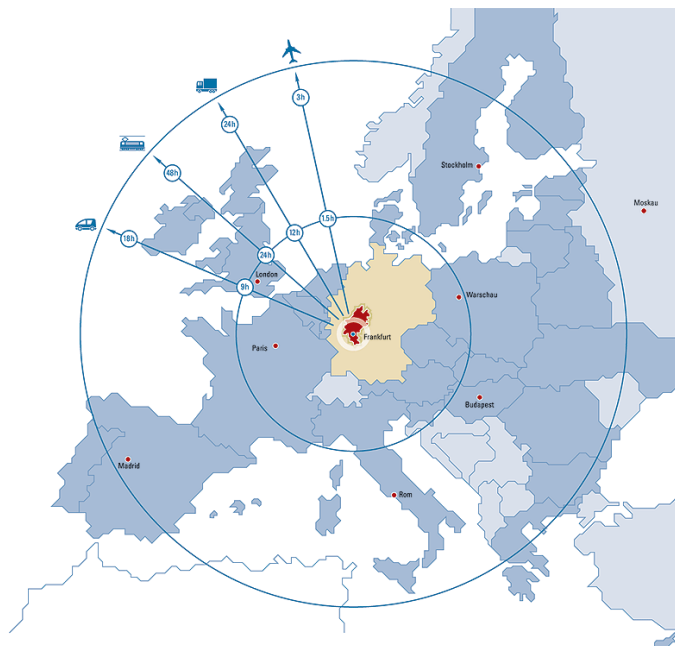
Name of Company: Trevira GmbH Werk Guben  
 Homepage: [www.trevira.de](http://www.trevira.de)

Name of Company: Vestas Blades Deutschland GmbH  
 Homepage: [www.rotorblattwerk-lauchhammer.com](http://www.rotorblattwerk-lauchhammer.com)



## Region: Hesse

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation: Hessian Ministry of Economics, Transport, Urban and Regional Development (HMWVL)

Address (Mail Box, Street) Kaiser-Friedrich-Ring 75

Postcode, City D-65185 Wiesbaden

Country

Telephone number 0049 - (0)611 - 8150

Fax number 0049 - (0)611 - 8152228

Homepage [www.wirtschaft.hessen.de](http://www.wirtschaft.hessen.de)

Type of Organisation:

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

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2
Surname, Name	Weigandt, Hans	Schuster, Thomas
Institution/Company	HMWVL	HMWVL
eMail	hans.weigandt@ hmwvl.hessen.de	thomas.schuster@ hmwvl.hessen.de
Internet	www.wirtschaft.hessen.de	www.wirtschaft.hessen.de
Telephone Number	0049 - (0)6118152286	0049 - (0)6118152495
Fax Number	0049 - (0)6118152228	0049 - (0)6118152228

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	6.1 million inhabitants
Area	21,115 km <sup>2</sup>
Population density	288 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	33,614 EUR per capita
Main sectors	Services (75% of Gross Value Added: Financials, Insurers, Logistics, Communication, Business Service Industries) Manufacturing Industry without Construction (21% of Gross Value Added: Chemicals and Pharmaceuticals, Motor Vehicles, Electrical Engineering, Machinery)
Export- and Import rate	47% (Manufacturing Industry without Construction)

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	186
Number of employees	59,000
Export rate	63%
Sector structure	Pharmaceuticals (49%), basic chemicals (33%), paints, printing inks (6%), other chemical products (5%), detergents and personal care products (3%)
Share of Chemistry in relation	

to whole industry in the region      15% of employees

## II.2 Research capacities

Number of universities / technical colleges /universities of applied science:      18

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

Technology:      5 Max Planck Institutes, 32 Technology and Start-up Centers and more than 100 scientific research institutions

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

Name of Organisation:      Hessen Agentur GmbH  
Homepage      [www.hessen-agentur.de](http://www.hessen-agentur.de)

Name of Organisation:      Hessen's business portal  
Homepage      [www.invest-in-hessen.de](http://www.invest-in-hessen.de)

Name of Organisation:      Frankfurt am Main Chamber of Commerce and Industry  
Homepage      [www.frankfurt-main.ihk.de/english](http://www.frankfurt-main.ihk.de/english)

Name of Organisation:      German Chemical Industry Association, Regional Association Hessen  
Homepage      [www.vci.de](http://www.vci.de)

Name of Organisation:      Association of Chemical and Related Industry Employers in the State of Hesse  
Homepage      [www.hessenchemie.de](http://www.hessenchemie.de)

## II.4 Main players (chemical parks)

AllessaChemie, Frankfurt      [www.allessa.de](http://www.allessa.de)

Ciba Spezialitäten, Lampertheim      [www.ciba.com/lampertheim](http://www.ciba.com/lampertheim)

Industriepark Griesheim, Frankfurt	<a href="http://www.industriepark-griesheim.de">www.industriepark-griesheim.de</a>
Infraserv Höchst, Frankfurt	<a href="http://www.infraserv.com">www.infraserv.com</a>
Industriepark Wolfgang, Hanau	<a href="http://www.industriepark-wolfgang.de">www.industriepark-wolfgang.de</a>
Kalle-Albert, Wiesbaden	<a href="http://www.infraserv-wi.de">www.infraserv-wi.de</a>
Pharmaserv, Marburg	<a href="http://www.pharmaserv.de">www.pharmaserv.de</a>



Industriepark Höchst  
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## Region: Lower Saxony



# Niedersachsen

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	Lower Saxony Ministry for Economics, Labour and Transport
Address (Mail Box, Street)	Friedrichswall 1
Postcode, City	D- 30159 Hannover
Country	Germany
Telephone number	0049 - (0)511 - 1200
Fax number	0049 - (0)511 - 1205782
Homepage	<a href="http://www.mw.niedersachsen.de">www.mw.niedersachsen.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
Surname, Name	Dr. Sabine Palandt
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eMail	sabine.palandt@mw.niedersachsen.de
Internet	www.mw.niedersachsen.de
Telephone Number	0049 - (0)511 - 1205649
Fax Number	0049 - (0)511 - 120995649

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	7,928,815 inhabitants
Area	47,634.98 km <sup>2</sup>
Population density	166.4 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	214.0 billion EUR
Main sectors	Automotive Industry, Food Processing, Mechanical Engineering Chemical Industry, Metal Production, Rubber and Plastic, Electrical Engineering and Electronics, Metal Processing
Export- and Import rate	export: 66.20 billion EUR import: 73.52 billion EUR

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	142
Number of employees	22,267
Turnover	8.626 billion EUR
Export rate	63.6%
Sector structure	Plastics, Inorganic and Organic Chemicals, Cosmetics and Scents, Paint and Lacquers
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: [www.vci-nord.de](http://www.vci-nord.de)  
 e-Mail: [klingenberg@lv-nord.vci.de](mailto:klingenberg@lv-nord.vci.de)

Name of Organisation: ChemCoast e.V.  
 Homepage: [www.chemcoast.de](http://www.chemcoast.de)  
 e-Mail: [info@chemcoast.de](mailto:info@chemcoast.de)

Name of Organisation: Industriepark Walsrode  
 Homepage: [www.industriepark-walsrode.de](http://www.industriepark-walsrode.de)  
 e-Mail: [awilkens@dow.com](mailto:awilkens@dow.com)

## II.4 Main players (companies)

Name of Company: DOW Deutschland GmbH  
 Homepage: [www.dow.de](http://www.dow.de)

Name of Company: Elastogran GmbH  
 Homepage: [www.elastogran.de](http://www.elastogran.de)

Name of Company: Symrise AG  
 Homepage: [www.symrise.de](http://www.symrise.de)

Name of Company: HC Starck GmbH & Co. KG  
 Homepage: [www.hcstarck.de](http://www.hcstarck.de)

Name of Company:  
Homepage:

Ineos Vinyls Deutschland GmbH  
[www.ineoschlor.com](http://www.ineoschlor.com)

Name of Company:  
Homepage:

Honeywell Specialty Chemicals Seelze GmbH  
[www.honeywell.com](http://www.honeywell.com)



## Region: North Rhine-Westphalia (NRW)

Logo / Map of the Region:

**NRW.**



## Responsible ECRN-Partner

Organisation: Ministry for Economic Affairs, Energy, Building, Housing and Transport  
 of the State of North Rhine-Westphalia  
 Address (Mail Box, Street) Haroldstrasse 4  
 Postcode, City D-40213 Duesseldorf  
 Country Germany  
 Telephone number 0049 - (0)211 - 83702  
 Fax number 0049 - (0)211 - 8372200  
 Homepage <http://www.wirtschaft.nrw.de/>

Type of Organisation:

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

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2
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Institution/Company	Ministry for Economic Affairs, Energy, Building, Housing and Transport	Ministry for Economic Affairs, Energy, Building, Housing and Transport
eMail	bettina.kittel@mwebwv.nrw.de	karl-uwe.buetof@mwebwv.nrw.de
Internet	<a href="http://www.wirtschaft.nrw.de">http://www.wirtschaft.nrw.de</a>	<a href="http://www.wirtschaft.nrw.de">http://www.wirtschaft.nrw.de</a>
Telephone Number	0049 -(0)211 - 8372507	0049 -(0)211 - 8372203
Fax Number	0049 - (0)211 - 3843972315	0049 - (0)211 - 8374146

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	18 million inhabitants
Area	34,086 km <sup>2</sup>
Population density	526 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	543 billion EUR
Main sectors	chemicals and pharmaceuticals, mechanical engineering, motor vehicles and vehicles parts, steel production, information technology, metal products, electrical industry, plastics
Export- and Import rate	Export rate = 29.9%, Import rate = 32.8%

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	467 (20 and more employees)
Number of employees	99,976 (20 and more employees)
Export rate	55%
Sector structure	petrochemicals, chemical basics, dyes/print colours/ fillers, industrial gas, rubber and plastics, pharmaceutical products, soap and washing/ body care products, chemical fibers, pesticides and biocides

Share of Chemistry in relation  
to whole industry in the region 14.8% of whole turnover (No.1 in NRW)

## II.2 Research capacities

Number of universities, technical  
colleges, universities of applied science: 40

Number of universities, technical  
colleges, universities of applied science  
with chemical department: 17

Technology related institutions: The universities/technical colleges comprise all fields of chemical scientific activities. In addition there are 2 Max Planck-Institutes and the Institute for Analytical Sciences-ISAS, Dortmund

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

Name of Organisation: Verband der Chemischen Industrie VCI  
Homepage [www.nrwchemie.de](http://www.nrwchemie.de)  
e-Mail [info@nrwchemie.de](mailto:info@nrwchemie.de)

Name of Organisation: ChemCologne e.V.  
Homepage [www.chemcologne.de](http://www.chemcologne.de)  
e-Mail [info@chemcologne.de](mailto:info@chemcologne.de)

Name of Organisation: Chemsite  
Homepage [www.chemsite.de](http://www.chemsite.de)  
e-Mail [stephanie.keen@chemsite.de](mailto:stephanie.keen@chemsite.de)

Name of Organisation: clib2021.de  
Homepage [www.clib2021.de](http://www.clib2021.de)  
e-Mail [info@clib2021.de](mailto:info@clib2021.de)

Name of Organisation: Cluster CHEMIE.NRW  
Homepage <http://www.exzellenz.nrw.de/chemie>  
e-Mail [info@nrwchemie.de](mailto:info@nrwchemie.de)

## II.4 Main players (companies)

Name of Company: Bayer Chemicals AG  
Homepage: [www.bayerchemicals.com](http://www.bayerchemicals.com)

Name of Company: Evonik Industries AG  
Homepage: [www.evonik.de](http://www.evonik.de)

Name of Company: Lanxess Deutschland GmbH  
Homepage: [www.lanxess.com](http://www.lanxess.com)

Name of Company: Byk-Chemie GmbH  
Homepage: [www.byk.com](http://www.byk.com)

Name of Company: Cognis GmbH  
Homepage: [www.cognis.com](http://www.cognis.com)

Name of Company: Henkel, AG & Co. KGaA  
Homepage: [www.henkel.de](http://www.henkel.de)

Name of Company: Westfalen AG  
Homepage: [www.westfalen-ag.de](http://www.westfalen-ag.de)



## Region: Rhineland-Palatinate (RLP)

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation: Ministry for Economic Affairs,  
Transportation, Agriculture and Viniculture of the  
State of Rhineland-Palatinate (MWVLW)

Address (Mail Box, Street) Stiftstrasse 9

Postcode, City D - 55116 Mainz

Country Germany

Telephone number 0049 - (0)6131 160

Fax number 0049 - (0)6131 162100

Homepage <http://www.mwvlw.rlp.de>

Type of Organisation:

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

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Dr. Ralf, Teepe	Dr. Kiesewetter, Ingeborg	Hoffmann, Jutta
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eMail	ralf.teepe@mwkel.rlp.de	ingeborg.kiesewetter@mwkel.rlp.de	jutta.hoffmann@mwkel.rlp.de
Internet	www.mwkel.rlp.de	www.mwkel.rlp.de	www.mwkel.rlp.de
Telephone Number	0049 - (0)6131162242	0049 - (0)6131162233	0049 - (0)6131162152
Fax Number	0049 - (0)613116172242	0049 - (0)613116172233	0049 - (0)613116172152

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	4,028,351 inhabitants
Area	19,853 km <sup>2</sup>
Population density	203 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	107.5 billion EUR
Main sectors	chemical industry (55,023 employees, 25.1 billion EUR); automotive industry (31,793 employees, 13.7 billion EUR); metal production and processing (40,827 employees, 9.8 billion EUR); mechanical engineering (38,844 employees, 8.3 billion EUR); food processing (25,269 employees, 7.5 billion EUR); plastics industry (23,587 employees, 5.1 billion EUR)
Export rate	47.9%

**II. Chemical Industry in the Region****II.1 Statistics 2008 (companies of 50 employees and more)**

Number of companies in total	96
Number of employees	55,023



Export rate	63.4%
Sector structure	basic chemicals (79%), pharmaceuticals (13%), detergents and performance products (4%), other chemicals (4%)
Share of Chemistry in relation to whole industry in the region	19% of all employees; 30% of the turnover

## II.2 Research capacities

Number of universities, technical colleges, universities of applied science:	25
Number of universities, technical colleges, universities of applied science with chemical department:	7
Technology related institutions:	21 technology centres; 17 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 Rheinland-Pfalz
Homepage	<a href="http://www.vci.de">http://www.vci.de</a> <a href="http://www.chemie-rp.de">http://www.chemie-rp.de</a>
e-Mail	hubert.lendle@lv-rp.vci.de

Name of Organisation:	Arbeitgeberverband Chemie Rheinland-Pfalz e.V.
Homepage	<a href="http://www.chemie-rp.de">http://www.chemie-rp.de</a>
e-Mail	reimer.wittenberg@lv-rp.vci.de

Name of Organisation:	chem2biz - Public-Private Partnership
Homepage	<a href="http://www.chem2biz.de">www.chem2biz.de</a>
e-Mail	michael.hanf@tz-lu.de

## II.4 Main players (companies)

Name of Company:	BASF SE (96,924 employees; 62.3 billion EUR turnover)
Homepage:	<a href="http://www.corporate.basf.com">www.corporate.basf.com</a>

Name of Company:	Abbott Laboratories (68,838 employees; \$25.5 billion sales)
Homepage:	<a href="http://www.abbott.com">www.abbott.com</a>

Name of Company:

Boehringer Ingelheim (41,300 employees; 11.6 billion EUR turnover)

Homepage:

[www.boehringer-ingelheim.de](http://www.boehringer-ingelheim.de)



## Region: Saxony-Anhalt

Logo / Map of the Region:



# SACHSEN-ANHALT



## 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	0049 – (0)391567 – 01
Fax number	0049 – (0)391567 – 4722
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
Surname, Name	Gutowsky, Catrin	Wobben, Thomas
Institution/Company	Ministry for Economy and Labour of Saxony-Anhalt	Representation of Saxony-Anhalt to the EU, Brussels
eMail	catrin.gutowsky@mw.sachsen-anhalt.de	thomas.wobben@lv-bruessel.stk.sachsen-anhalt.de
Internet	www.mw.sachsen-anhalt.de	www.sachsen-anhalt.de
Telephone Number	0049 – (0)391 - 5674452	0032 - (0)2 - 7410930
Fax Number	0049 - (0)391 - 5674722	0032 - (0)2 - 7410939

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	2,384,643 inhabitants
Area	20,447 km <sup>2</sup>
Population density	116.63 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	53.8 billion EUR
Main sectors	Chemical industry, plastic and rubber, food industry, metal production and processing, mechanical engineering, glass production
Export	12.81 billion EUR
Import	11.8 billion EUR

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	67 (more than 20 employees)
Number of employees	14,839
Export rate	43.3 %
Turnover	6.405 billion EUR
Sector structure	basic chemicals (64%), pharmaceuticals (16%), other chemicals (20%)

Share of Chemistry in relation  
to whole industry in the region 17.7% of turnover

## 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: 4 technology centres and 17 research institutes

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

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

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 chemical sites in the Central German Chemical  
Triangle)

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

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

- Other Initiatives related to the chemical sector:
- Saxony-Anhalt works closely together with its neighbouring regions Thuringia, Saxony and Brandenburg representing “Central Germany”: Future Cluster Chemical / Plastics in Central Germany – Wirtschaftsinitiative für Mitteldeutschland GmbH, [www.cluster-chemie-kunststoffe.de](http://www.cluster-chemie-kunststoffe.de) ; [www.mitteldeutschland.com](http://www.mitteldeutschland.com)
- Fördergemeinschaft für Polymerentwicklung und Kunststofftechnik in Sachsen-Anhalt / Mitteldeutschland POLYKUM e.V. – Association for polymer development and plastic techniques in Saxony-Anhalt / Central Germany, [www.polykum.de](http://www.polykum.de)
- Netzwerk Pipeline- und Anlagenbau in Mitteldeutschland – network of the companies of pipeline construction equipment and construction companies in Central Germany, [www.pipeline-anlagenbau.de](http://www.pipeline-anlagenbau.de)
- Research Project – Innovative Regional Growth Pole “Reactive Wet Coating”, Bitterfeld-Wolfen, [www.tig-ev.de/wachstumskern.htm](http://www.tig-ev.de/wachstumskern.htm)

- 4chiral – Netzwerk für Forschung, Produktion und Marketing chiraler Verbindungen – network for research, production and marketing of chiral bonds, Bitterfeld-Wolfen, [www.4chiral.de](http://www.4chiral.de)
- CPI ChemiePark Institute for Lead Industrial Research Bitterfeld-Wolfen, [www.cpi-bitterfeld.de](http://www.cpi-bitterfeld.de)
- Fraunhofer Pilot Plant Center for Polymer Synthesis and Processing Schkopau, [www.polymer-pilotanlagen.de](http://www.polymer-pilotanlagen.de)

## II.4 Main players (companies)

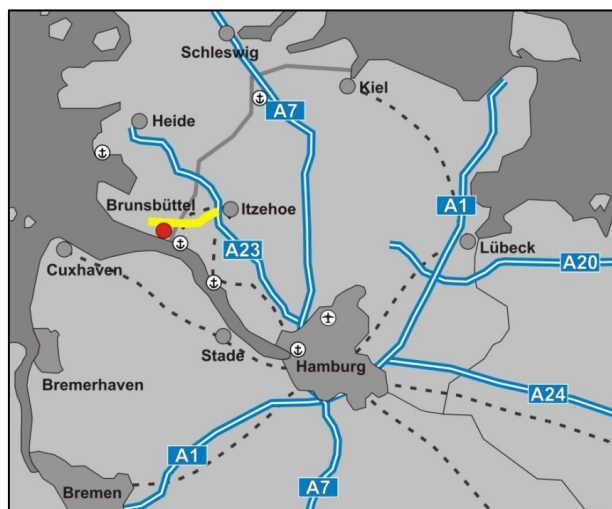
- Dow Olefinverbund GmbH, Schkopau: turnover 955 million € (2008), 2,300 employees (2009), [www.dow.com/facilities/europe/germany](http://www.dow.com/facilities/europe/germany)
- Salutas Pharma GmbH, Barleben: turnover 902 million € (2008), 1,388 employees (2008), [www.salutas.de](http://www.salutas.de)
- Bayer Bitterfeld GmbH, Greppin: turnover 580 million € (2007), 504 (2009) employees, [www.bitterfeld.bayer.de](http://www.bitterfeld.bayer.de)
- Domo Caproleuna GmbH, Leuna: turnover 587 million € (2007), 461 employees (2007), [www.domogroup.com](http://www.domogroup.com)
- SKW Stickstoffwerke Piesteritz GmbH, Lutherstadt Wittenberg: turnover 472.6 million € (2007), 722 (2007) employees, [www.skwp.de](http://www.skwp.de)
- Radici Chimica Deutschland GmbH, Tröglitz: turnover 130.1 million € (2007), 227 (2009) employees, [www.radicigroup.com/chemicals](http://www.radicigroup.com/chemicals)
- Total Raffinerie Mitteldeutschland GmbH, Spergau: turnover 5394 million € (2007), 651 employees (2007), <http://www.total.de>



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## Region: Schleswig-Holstein

Logo / Map of the Region:



Landesregierung  
Schleswig-Holstein



**ChemCoast Park**  
**BRUNSBÜTTEL**  
EIN PROJEKT DER  
EGEB: WIRTSCHAFTSFÖRDERUNG

## Responsible ECRN-Partner

Organisation:	ChemCoast Park Brunsbüttel c/o egeb:Wirtschaftsförderung
Address (Mail Box, Street)	Elbehafen
Postcode, City	22541 Brunsbüttel
Country	Germany
Telephone number	0049 - (0)4852 - 838419
Fax number	0049 - (0)4852 - 838430
Homepage	<a href="http://www.chemcoast.de/brunsbuettel">www.chemcoast.de/brunsbuettel</a> / <a href="http://www.egeb.de">www.egeb.de</a>

Type of Organisation:

- |                                       |  |
|---------------------------------------|--|
| Ministry                              | <input type="checkbox"/>   |
| University or Educational institution | <input type="checkbox"/>   |
| Public Organisation (please specify)  | <input checked="" type="checkbox"/> public business development organisation |
| 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	Wrede, Jens	Ziedorn, Volker	Dethlefs, Julia
Institution/Company	egeb:Wirtschaftsförderung	egeb:Wirtschaftsförderung	egeb:Wirtschaftsförderung
eMail	wrede@egeb.de	ziedorn@egeb.de	dethlefs@egeb.de
Internet	www.egeb.de	www.egeb.de	www.egeb.de
Telephone Number	0049 - (0) 4852838419	0049 - (0) 4852838415	0049 (0) 4852838414
Fax Number	0049 - (0) 4852838430	0049 - (0) 4852838430	0049 (0) 4852838430

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	2.83 million inhabitants
Area	1.58 million ha
Population density	1.8 inhabitants per ha
Gross Domestic Product (GDP)	approx. 73.4 billion EUR (25,936 EUR/cap.)
Main sectors	Base Chemicals, Energy Production, Oil Processing, Logistics, Tourism
Export- and Import rate	20.4% (Ex), 23.2% (Im)

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	46
Number of employees	5,403
Export rate	56.2%
Sector structure	heterogeneous mix of chemical / energy production and logistics
Share of Chemistry in relation to whole industry in the region	8%



## II.2 Research capacities

Number of universities / technical colleges /universities of applied science: 6

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

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

Name of Organisation: Landesamt für Landwirtschaft, Umwelt und ländliche Räume (authorising body)  
 Homepage <http://www.schleswig-holstein.de/LLUR>  
 e-Mail [poststelle@llur.landsh.de](mailto:poststelle@llur.landsh.de)

Name of Organisation: Ministerium für Wissenschaft, Wirtschaft und Verkehr (coordination of the Schleswig-Holstein chemical cluster)  
 Homepage <http://www.schleswig-holstein.de/MWV>  
 e-Mail [mwvinternet@wimi.landsh.de](mailto:mwvinternet@wimi.landsh.de)

Name of Organisation: VCI Nord – Verband der Chemischen Industrie e.V. Landesverband Nord (chemical association of Northern Germany)  
 Homepage <http://www.vci-nord.de>  
 e-Mail [info@lv-nord.vci.de](mailto:info@lv-nord.vci.de)

## II.4 Main players (companies)

Name of Company: Bayer Material Science  
 Homepage: [www.brunsbuettel.bayer.de](http://www.brunsbuettel.bayer.de)

Name of Company: Sasol Germany  
 Homepage: [www.sasol.com](http://www.sasol.com)

Name of Company: Yara  
 Homepage: <http://www.yara.com>

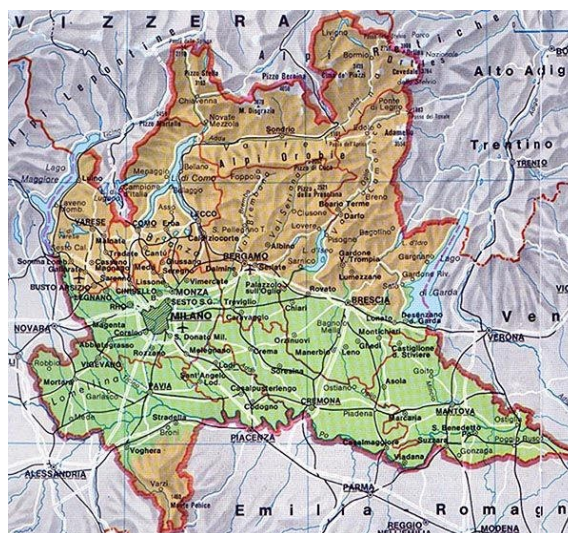
Name of Company: Total Bitumen Deutschland  
 Homepage: [www.bitumen.total.de](http://www.bitumen.total.de)

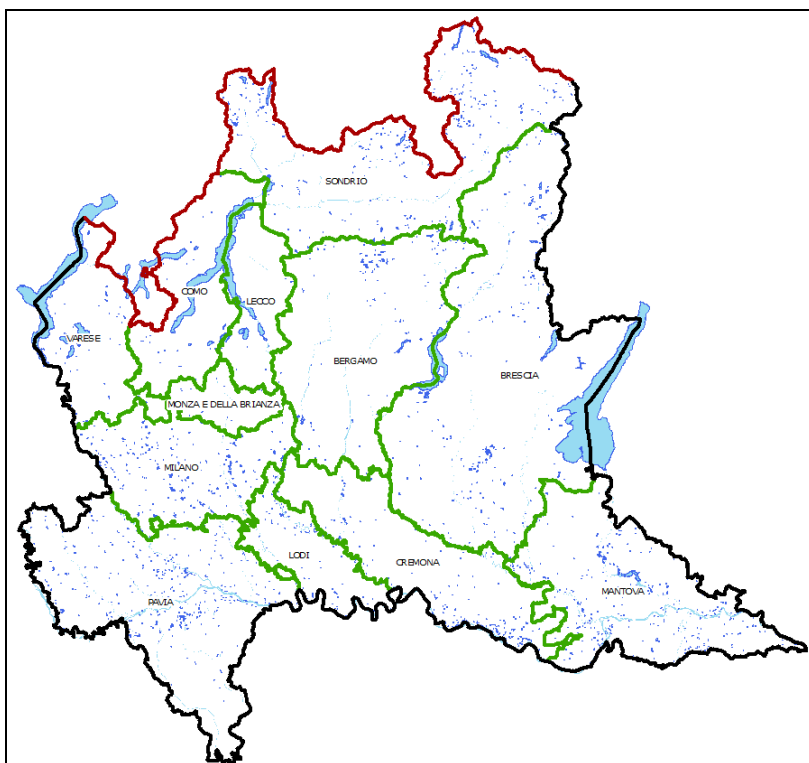
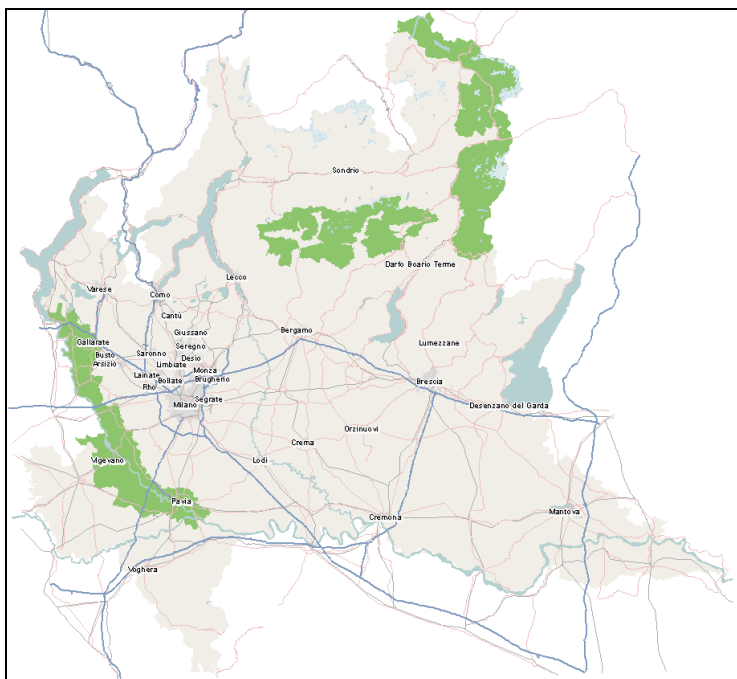


# ITALY

## Region: Lombardy

Logo / Map of the Region:





## Responsible ECRN-Partner

Organisation: REGIONE LOMBARDIA, University and Research Unit, Presidency  
 Address (Mail Box, Street) Via F. Filzi, 22  
 Postcode, City 20124 Milano  
 Country Italy  
 Telephone number 0039 - 02 - 67656818  
 Fax number 0039 - 02 - 67656882  
 Homepage www.regione.lombardia.it

### 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 Political Representative	Team Member 2	Team Member 3	Team Member 4	Team Member 5
Surname, Name	Cavalli, Alberto	De Crinito, Armando	Cristofaro, Vincenzina	Rundo, Carmela	Ciulli, Folco
Institution/ Company	Regione Lombardia	Regione Lombardia	Regione Lombardia	Regione Lombardia	Regione Lombardia Delegation to the EU
eMail	alberto_cavalli@ regione.lombardia.it	armando_de_crinito@ regione.lombardia.it	enza_cristofaro@ regione.lombardia.it	carmela_rundo@ regione.lombardia.it	folco_ciulli@ regione.lombardia.it
Internet	www. regione.lombardia.it	www. regione.lombardia.it	www. regione.lombardia.it	www. regione.lombardia.it	www. regione.lombardia.it
Phone Number	0039 – 02 6765.2220	0039 – 02 6765.6818	0039 – 02 6765.2954	0039 – 02 6765.5513	0032 - 25187600
Fax Number	0039 – 02 6765.6837	0039 – 02 6765.6882	0039 – 02 6765.6882	0039 – 02 6765.6882	0032 - 25187626

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	9.917.714 inhabitants
Area	23,861 km <sup>2</sup>
Population density	415,7 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	310,952.50 million EUR (20.4% of Italian GDP)
Main sectors	Industry (mechanical, chemicals, steel, food, rubber, timber, paper, etc.), Services (financial, banking, IT&C, advisory, etc.)
Export:	115.969.058,62 (x 1000) EUR
Import:	93.902.971,02 (x 1000) EUR

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of local units in total	2,438
Number of employees (chemicals including pharmaceuticals)	78,616

#### II.2 Research capacities

Number of universities, technical colleges, universities of applied science:	12 universities and 1 institute for advanced studies
Number of universities, technical colleges, universities of applied science with chemical department:	about 6
Technology related institutions (chemical sector):	97 (32 university departments/centers, 18 R&D societies, 5 EPR, 23 university consortia, 4 non-university consortia, 3 cooperative societies, 1 university foundation, 2 special agency of the chamber of commerce, 1 research centre, 2 other entities, 1 science and technology park, 1 individual company, 4 non-university foundation)

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

Name of Organisation: Federchimica  
 Homepage [www.federchimica.it](http://www.federchimica.it)  
 e-Mail [federchimica@federchimica.it](mailto:federchimica@federchimica.it)

Name of Organisation: CNR Istituto di Scienze e Tecnologie Molecolari (ISTM)  
 Homepage <http://www.istm.cnr.it>  
 e-Mail [direttore@istm.cnr.it](mailto:direttore@istm.cnr.it)

### II.4 Main players (companies)

Very dynamic Italian companies having a strong presence in Lombardia are for example:

- Polimeri Europa ([www.polimerieuropa.com](http://www.polimerieuropa.com)), worldwide sales 6138 million EUR
- Gruppo Mapei ([www.mapei.com](http://www.mapei.com)), worldwide sales 1832 million EUR
- Radici Group ([www.radicigroup.com](http://www.radicigroup.com)), worldwide sales 1161 million EUR
- Gruppo Bracco ([www.bracco.com](http://www.bracco.com)), worldwide sales 719 million EUR (excluding pharmaceuticals)
- Gruppo P & R ([www.prholding.it](http://www.prholding.it)) , worldwide sales 692 million EUR
- Polynt Group ([www.polynt.it](http://www.polynt.it)) , worldwide sales 614 million EUR
- Gruppo C.O.I.M.([www.coimgroup.com](http://www.coimgroup.com)), worldwide sales 550 million EUR
- Gruppo Sol ([www.sol.it](http://www.sol.it)), worldwide sales 519 million EUR
- Gruppo SIAD ([www.siad.it](http://www.siad.it)), worldwide sales 452 million EUR
- Gruppo Sapio ([www.grupposapio.it](http://www.grupposapio.it)) , worldwide sales 431 million EUR
- Gruppo Lamberti ([www.lamberti.com](http://www.lamberti.com)), worldwide sales 368 million EUR

Moreover, important multinational companies (i.e. Bayer, Aventis, Sanofi, Roche, Rhodia, Solvay, BASF, AstraZeneca, etc.) have established in Lombardia their headquarters and production plants.



## Region: Piemonte & Novara

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:

Address (Mail Box, Street)

Postcode, City

Country

Telephone number

Fax number

Provincia di Novara

Piazza Matteotti, 1

28100 NOVARA

Italia

0039 – (0)321 – 3781

0039 – (0)321 – 37836087

Type of Organisation:

Ministry

University or Educational institution

Public Organisation (please specify)

Public Administration

Private enterprise

Other (please specify)



**Contact details for ECRN:**

Contact Details	Team Member 1
Surname, Name	Brustia, Silvano
Institution/Company	Provincia di Novara
eMail	s.brustia@provincia.novara.it
Internet	www.provincia.novara.it
Telephone Number	0039 – 0321378875
Fax Number	0039 – 0321378873

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	366,479 inhabitants (M = 177,979; F = 188,500)
Area	1,338.79 km <sup>2</sup>
Population density	274 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	28,484.66 million EUR Agriculture 1.5%, Industry 33.7% Services 64.8%
Main sectors	Agriculture employment = 4,000 units (3%) Industry employment = 57,000 units (36%) Others Services employment = 95,000 units (61%)
Import	2,998.92 million EUR
Export	4,110.58 million EUR

## II. Chemical Industry in the Region

### II.1 Statistics

Number of companies in total      Provincia di Novara 243

Number of employees                  Provincia di Novara 6,134

Export rate                                13%  
(share calculated on the total of Italian chemistry)  
(Istat, Statistiche commercio estero)

Import/Export Provincia di Novara  
rate (chemical sector)                  Import = 30.0%, Export = 30.1%

Sector structure                          base chemistry 11%, gum resin and plastic materials 53%,  
petrochemical 5%, pharmaceuticals 5%, fine chemistry and fibres  
3%, adhesives, synthetic dyes, others 23%

Share of Chemistry in relation  
to whole industry in the region      27%  
(provincial area)

### II.2 Research capacities

Number of universities/ technical  
Colleges/ universities of applied science:      Provincia di Novara: N. 1 - Università degli Studi del  
Piemonte Orientale A. Avogadro (East Piedmont  
University "A. Avogadro")

Number of universities/ technical colleges/  
universities of applied science  
with chemical department:                  Provincia di Novara: Provincia di Novara: N. 1 –  
Università degli Studi del Piemonte Orientale A.  
Avogadro (East Piedmont University "A. Avogadro")

Technology:                                  Istituto Donegani

Via Giacomo Fauser 36/a – 28100 Novara – Tel +39  
0321 677411 (the other research centres are not  
independent from companies)

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

Name of Organisation: CONSORZIO IBIS  
Homepage [www.regione.piemonte.it/cms/piemonte-informa/diario/archivio/2009/luglio/la-chimica-pi-compatibile-con-l-ambiente.html](http://www.regione.piemonte.it/cms/piemonte-informa/diario/archivio/2009/luglio/la-chimica-pi-compatibile-con-l-ambiente.html)

e-Mail

Name of Organisation: FONDAZIONE NOVARA SVILUPPO  
Homepage [www.novarasviluppo.it](http://www.novarasviluppo.it)  
e-Mail [info@novarasviluppo.it](mailto:info@novarasviluppo.it)

Name of Organisation: Incubatore di Impresa del Polo di Innovazione di Novara scarl  
Homepage  
e-Mail [tto@unipmn.it](mailto:tto@unipmn.it)

Name of Organisation: CLUB DONEGANI  
Homepage [www.clubdonegani.it](http://www.clubdonegani.it)  
e-Mail

Name of Organisation: ITIS OMAR  
Homepage [www.itiomar.it](http://www.itiomar.it)  
e-Mail [omar@itiomar.net](mailto:omar@itiomar.net)

Name of Organisation: FACOLTA DI SCIENZE MATEMATICHE FISICHE E NATURALI  
UNIVERSITA' DEL PIEMONTE ORIENTALE A. AVOGADRO  
Homepage [www.pharm.unipmn.it](http://www.pharm.unipmn.it)  
e-Mail [preside.pharm@unipmn.it](mailto:preside.pharm@unipmn.it)

Name of Organisation: FACOLTA' DI CHIMICA E TECNOLOGIE FARMACEUTICHE  
Homepage [www.mfn.unipmn.it](http://www.mfn.unipmn.it)  
e-Mail [ufficio.presidenza.mfn@unipmn.it](mailto:ufficio.presidenza.mfn@unipmn.it)

Name of Organisation: ITIS LEONARDO DA VINCI (Borgomanero – NO)  
Homepage <http://www.fausernet.novara.it/~itisleon>  
e-Mail [itisleon@tin.it](mailto:itisleon@tin.it)

## II.4 Main players (companies)

Name of Company: NOVAMONT SPA – Via Giacomo Fauser, 8 – 28100 Novara  
Tel.: +39 0321 6996.11; Fax: +39 0321 6996.00/11

e-mail: [info@novamont.com](mailto:info@novamont.com)

Homepage: [www.novamont.com](http://www.novamont.com)

Name of Company: ISAGRO RICERCA S.r.l. – Via Giacomo Fauser, 4 -  
28100 Novara

Tel.: +39 0321 693601; Fax: +39 0321 693887

e-mail: [isagro@isagro.it](mailto:isagro@isagro.it)

Homepage: [www.isagro.com](http://www.isagro.com)

Name of Company: RADICI CHIMICA SPA – Via Giacomo Fauser, 50 – 28100 Novara  
Tel.: +39 0321 693111

e-mail: [info@radicichimicanovara.radicigroup.it](mailto:info@radicichimicanovara.radicigroup.it)

Homepage: [www.radicichimica.com](http://www.radicichimica.com)

Name of Company: POLIOLI S.p.A. – via Emilia, 85 – 20093 Cologno monzese (MI)  
Tel.: +39 02 25191 – Fax: +39 02 251940

e-mail: [info.polioli@grupprofar.com](mailto:info.polioli@grupprofar.com)

Homepage: [www.grupprofar.com](http://www.grupprofar.com)

Name of Company: M&G S.p.A. – Località Ribrocca – 15057 Tortona (AL)  
Tel.: +39 0131 8101 – Fax: +39 0131 811759

e-mail: [guido.ghisolfi@gruppomg.com](mailto:guido.ghisolfi@gruppomg.com)

Homepage: [www.gruppomg.com](http://www.gruppomg.com)

Name of Company: MIRATO S.P.A. – Strada Provinciale Est Sesia – 28060  
Landiona (NO)

Tel.: +39 0321 827711 – Fax: +39 0321 1828273

e-mail: [info@mirato.it](mailto:info@mirato.it)

Homepage: [www.mirato.it](http://www.mirato.it)

Name of Company: SARPOM – Via Viegevano 43 – 28069 S. Martino di Trecate (NO)

Tel.: +39 0321 795246 – Fax: +39 0321 795270

e-mail: marco.cerriotti@exxonmobil.com

Homepage: [http://www.esso.com/Italy-Italian/PA/Operations/IT\\_Refining\\_Trecate.asp](http://www.esso.com/Italy-Italian/PA/Operations/IT_Refining_Trecate.asp)

Name of Company: MEMC Electronic Materials S.p.A. – Via le Gherzi 31 – 28100 Novara

Tel.: +39 0321 334296 – Fax: +39 0321 334276


e-mail: g.gattere@memc.it

Homepage: [www.memc.com](http://www.memc.com)

## 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 - 3899999  
 Homepage [www.limburg.nl](http://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
Surname, Name	Plees, Dirk	Hommels, Theo
Institution/Company	Province of Limburg	Liof
e-Mail	d.plees@prvlimburg.nl	thommels@liof.nl
Telephone Number	0031 – 06– 52688202	0031 – (0)433280280
Fax Number	0031 – (0)43 – 3897664	

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	1,123,705 inhabitants
Area	2.209 km <sup>2</sup>
Population density	509 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	29,249 EUR per inhabitant; growth 0.7%
Main sectors	Industry Commercial Services
Export- and Import rate	-

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total	Chemicals 96, Rubber and plastics 116
Number of employees	Chemicals 10,621, Rubber and plastics 4,168
Export	3,631 million EUR
Export rate	70% (export/total turnover)
Sector structure	Basic chemicals (58% of number of employees), Manufacture of rubber and plastic products (28% of NE), Engineering Plastics, Performance Materials, Special Products, Pharmaceuticals and Life Sciences
Share of Chemistry in relation to whole industry in the region	17% of Industrial NE (14,789/84,999)

#### 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)

### 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))
- Trespa ([www.trespa.com](http://www.trespa.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: Mazowia**

(coming soon)

# SPAIN

## Region: Asturias

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:



IDEPA, Instituto de Desarrollo Económico  
del Principado de Asturias

Economic Development Agency of the Principality of Asturias

Address (Mail Box, Street) Parque Tecnológico de Asturias  
 Postcode, City 33420 Llanera - Asturias  
 Country Spain  
 Telephone number 0034 - 985980020  
 Fax number 0034 - 985264455  
 Homepage [www.idepa.es](http://www.idepa.es)

Type of Organisation:

- Ministry  Ministry of Industry and Employment of Asturias  
 Regional Government
- University or Educational institution
- Public Organisation (please specify)
- Private enterprise
- Other (please specify)

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Fernández, Jaime	Palacio, Paz	Natalia, Díaz
Institution/Company	IDEPA	IDEPA	IDEPA
eMail	jaime@idepa.es	paz@idepa.es	nataliadg@idepa.es
Internet	www.idepa.es	www.idepa.es	www.idepa.es
Telephone Number	0034 - 985980020	0034 - 985980020	0034 - 985980020
Fax Number	0034 - 985264455	0034 - 985264455	0034 - 985264455

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	1,084,341 inhabitants
Area	10,564 km <sup>2</sup>
Population density	102.36 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	23,115,779 million EUR
Main sectors	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. Right now, however, the sector most rapidly expanding in Asturias is chemicals.
Export- and Import rate	94.03%

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	100
Number of employees	2,994
Export rate	45.6%
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, such as synthetic fibres

Share of Chemistry in relation  
to whole industry in the region

2.45% of total companies

5.3% of total employees

4.35% of the turnover

## 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:

17 public institutions (6 Research Centres; 6 Technology Centres;  
5 Technological Services Providers)

6 private R&D centres

10 University Institutions

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

Name of Organisation: AIQPA  
Asociación de Industrias Químicas y de Procesos de Asturias  
(Association of Chemical and Process Industries of Asturias)

Homepage [www.aiqpa.com](http://www.aiqpa.com)

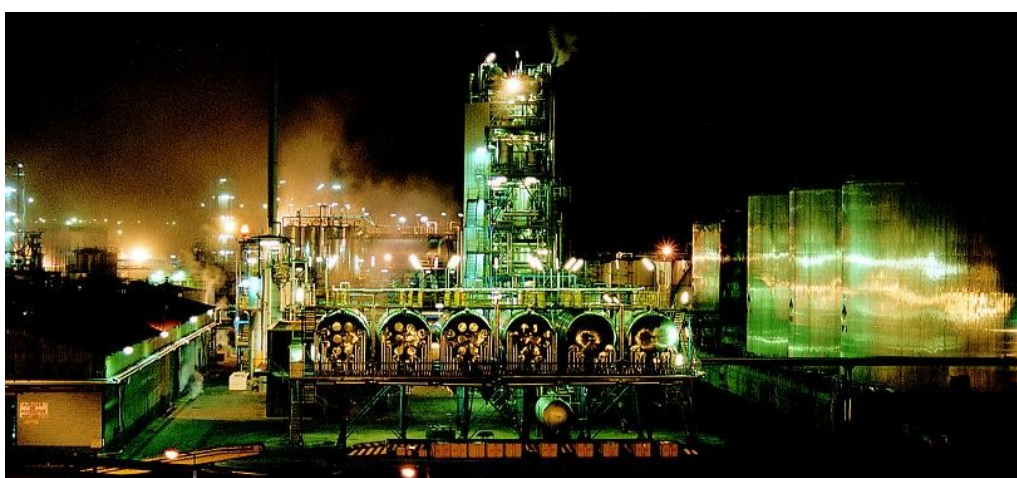
e-Mail [contacto@aiqpa.com](mailto:contacto@aiqpa.com)

Name of Organisation: Colegio Oficial de Químicos de Asturias y León. Asociación de  
Químicos de Asturias (Chemists College of Asturias and León;  
Chemists Association of Asturias)

Homepage [www.alquimicos.com](http://www.alquimicos.com)

## II.4 Main players (companies)

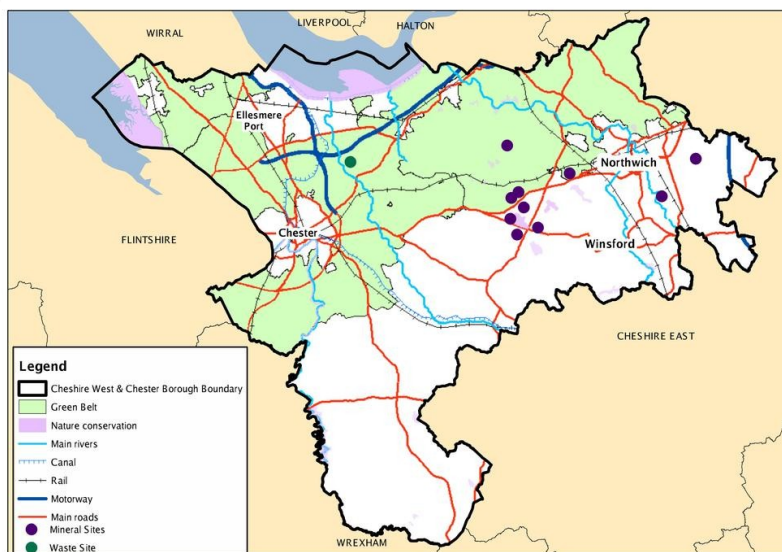
Company	Homepage
Du Pont Ibérica, S. L. Linpac Plastics Pravia, S. A. Celulosas de Asturias, S. A. Industrial Química del Nalón, S. A. Mecanizaciones y Fabricaciones, S. A. Fertiberia, S. A. Química Farmacéutica Bayer, S. A.	<a href="http://www.dupont.com">www.dupont.com</a> <a href="http://www.linpac-plastics.es">www.linpac-plastics.es</a> <a href="http://www.ence.es">www.ence.es</a> <a href="http://www.nalonchem.com">www.nalonchem.com</a> <a href="http://www.mefasa.com">www.mefasa.com</a> <a href="http://www.fertiberia.es">www.fertiberia.es</a> <a href="http://www.bayer.es">www.bayer.es</a>



## UNITED KINGDOM

### Region: Cheshire West and Chester

Logo / Map of the Region:



### Responsible ECRN-Partner

Organisation:	Cheshire West and Chester Council
Address (Mail Box, Street)	HQ – 58 Nicolas Street
Postcode, City	Chester, CH1 2NP
Country	United Kingdom
Telephone number	+44 300 123 8 123
Homepage	<a href="http://www.cheshirewestandchester.gov.uk/">http://www.cheshirewestandchester.gov.uk/</a>

### Type of Organisation:

Ministry	<input type="checkbox"/>
University or Educational institution	<input type="checkbox"/>
Public Organisation (please specify)	<input checked="" type="checkbox"/> Public Authority
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	Lee, Francis (contact for East and West)	Manley, Herbert	Hollender, Vince
Institution/Company	Cheshire West and Chester Council	Cheshire West and Chester Council	Cheshire West and Chester Council
e-Mail	francis.lee@cheshirewestandchester.gov.uk	herbert.manley@cheshirewestandchester.org.uk	vince.hollender@cheshirewestandchester.gov.uk
Internet	<a href="http://www.cheshirewestandchester.gov.uk/">http://www.cheshirewestandchester.gov.uk/</a>	<a href="http://www.cheshireeast.gov.uk/">http://www.cheshireeast.gov.uk/</a>	<a href="http://www.cheshireeast.gov.uk/">http://www.cheshireeast.gov.uk/</a>
Telephone Number	+44 1244 972263	+44 0300 1238123	+44 0151 356630
Fax Number			+44 0151 356600

## Regional Economics and Chemistry

### I. Regional Economics (in general)

Population	686,400 inhabitants (Cheshire East 327,500 and Cheshire West and Chester 358,900)
Area	2,083 km <sup>2</sup> (Cheshire East 917 km <sup>2</sup> and Cheshire West and Chester 1166 km <sup>2</sup> )
Population density	304 inhabitants per km <sup>2</sup>
Gross Value Added (GVA)	141.29 billion EUR GVA (10.1% of United Kingdom GVA which was 1,433.5 billion EUR)
Main sectors	Chemicals (14.5 billion EUR), Aerospace, Biotechnology, Digital Industries, Environmental Technologies & Services (ETS), Food & Drink, Textiles, Financial & Professional Services
Exports	24.5 billion EUR Exports of region as % of UK exports: 9.0%
Imports	22.9 billion EUR Imports of region as % of UK imports: 6.2%

### II. Chemical Industry in the Region

#### II.1 Statistics

Number of companies in total      800

Number of employees	160,000
Export rate	54% exports from region
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	10%

## 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:	10

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

Name of Organisation: Chemicals Northwest  
 Homepage [www.chemicalsnorthwest.org.uk](http://www.chemicalsnorthwest.org.uk)  
 e-Mail [projects@chemicalsnorthwest.org.uk](mailto:projects@chemicalsnorthwest.org.uk)

Name of Organisation: Northwest Regional Development Agency  
 Homepage <http://www.nwda.co.uk>  
 E-Mail [information@nwda.co.uk](mailto:information@nwda.co.uk)

Name of Organisation: National Skills Academy  
 Homepage <http://www.process.nsacademy.co.uk>  
 E-Mail [r.langford@process.nsacademy.co.uk](mailto:r.langford@process.nsacademy.co.uk)

Name of Organisation: Business Link North West  
 Homepage <http://www.businesslinknw.gov.uk>  
 E-Mail [info@businesslinknw.co.uk](mailto:info@businesslinknw.co.uk)

Name of Organisation: DICIDA  
 Homepage <http://www.dicida-uk.org>  
 E-Mail [lynne.brear@teesvalley-jsu.gov.uk](mailto:lynne.brear@teesvalley-jsu.gov.uk)



## II.4 Main players (companies)

Name of Company: Innospec  
Home page <http://www.innospecinc.com/>

Name of Company: GrowHow  
Home page <http://www.grohow.co.uk>

Name of Company: Tata Chemicals Europe  
Homepage: [www.tatachemicals.com/europe](http://www.tatachemicals.com/europe)

Name of Company: Ineos ChlorVinyls  
Homepage: <http://www.ineoschlor.com>

Name of Company: Innospec  
Home page <http://www.innospecinc.com/>

Name of Company: Essar Energy  
Home page <http://www.essarenergy.com>

Name of Company: Shell Chemicals (UK) Ltd  
Homepage: <http://www.shellchemicals.com>



## Region: Scotland

Logo / Map of the Region:



Chemical Sciences  
**SCOTLAND**

## Responsible ECRN-Partner

Organisation:	Chemical Sciences Scotland
Address (Mail Box, Street)	Laurel Hill Business Park
Postcode, City	Stirling
Country	Scotland
Telephone number	0044 – (0)1786 – 451919
Fax number	0044 – (0)1786 – 478123
Homepage	<a href="http://www.chemicalsciencesscotland.com">www.chemicalsciencesscotland.com</a>

Type of Organisation:

- |                                       |   |
|---------------------------------------|---|
| Ministry                              | <input 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 checked="" type="checkbox"/> The Scottish Chemicals Sector |

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Soutar, Fiona	Strain, Caroline	Hamilton, Lilian
Institution/Company	Scottish Enterprise	Scottish Enterprise	Scottish Enterprise
eMail	fiona.soutar@scotent.co.uk	caroline.strain@scotent.co.uk	lilian.hamilton@scotent.co.uk
Internet	www.scottish-enterprise.com	www.scottish-enterprise.com	www.scottish-enterprise.com
Telephone Number	0044 – (0)1786 – 452049	0044 – (0)1786 – 452118	0044 – (0)1786 – 452015
Fax Number			

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	5,168,500 inhabitants
Area	78,807 km <sup>2</sup> (30,427 sq mi)
Population density	65 inhabitants per km <sup>2</sup> (169.8 per sq mi)
Gross Domestic Product (GDP)	£2,140 million
Main sectors	Energy, Food and Drink, Financial Services, Tourism, Chemical Sciences, Life Sciences, Textiles, Forestry, Construction and Enabling Technologies, Marine and Defence
Export and Import rate	Food and Beverages £3.4 billion Chemicals £3.5 billion Wholesale, retail & accommodation 1.4 billion Business Services 2.3 billion

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	150
Number of employees	14,000 – 70,000 dependant on the sector
Export rate	£3.5 billion



Name of Company: DuPont Teijin Films UK Limited  
Homepage:

Name of Company: GSK  
Homepage:

Name of Company: FUJI Film  
Homepage:

Name of Company: DSM Nutritional Products (UK) Ltd  
Homepage:

Name of Company: Polimeri Europa UK Ltd  
Homepage:

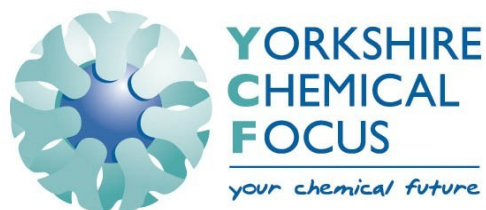
Name of Company: Rohm & Haas (Scotland) Ltd  
Homepage:

Name of Company: Dow  
Homepage:



## Region: Yorkshire & The Humber

Logo / Map of the Region:



## Responsible ECRN-Partner

Organisation:	Humber Chemical Focus Ltd & Yorkshire Chemical Focus Ltd
Address (Mail Box, Street)	HCF Ltd, CATCH, Kiln Lane, Stallingborough, Grimsby NE, Lincolnshire
Postcode, City	DN41 8TH
Country	United Kingdom
Telephone number	0044 – 1469 552840
Fax number	0044 – 1469 552849
Homepage	<a href="http://www.humberchemicalfocus.org">www.humberchemicalfocus.org</a> ; <a href="http://www.ycf.org.uk">www.ycf.org.uk</a>

Type of Organisation:

- |                                       |  |
|---------------------------------------|--|
| Ministry                              | <input 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 checked="" type="checkbox"/> Private-public sector business partnership |

Contact details for ECRN:

Contact Details	Team Member 1	Team Member 2	Team Member 3
Surname, Name	Dr Hughes, Glyn	Hedges, Katie	Gerrard, Ralph
Institution/Company	Humber Chemical Focus Ltd	Humber Chemical Focus Ltd	Yorkshire Chemical Focus Ltd
eMail	glyn.hughes@humberchemical.co.uk	katie.hedges@humberchemical.co.uk	ralph@ycf.co.uk
Internet	www.humberchemicalfocus.org	www.humberchemicalfocus.org	www.ycf.org
Telephone Number	0044 – (0)776 33422	0044 – (0)146 9552840	0044 – (0)148 4554106
Fax Number			

**Regional Economics and Chemistry****I. Regional Economics (in general)**

Population	5,000,000 inhabitants
Area	15,000 km <sup>2</sup>
Population density	330 inhabitants per km <sup>2</sup>
Gross Domestic Product (GDP)	90 billion EUR GVA
Main sectors	Engineering, Aerospace, Energy Generation, Fuel Manufacture, Transport & Ports, Chemical & Process Industries, Digital, Tourism
Export- and Import rate	Chemical sector export 65% of production

**II. Chemical Industry in the Region****II.1 Statistics**

Number of companies in total	300
Number of employees	20,000
Export rate	65% +
Sector structure	All major sectors represented: petrochemicals, pharma, paints, pigments, personal care, oleochemicals, biofuels, specialty chemicals, commodity chemicals & solvents

Share of Chemistry in relation to whole industry in the region      second largest manufacturing sector in regional with average of 5% GVA contribution

## II.2 Research capacities

Number of universities / technical colleges /universities of applied science:      6 major university centers (Hull, York, Leeds, Huddersfield, Bradford, Sheffield)

Number of universities / technical colleges /universities of applied science with chemical department:      all universities have chemical science departments

Technology:      York, Bradford and Hull, Leeds and Sheffield host Center for Industrial Collaboration and Excellence

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

Name of Organisation:      Humber Chemical Focus Ltd  
 Homepage      [www.humberchemicalfocus.org](http://www.humberchemicalfocus.org)  
 e-Mail

Name of Organisation:      Yorkshire Chemical Focus Ltd  
 Homepage      [www.ycf.org.uk](http://www.ycf.org.uk)  
 e-Mail

## II.4 Main players (companies)

Name of Company:      Total, ConocoPhillips, BP, Ineos, Kemira, Novartis, Cristal (Tioxide), Nippon Ghosie, Centrica, Greenergy, Vivergo, Blue Star Lenzing, Yule Catto –Synthomer, Southern & Scottish, Gassco, Windgas, Simon Storage, Rix, Mcbrides, Reckitt Benckiser, Croda, Syngenta, Nufarm, Rhodia, Vivimed, Dr Reddyd, Brotherton Esseco, Brentag, ISP, Univar, Cray Valley





The Humber River: The Gateway to Europe for the Yorkshire & Humber Region

## Impressum:

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Prof. Dr. Birgitta Wolff, Minister of Science and Economy of Saxony-Anhalt

#### Director of the Secretariat:

Dr. Hanny Nover

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