

Statistical aspects of the oil economy in 2001

Emile SIEBENALLER

Statistics
in focus

ENVIRONMENT AND
ENERGY

THEME 8 – 8/2002

ENERGY

Contents

Provisional data for 2001

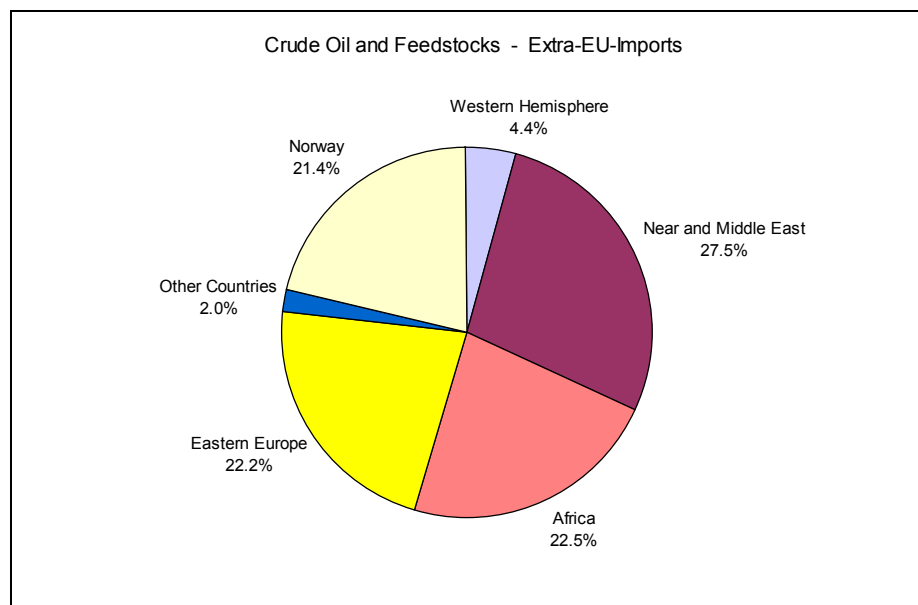


Figure 1: Shares of imports

Supply structure

In 2001, **crude oil production** within the European Union fell by 6.5% to a total of 147 million tonnes, with United Kingdom production at only 117.7 million tonnes compared with the 126.5 million recorded in 2000 (a drop of 6.9%). In Denmark, Europe's second biggest oil producer, production also fell by 4.0% to 17.1 million tonnes.

Extra-EU imports of crude oil decreased by 0.4% to a total of 499.7 million tonnes.

As in the past, the European Union's main suppliers of crude oil were the countries of the Near and Middle East, even though their share was once again down, from 31.1% in 2000 to 27.5% in 2001. The share of imports from Africa was up from 22.0% in 2000 to 22.5% in 2001. Imports from Eastern Europe rose by 12.2 million tonnes to 110.9 million tonnes and take a share of 22.2% of total imports compared to 19.7% in 2000. Norway now provides only 21.4% of EU imports (22.9% in 2000).

Imports of petroleum products were up by 3.2% from the previous year's figure, to a total of 219.4 million tonnes.



Net oil imports

The United Kingdom and Denmark remained net oil exporters in 2001, despite a significant fall-off from the previous year's figures (-25.9% for the United Kingdom and -15.2% for Denmark). All the other European Union Member States were net oil importers.

Refining

Refinery input in the European Union as a whole fell by 0.2%, but there were increases at national level as follows: Austria (+ 11.6%), Portugal (+ 6.4%), Belgium (+ 4.9%), Ireland (+ 4.4 %), Italy (+ 2.4%), Netherlands (+ 1.6%), France (+ 1.2%). Decreases were noted in Sweden (-5.4%), Finland (-5.0%), the United Kingdom (-4.2%), Spain (-3.4%), Greece (-3.2%), Denmark (-2.5%) and Germany (-1.4%).


Consumption trends

Total deliveries of petroleum products were 1.6% up on the 2000 figure, from 543.4 to 552.3 million tonnes. In the Member States there were increases in deliveries in Luxembourg (+ 5.9%), Austria (+ 5.4%), Spain (+ 3.9%), Portugal (+ 3.8%), Finland (+ 3.1%), Ireland (+ 2.7%), Denmark (+ 2.4%), the Netherlands (+ 2.2%), France (+ 2.1%), Germany (+ 1.8%), Italy (+ 1.4%), Greece (+ 1.1%) and Belgium (+ 0.8%). Consumption remained almost unchanged in the United Kingdom and fell by 9.0% in Sweden.

Extra-EU imports of Crude Oil and Feedstocks

Provisional Data January – December 2001

EU-15

|  COUNTRY OF ORIGIN | 2001 | | 2000 | | Variations 2001 - 2000 ¹⁾ | |
|--|-------|-------|-------|-------|--------------------------------------|-------|
| | Mio t | % | Mio t | % | Mio t | % |
| 1. WESTERN HEMISPHERE | 22.0 | 4.4 | 18.6 | 3.7 | 3.4 | 18.3 |
| among which: Mexico | 9.2 | 1.8 | 9.8 | 1.9 | -0.6 | -6.3 |
| Venezuela | 10.3 | 2.1 | 8.2 | 1.6 | 2.1 | 25.6 |
| 2. NEAR AND MIDDLE EAST | 137.3 | 27.5 | 155.9 | 31.1 | -18.7 | -12.0 |
| among which: Saudi Arabia | 58.7 | 11.7 | 65.7 | 13.1 | -7.0 | -10.6 |
| Iran | 31.2 | 6.2 | 35.4 | 7.1 | -4.2 | -11.9 |
| Iraq | 19.3 | 3.9 | 31.2 | 6.2 | -11.9 | -38.1 |
| Kuwait | 7.9 | 1.6 | 9.7 | 1.9 | -1.9 | -19.3 |
| 3. AFRICA | 112.4 | 22.5 | 110.3 | 22.0 | 2.0 | 1.8 |
| among which: Nigeria | 25.4 | 5.1 | 22.2 | 4.4 | 3.2 | 14.3 |
| Libya | 44.8 | 9.0 | 47.4 | 9.5 | -2.6 | -5.5 |
| Algeria | 19.3 | 3.9 | 21.8 | 4.3 | -2.5 | -11.4 |
| Egypt | 3.9 | 0.8 | 5.6 | 1.1 | -1.7 | -30.8 |
| 4. EASTERN EUROPE | 110.9 | 22.2 | 98.7 | 19.7 | 12.2 | 12.4 |
| 5. OTHER COUNTRIES/UNIDENTIFIED | 117.1 | 23.4 | 117.9 | 23.5 | -0.8 | -0.6 |
| among which: Norway | 107.0 | 21.4 | 114.8 | 22.9 | -7.7 | -6.7 |
| 6. TOTAL (1+2+3+4+5) | 499.7 | 100.0 | 501.5 | 100.0 | -1.8 | -0.4 |
| among which: OPEC | 217.1 | 43.5 | 242.0 | 48.2 | -24.8 | -10.3 |

1) the values for quantities and percentages are calculated on the base of yearly figures in 1000 t and then are rounded

MINERALÖL

PETROLEUM

PETROLE

JAN-DEZ 2001 - Erste Ergebnisse

JAN-DEC 2001 - First Results

JAN-DEC 2001 - Premiers Resultats

| | EU-15 | Euro-Zone | B | DK | D | EL | E | F | IRL | I | L | NL | A | P | FIN | S | UK |
|--|--|-----------|--------|--------|---------|--------|--------|--------|-------|--|-------|--------|--------|--------|--------|--------|---------|
| 1 000 t | | | | | | | | | | | | | | | | | |
| 1. ROHÖLFÖRDERUNG | 1. CRUDE OIL PRODUCTION | | | | | | | | | 1. PRODUCTION DE PETROLE BRUT | | | | | | | |
| 2000 | 157 281 | 12 711 | - | 17 805 | 3 147 | 279 | 227 | 1 846 | - | 4 122 | - | 2 351 | 1 018 | - | - | - | 126 486 |
| 2001 | 146 996 | 12 198 | - | 17 099 | 3 281 | 191 | 338 | 1 685 | - | 3 420 | - | 2 263 | 1 020 | - | - | - | 117 699 |
| 2001/2000% | -6.5 | -4.0 | | -4.0 | 4.3 | -31.5 | 48.9 | -8.7 | | -17.0 | | -3.7 | 0.2 | | | | -6.9 |
| 2. ROHÖL-EINFUHREN (1) | 2. TOTAL IMPORTS OF CRUDE OIL (1) | | | | | | | | | 2. IMPORTATIONS TOTALES DE PETROLE BRUT (1) | | | | | | | |
| 2000 | 566 118 | 471 234 | 37 363 | 5 621 | 103 685 | 20 383 | 58 782 | 85 159 | 3 256 | 90 410 | - | 60 551 | 7 783 | 12 682 | 11 563 | 21 133 | 47 747 |
| 2001 | 566 755 | 491 682 | 35 496 | 4 427 | 105 172 | 20 081 | 57 833 | 85 079 | 3 273 | 91 073 | - | 60 806 | 8 365 | 13 261 | 11 243 | 20 108 | 50 538 |
| 2001/2000% | 0.1 | 4.3 | -5.0 | -21.2 | 1.4 | -1.5 | -1.6 | -0.1 | 0.5 | 0.7 | | 0.4 | 7.5 | 4.6 | -2.8 | -4.9 | 5.8 |
| darunter : | among which : | | | | | | | | | dont : | | | | | | | |
| 3. Extra-EU Einfuhren | 3. Extra-EU imports | | | | | | | | | 3. Extra-EU importations | | | | | | | |
| 2000 | 501 497 | 416 339 | 29 048 | 5 619 | 89 622 | 20 383 | 56 244 | 74 569 | 3 014 | 89 506 | - | 47 386 | 7 599 | 11 695 | 7 656 | 15 452 | 43 704 |
| 2001 | 499 717 | 432 678 | 27 171 | 4 419 | 88 534 | 20 049 | 55 704 | 72 784 | 334 | 90 370 | - | 48 980 | 8 115 | 12 763 | 7 874 | 15 696 | 46 924 |
| 2001/2000% | -0.4 | 3.9 | -6.5 | -21.4 | -1.2 | -1.6 | -1.0 | -2.4 | -88.9 | 1.0 | | 3.4 | 6.8 | 9.1 | 2.8 | 1.6 | 7.4 |
| 4. GESAMTAUSFUHREN VON ROHÖL | 4. TOTAL EXPORTS OF CRUDE OIL | | | | | | | | | 4. EXPORTATIONS DE PETROLE BRUT | | | | | | | |
| 2000 | 115 768 | 9 156 | 3 453 | 13 744 | 3 218 | - | - | 1 767 | 14 | 521 | - | 183 | - | - | - | 556 | 92 312 |
| 2001 | 104 031 | 5 204 | 2 261 | 12 007 | 945 | - | - | 985 | - | 659 | - | 354 | - | - | - | 561 | 86 259 |
| 2001/2000% | -10.1 | -43.2 | -34.5 | -12.6 | -70.6 | | | -44.3 | | 26.5 | | 93.4 | | | | 0.9 | -6.6 |
| 5. GESAMTEINFUHREN VON MINERALÖLZERZEUGNISSEN | 5. TOTAL IMPORTS OF PETROLEUM PRODUCTS | | | | | | | | | 5. IMPORTATIONS TOTALES DE PRODUITS PETROLIERS | | | | | | | |
| 2000 | 212 508 | 184 720 | 14 425 | 5 132 | 41 820 | 3 255 | 19 557 | 26 447 | 5 184 | 17 800 | 2 297 | 44 676 | 4 257 | 4 666 | 3 591 | 5 604 | 13 797 |
| 2001 | 219 385 | 191 478 | 15 483 | 5 021 | 43 019 | 3 397 | 21 194 | 25 467 | 5 214 | 15 739 | 2 370 | 46 938 | 4 444 | 4 403 | 3 810 | 5 923 | 16 963 |
| 2001/2000% | 3.2 | 3.7 | 7.3 | -2.2 | 2.9 | 4.4 | 8.4 | -3.7 | 0.6 | -11.6 | 3.2 | 5.1 | 4.4 | -5.6 | 6.1 | 5.7 | 23.0 |
| 6. GESAMTAUSFUHREN VON MINERALÖLZERZEUGNISSEN | 6. TOTAL EXPORTS OF PETROLEUM PRODUCTS | | | | | | | | | 6. EXPORTATIONS TOTALES DE PRODUITS PETROLIERS | | | | | | | |
| 2000 | 195 538 | 155 928 | 19 671 | 4 508 | 18 661 | 3 944 | 7 367 | 17 907 | 1 315 | 20 658 | 15 | 63 392 | 1 305 | 1 416 | 4 221 | 10 114 | 21 044 |
| 2001 | 194 881 | 162 008 | 19 349 | 3 797 | 18 258 | 3 779 | 6 223 | 18 151 | 1 511 | 21 406 | 28 | 65 771 | 1 555 | 1 335 | 4 642 | 9 458 | 19 618 |
| 2001/2000% | -0.3 | 3.9 | -1.6 | -15.8 | -2.2 | -4.2 | -15.5 | 1.4 | 14.9 | 3.6 | 86.7 | 3.8 | 19.2 | -5.7 | 10.0 | -6.5 | -6.8 |
| 7. NETTOEINFUHREN VON MINERALÖL (2+5-4-6) | 7. NET IMPORTS OF PETROLEUM (2+5-4-6) | | | | | | | | | 7. IMPORTATIONS NETTES DE PETROLE (2+5-4-6) | | | | | | | |
| 2000 | 467 320 | 490 870 | 28 664 | -7 499 | 123 626 | 19 694 | 70 972 | 91 932 | 7 111 | 87 031 | 2 282 | 41 652 | 10 735 | 15 932 | 10 933 | 16 067 | -51 812 |
| 2001 | 487 229 | 515 948 | 29 369 | -6 356 | 128 988 | 19 699 | 72 804 | 91 410 | 6 976 | 84 747 | 2 342 | 41 619 | 11 254 | 16 329 | 10 411 | 16 012 | -38 375 |
| 2001/2000% | 4.3 | 5.1 | 2.5 | -15.2 | 4.3 | 0.0 | 2.6 | -0.6 | -1.9 | -2.6 | 2.6 | -0.1 | 4.8 | 2.5 | -4.8 | -0.3 | -25.9 |
| 8. EINSATZ IN DEN RAFFINERIEEN | 8. INPUT TO REFINERIES | | | | | | | | | 8. ENTREES EN RAFFINERIES | | | | | | | |
| 2000 | 659 961 | 518 895 | 38 372 | 8 289 | 117 032 | 22 277 | 60 372 | 89 325 | 3 275 | 96 243 | - | 81 295 | 8 844 | 12 566 | 11 571 | 22 285 | 88 215 |
| 2001 | 658 403 | 544 736 | 40 248 | 8 080 | 115 390 | 21 554 | 58 329 | 90 399 | 3 419 | 98 556 | - | 82 612 | 9 873 | 13 366 | 10 990 | 21 084 | 84 503 |
| 2001/2000% | -0.2 | 5.0 | 4.9 | -2.5 | -1.4 | -3.2 | -3.4 | 1.2 | 4.4 | 2.4 | | 1.6 | 11.6 | 6.4 | -5.0 | -5.4 | -4.2 |
| 9. INLANDSLIEFERUNGEN VON MINERALÖLZERZEUGNISSEN IN GESAMT | 9. TOTAL INLAND DELIVERIES OF PETROLEUM PRODUCTS | | | | | | | | | 9. LIVRAISONS INTERIEURES TOTALES DE PRODUITS PETROLIERS | | | | | | | |
| 2000 | 543 352 | 433 904 | 22 008 | 8 902 | 120 385 | 15 392 | 59 546 | 85 356 | 7 622 | 78 801 | 2 239 | 23 806 | 11 204 | 14 318 | 8 619 | 14 243 | 70 912 |
| 2001 | 552 254 | 459 255 | 22 180 | 9 117 | 122 518 | 15 564 | 61 845 | 87 136 | 7 830 | 79 938 | 2 371 | 24 324 | 11 811 | 14 856 | 8 882 | 12 967 | 70 915 |
| 2001/2000% | 1.6 | 5.8 | 0.8 | 2.4 | 1.8 | 1.1 | 3.9 | 2.1 | 2.7 | 1.4 | 5.9 | 2.2 | 5.4 | 3.8 | 3.1 | -9.0 | 0.0 |

(1) Einschließlich Feedstocks zur Destillation / Including feedstocks for distillation / Y compris feedstocks pour distillation

N. B. Euro-zone : EU-11 up to 31.12.2000 - EU-12 (EU-11 + Greece) from 1.1.2001

Further information:

➤ Databases

New Cronos : Theme 8, Domain: SIRENE

To obtain information or to order publications, databases and special sets of data, please contact the **Data Shop** network:

| BELGIQUE/BELGIË | DANMARK | DEUTSCHLAND | ESPAÑA | FRANCE | ITALIA – Roma |
|--|---|---|---|---|--|
| Eurostat Data Shop Bruxelles/Brussel Planistat Belgique Rue du Commerce 124 Handelsstraat 124 B-1000 BRUXELLES / BRUSSEL Tel. (32-2) 234 67 50 Fax (32-2) 234 67 51 E-mail: datashop@planistat.be URL: http://www.datashop.org/ | DANMARKS STATISTIK Bibliotek og Information Eurostat Data Shop Sejrøgade 11 DK-2100 KØBENHAVN Ø Tlf. (45) 39 17 30 30 Fax (45) 39 17 30 03 E-mail: bib@dst.dk Internet: http://www.dst.dk/bibliotek | STATISTISCHES BUNDESAMT Eurostat Data Shop Berlin Otto-Braun-Straße 70-72 (Eingang: Karl-Marx-Allee) D-10178 BERLIN Tel. (49) 1888 644 94 27/28 Fax (49) 1888-644 94 30 E-Mail: datashop@destatis.de URL: http://www.eu-datashop.de/ | INE Eurostat Data Shop Paseo de la Castellana, 183 Despacho 011B Entrada por Estébanez Calderón E-28046 MADRID Tel. (34) 91 583 91 67/91 583 95 00 Fax (34) 91 583 03 57 E-mail: datashop.eurostat@ine.es URL: http://www.datashop.org/ | INSEE Info Service Eurostat Data Shop 195, rue de Bercy Tour Gamma A F-75582 PARIS CEDEX 12 Tél. (33) 1 53 17 88 44 Fax (33) 1 53 17 88 22 E-mail: datashop@insee.fr | ISTAT Centro di Informazione Statistica Sede di Roma, Eurostat Data Shop Via Cesare Balbo, 11a I-00184 ROMA Tel. (39) 06 46 73 31 02/06 Fax (39) 06 46 73 31 01/07 E-mail: dipdiff@istat.it |
| ITALIA – Milano | LUXEMBOURG | NEDERLAND | NORGE | PORTUGAL | SCHWEIZ/SUISSE/SVIZZERA |
| ISTAT Ufficio Regionale per la Lombardia Eurostat Data Shop Via Fieno 3 I-20123 MILANO Tel. (39) 02 80 61 32 460 Fax (39) 02 80 61 32 304 E-mail: mileuro@tin.it | Eurostat Data Shop Luxembourg 46A, avenue J.F. Kennedy BP 1452 L-1014 LUXEMBOURG Tel. (352) 43 35-2251 Fax (352) 43 35-22221 E-mail: dslux@eurostat.datashop.lu URL: http://www.datashop.org/ | STATISTICS NETHERLANDS Eurostat Data Shop-Voorburg Postbus 4000 2270 JM VOORBURG Nederland Tel. (31-70) 337 49 00 Fax (31-70) 337 59 84 E-mail: datashop@cbs.nl | Statistics Norway Library and Information Centre Eurostat Data Shop Kongens gate 6 Boks 8131 Dep. N-0033 OSLO Tel. (47) 21 09 46 42/43 Fax (47) 21 09 45 04 E-mail: Datashop@ssb.no | Eurostat Data Shop Lisboa INE/Serviço de Difusão Av. António José de Almeida, 2 P-1000-043 LISBOA Tel. (351) 21 842 61 00 Fax (351) 21 842 63 64 E-mail: data.shop@ine.pt | Statistisches Amt des Kantons Zürich, Eurostat Data Shop Bleicherweg 5 CH-8090 Zürich Tel. (41) 1 225 12 12 Fax (41) 1 225 12 99 E-mail: datashop@statistik.zh.ch Internet: http://www.statistik.zh.ch |
| SUOMI/FINLAND | SVERIGE | UNITED KINGDOM | UNITED STATES OF AMERICA | | |
| STATISTICS FINLAND Eurostat Data Shop Helsinki Tilastokirjasto PL 2B FIN-00022 Tilastokeskus Työajakatu 13 B, 2.Kerros, Helsinki P. (358-9) 17 34 22 21 F. (358-9) 17 34 22 79 Sähköposti: datashop@stat.fi URL: http://www.tilastokeskus.fi/ttk/kk/datashop/ | STATISTICS SWEDEN Information service Eurostat Data Shop Karlavägen 100 - Box 24 300 S-104 51 STOCKHOLM Tfn (46-8) 50 69 48 01 Fax (46-8) 50 69 48 99 E-post: infoservice@scb.se Internet: http://www.scb.se/info/datashop/eudatashop.asp | Eurostat Data Shop Office for National Statistics Room 1.015 Cardiff Road Newport South Wales NP10 8XG United Kingdom Tel. (44-1633) 81 33 69 Fax (44-1633) 81 33 33 E-mail: eurostat.datashop@ons.gov.uk | HAVER ANALYTICS Eurostat Data Shop 60 East 42nd Street Suite 3310 NEW YORK, NY 10165 USA Tel. (1-212) 986 93 00 Fax (1-212) 986 69 81 E-mail: eurodata@haver.com | | |

Media Support Eurostat (for professional journalists only):

Bech Building Office A4/017 • L-2920 Luxembourg • Tel. (352) 4301 33408 • Fax (352) 4301 35349 • e-mail: eurostat-mediasupport@cec.eu.int

For information on methodology

Emile SIEBENALLER, Eurostat/D4, L-2920 Luxembourg, Tel. (352) 4301 32040, Fax (352) 4301 32839,

E-mail: emile.siebenaller@cec.eu.int

ORIGINAL: French

Please visit our web site at www.europa.eu.int/comm/eurostat/ for further information!

A list of worldwide sales outlets is available at the **Office for Official Publications of the European Communities**.

2 rue Mercier - L-2985 Luxembourg
 Tel. (352) 2929 42455 Fax (352) 2929 42758
 URL: <http://publications.eu.int>
 e-mail: info-info-opoce@cec.eu.int

BELGIQUE/BELGIË - DANMARK - DEUTSCHLAND - GREECE/ELLADA - ESPAÑA - FRANCE - IRELAND - ITALIA - LUXEMBOURG - NEDERLAND - ÖSTERREICH
 PORTUGAL - SUOMI/FINLAND - SVERIGE - UNITED KINGDOM - ÍSLAND - NORGE - SCHWEIZ/SUISSE/SVIZZERA - BALGARIJA - ČESKÁ REPUBLIKA - CYPRUS
 EESTI - HRVATSKA - MAGYARORSZÁG - MALTA - POLSKA - ROMÂNIA - RUSSIA - SLOVAKIA - SLOVENIA - TÜRKIYE - AUSTRALIA - CANADA - EGYPT - INDIA
 ISRAËL - JAPAN - MALAYSIA - PHILIPPINES - SOUTH KOREA - THAILAND - UNITED STATES OF AMERICA

Order form

I would like to subscribe to Statistics in focus (from 1.1.2002 to 31.12.2002):

(for the Data Shop and sales office addresses see above)

Formula 1: All 9 themes (approximately 180 issues)

Paper: EUR 360

Language required: DE EN FR

Formula 2: One or more of the following nine themes:

Theme 1 'General statistics'

Theme 6 'External trade'

Theme 7 'Transport'

Theme 9 'Science and technology'

Paper: EUR 42

Theme 2 'Economy and finance'

Theme 3 'Population and social conditions'

Theme 4 'Industry, trade and services'

Theme 5 'Agriculture and fisheries'

Theme 8 'Environment and energy'

Paper: EUR 84

Language required: DE EN FR

Statistics in focus can be downloaded (pdf file) free of charge from the Eurostat web site. You only need to register. For other solutions, contact your Data Shop.

Please send me a free copy of 'Eurostat mini-guide' (catalogue containing a selection of Eurostat products and services)

Language required: DE EN FR

I would like a free subscription to 'Statistical References', the information letter on Eurostat products and services

Language required: DE EN FR

Mr Mrs Ms

(Please use block capitals)

Surname: _____ Forename: _____

Company: _____ Department: _____

Function: _____

Address: _____

Post code: _____ Town: _____

Country: _____

Tel.: _____ Fax: _____

E-mail: _____

Payment on receipt of invoice, preferably by:

Bank transfer

Visa Eurocard

Card No: _____ Expires on: ____/____/____

Please confirm your intra-Community VAT number:

If no number is entered, VAT will be automatically applied. Subsequent reimbursement will not be possible.