

# 2024 REPSOL Group

Information on oil and gas exploration and production activities

Translation of a report originally issued in Spanish. In the event of a discrepancy, the Spanish language version prevails



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### About this report

This document contains information on the Repsol Group's oil and gas exploration and production activities. This unaudited information is published on an annual basis and is prepared in accordance with the criteria contained in Topic 932 of the *"Financial Accounting Standards Boards"* (FASB), that are generally applied in the oil and gas industry.

This information includes, in relation to the Repsol Group's oil and gas exploration and production activities:

- Information on acreage.
- · Exploration and development activities.
- · Production of oil and gas.
- Net proved reserves, which represent the estimate volume of proved developed and undeveloped reserves of oil and gas.
- Future net cash flows, which represents an estimate of standardized measure of discounted future net cash flows relating to proved oil and gas reserves, as well as the changes with respect to those presented for the previous year.
- Results of oil and gas exploration and production activities, including revenue and expenses directly associated to the oil and gas exploration and production activities.
- Investments in oil and gas exploration and production activities, both accumulated, which shows capitalized historical costs (capitalized cost), and for the period, which represent the amounts capitalized during the year, including the dismantling obligations (cost incurred).

The financial information included in this document is consistent with that stated in the Group financial statements and management report (accessible at www.repsol.com), but there might be some differences due to the fact that the information included in the current document is presented in accordance with US GAAP (Topic 932 FASB) and the Group's official financial information is presented accordingly to International Financial Reporting Standards endorsed by the European Union (IFRS-UE).

Repsol Group estimates its proved reserves according to the standards established by the "SPE/WPC/AAPG/SPEE/SEG/SPWLA/EAGE Petroleum Resources Management System", generally referred to by its acronym "SPE-PRMS (SPE-Society of Petroleum Engineers)". The information here contained refers to the last three years (2024, 2023 y 2022).

## Information on acreage

The following tables disclose details of Repsol's acreage and exploration and development activities by geographical region:

• <u>Developed and undeveloped acreage</u>: developed acreage consists of surface area that contains productive wells, while undeveloped acreage encompasses surface area that does not contain productive wells or in which these are not capable of producing hydrocarbons.

|                   |           |                    |           |                     | Develo    | ped & und | leveloped a | creage  |           |         |           |         |
|-------------------|-----------|--------------------|-----------|---------------------|-----------|-----------|-------------|---------|-----------|---------|-----------|---------|
|                   |           | 20                 | 24        |                     |           | 20        | 23          |         |           | 20      | 22        |         |
|                   | Develo    | ped <sup>(3)</sup> | Undevel   | oped <sup>(4)</sup> | Devel     | oped      | Undeve      | eloped  | Devel     | oped    | Undeve    | eloped  |
| (km²)             | Gross (1) | Net <sup>(2)</sup> | Gross (1) | Net <sup>(2)</sup>  | Gross (1) | Net (2)   | Gross (1)   | Net (2) | Gross (1) | Net (2) | Gross (1) | Net (2) |
| North America     | 923       | 759                | 9,292     | 5,071               | 1,152     | 895       | 8,718       | 4,098   | 3,180     | 2,219   | 18,415    | 7,912   |
| Canada            | -         | -                  | _         | -                   | _         | -         | _           | -       | 2,070     | 1,331   | 4,735     | 762     |
| United States     | 923       | 759                | 5,476     | 3,271               | 1,152     | 895       | 4,902       | 2,841   | 1,109     | 888     | 4,560     | 2,628   |
| Rest              | _         | _                  | 3,816     | 1,800               | _         | -         | 3,816       | 1,257   | _         | -       | 9,120     | 4,522   |
| Latin America     | 2,294     | 552                | 14,439    | 5,106               | 2,875     | 648       | 44,777      | 20,071  | 2,915     | 688     | 60,064    | 28,088  |
| Brazil            | 838       | 80                 | 2,102     | 960                 | 838       | 80        | 3,294       | 1,628   | 838       | 80      | 6,790     | 3,796   |
| Colombia          | 268       | 76                 | 4,058     | 1,480               | 268       | 76        | 32,184      | 15,495  | 268       | 77      | 39,470    | 19,429  |
| Peru              | 238       | 48                 | 1,456     | 245                 | 238       | 48        | 1,456       | 245     | 238       | 48      | 1,456     | 245     |
| Trinidad & Tobago | 126       | 38                 | 2,602     | 781                 | 152       | 45        | 2,794       | 838     | 152       | 45      | 2,794     | 838     |
| Venezuela         | 280       | 117                | 1,907     | 711                 | 806       | 192       | 2,190       | 663     | 806       | 192     | 2,185     | 661     |
| Rest              | 545       | 194                | 2,315     | 929                 | 575       | 207       | 2,860       | 1,202   | 615       | 247     | 7,370     | 3,119   |
| Africa            | 2,802     | 941                | 17,041    | 4,637               | 2,785     | 938       | 17,057      | 4,641   | 2,777     | 816     | 17,065    | 4,642   |
| Europe            | 1,575     | 872                | 1,118     | 718                 | 1,575     | 872       | 1,523       | 1,123   | 1,573     | 489     | 2,867     | 1,440   |
| Norway            | 469       | 73                 | 331       | 143                 | 469       | 73        | 331         | 143     | 469       | 73      | 1,594     | 521     |
| United Kingdom    | 1,084     | 781                | 410       | 261                 | 1,084     | 781       | 410         | 261     | 1,082     | 399     | 428       | 138     |
| Rest              | 22        | 17                 | 378       | 314                 | 22        | 17        | 783         | 719     | 22        | 17      | 844       | 780     |
| Asia & Oceania    | 2,562     | 728                | 2,062     | 1,607               | 2,562     | 728       | 2,959       | 1,966   | 2,562     | 970     | 10,531    | 6,598   |
| Indonesia         | 2,555     | 726                | 1,609     | 1,287               | 2,555     | 726       | 2,506       | 1,646   | 2,555     | 968     | 10,078    | 6,278   |
| Rest              | 7         | 2                  | 453       | 320                 | 7         | 2         | 453         | 320     | 7         | 2       | 453       | 320     |
| Total             | 10,155    | 3,853              | 43,952    | 17,140              | 10,949    | 4,081     | 75,034      | 31,898  | 13,006    | 5,183   | 108,942   | 48,680  |

<sup>(1)</sup> Gross acreage is the area in which Repsol owns an interest.

<sup>(2)</sup> Net acreage is the total of the fractional interest in the gross acreage position.

<sup>(3)</sup> Includes 268 km2 gross and 76 km2 net from blocks in Colombia and USA classified as held for sale at December 31, 2024 (see Note 18 of the 2024 Financial Statements).

<sup>(4)</sup> Includes 4,139 km2 gross and 1,497 km2 net from blocks in Colombia and USA classified as held for sale at December 31, 2024 (see Note 18 of the 2024 Financial Statements).

• <u>Acreage under development/production and exploration</u>: acreage under development consist of surface area occupied by blocks under development and/or production, while acreage under exploration is surface area occupied by assets in the exploration phase.

|                   |           |                     |           |                     | Acreage i | n develop | ment or Ex | ploration |           |         |           |         |
|-------------------|-----------|---------------------|-----------|---------------------|-----------|-----------|------------|-----------|-----------|---------|-----------|---------|
|                   |           | 20                  | 24        |                     |           | 20        | 023        |           |           | 20      | 22        |         |
|                   | Develop   | ment <sup>(3)</sup> | Explora   | tion <sup>(4)</sup> | Develo    | pment     | Exploi     | ation     | Develo    | pment   | Explo     | ration  |
| (km²)             | Gross (1) | Net <sup>(2)</sup>  | Gross (1) | Net <sup>(2)</sup>  | Gross (1) | Net (2)   | Gross (1)  | Net (2)   | Gross (1) | Net (2) | Gross (1) | Net (2) |
| North America     | 2,518     | 1,779               | 7,697     | 4,052               | 2,545     | 1,867     | 7,324      | 3,127     | 5,435     | 3,749   | 16,160    | 6,382   |
| Canada            | _         | _                   | -         | -                   | _         | -         | _          | -         | 2,901     | 1,887   | 3,904     | 206     |
| United States     | 2,518     | 1,779               | 3,880     | 2,252               | 2,545     | 1,867     | 3,508      | 1,870     | 2,534     | 1,862   | 3,136     | 1,654   |
| Rest              | _         | _                   | 3,816     | 1,800               | _         | -         | 3,816      | 1,257     | _         | -       | 9,120     | 4,522   |
| Latin America     | 12,795    | 3,552               | 3,938     | 2,106               | 13,667    | 3,646     | 33,985     | 17,073    | 14,062    | 4,046   | 48,917    | 24,731  |
| Brazil            | 1,895     | 281                 | 1,045     | 759                 | 1,691     | 250       | 2,441      | 1,457     | 1,691     | 250     | 5,937     | 3,625   |
| Colombia          | 1,432     | 209                 | 2,893     | 1,347               | 1,432     | 209       | 31,019     | 15,362    | 1,432     | 211     | 38,305    | 19,295  |
| Peru              | 1,693     | 292                 | -         | _                   | 1,693     | 292       | _          | -         | 1,693     | 292     | _         | -       |
| Trinidad & Tobago | 2,728     | 818                 | -         | _                   | 2,945     | 884       | _          | -         | 2,945     | 884     | _         | _       |
| Venezuela         | 2,187     | 828                 | -         | _                   | 2,995     | 855       | _          | -         | 2,990     | 853     | _         | -       |
| Rest              | 2,860     | 1,123               | -         | _                   | 2,910     | 1,155     | 525        | 254       | 3,310     | 1,555   | 4,675     | 1,810   |
| Africa            | 11,153    | 2,446               | 8,689     | 3,132               | 11,153    | 2,446     | 8,689      | 3,132     | 11,153    | 2,326   | 8,689     | 3,132   |
| Europe            | 2,694     | 1,590               | _         | -                   | 2,677     | 1,574     | 421        | 421       | 2,729     | 1,087   | 1,711     | 842     |
| Norway            | 800       | 217                 | -         | -                   | 800       | 217       | -          | -         | 838       | 227     | 1,225     | 368     |
| United Kingdom    | 1,494     | 1,042               | _         | _                   | 1,477     | 1,026     | 16         | 16        | 1,491     | 529     | 20        | 9       |
| Rest              | 400       | 331                 | _         | _                   | 400       | 331       | 405        | 405       | 400       | 331     | 466       | 466     |
| Asia & Oceania    | 2,478     | 806                 | 2,145     | 1,528               | 2,478     | 806       | 3,042      | 1,887     | 2,478     | 1,048   | 10,614    | 6,520   |
| Indonesia         | 2,018     | 484                 | 2,145     | 1,528               | 2,018     | 484       | 3,042      | 1,887     | 2,018     | 727     | 10,614    | 6,520   |
| Rest              | 460       | 322                 | _         | _                   | 460       | 322       | _          | -         | 460       | 322     | _         | -       |
| Total             | 31,639    | 10,173              | 22,469    | 10,819              | 32,521    | 10,339    | 53,462     | 25,640    | 35,856    | 12,256  | 86,092    | 41,607  |

<sup>(1)</sup> Gross acreage surface area is the area in which Repsol owns an interest.

<sup>(2)</sup> Net acreage is the total of the fractional interest in the gross acreage position.

<sup>(3)</sup> Includes 1,514 km2 gross and 226 km2 net from blocks in Colombia and USA classified as held for sale at December 31, 2024 (see Note 18 of the 2024 Financial Statements).

<sup>(4)</sup> Includes 2,893 km2 gross and 1,347 km2 net from blocks in Colombia and USA classified as held for sale at December 31, 2024 (see Note 18 of the 2024 Financial Statements).

## Production

The next table shows the productions in volume and the number of Repsol's productive wells by geographic area:

|                   |      | Net     | Product | ion of lic | quids ar         | ıd natur | al gas by | area    |      |       | Proc  | ductive v | wells by | area  |       |
|-------------------|------|---------|---------|------------|------------------|----------|-----------|---------|------|-------|-------|-----------|----------|-------|-------|
|                   | Liqu | uids (M | ьы)     | Natı       | ıral gas         | (bcf)    | To        | tal (Mb | ер)  |       | Oil   |           |          | Gas   |       |
|                   | 2024 | 2023    | 2022    | 2024       | 2023             | 2022     | 2024      | 2023    | 2022 | 2024  | 2023  | 2022      | 2024     | 2023  | 2022  |
| North America     | 17   | 22      | 17      | 304        | 3 <del>2</del> 4 | 250      | 71        | 79      | 62   | 1,021 | 1,132 | 974       | 886      | 860   | 1,877 |
| Canada            | _    | 1       | 4       | _          | 29               | 43       | _         | 7       | 11   | _     | _     | 57        | _        | _     | 1,182 |
| United States     | 17   | 20      | 13      | 304        | 295              | 207      | 71        | 73      | 50   | 1,021 | 1,132 | 917       | 886      | 860   | 695   |
| Latin America     | 26   | 26      | 27      | 393        | 383              | 381      | 96        | 95      | 95   | 684   | 691   | 711       | 191      | 210   | 224   |
| Brazil            | 10   | 13      | 14      | 5          | 7                | 9        | 11        | 14      | 15   | 25    | 30    | 30        | _        | _     | _     |
| Colombia          | 5    | 4       | 4       | _          | _                | _        | 5         | 4       | 4    | 450   | 467   | 484       | _        | _     | _     |
| Peru              | 5    | 5       | 4       | 85         | 78               | 70       | 20        | 19      | 17   | _     | _     | _         | 27       | 27    | 28    |
| Trinidad & Tobago | _    | _       | _       | 130        | 133              | 142      | 24        | 24      | 26   | 3     | 3     | 3         | 49       | 61    | 55    |
| Venezuela         | 4    | 3       | 3       | 117        | 112              | 104      | 24        | 23      | 21   | 174   | 153   | 117       | 18       | 25    | 30    |
| Rest              | 2    | 2       | 2       | 57         | 53               | 57       | 12        | 11      | 12   | 32    | 38    | 77        | 97       | 97    | 111   |
| Africa            | 11   | 14      | 12      | 14         | 13               | 16       | 14        | 16      | 15   | 408   | 391   | 383       | 28       | 28    | 25    |
| Europe            | 17   | 13      | 11      | 22         | 27               | 30       | 21        | 17      | 16   | 186   | 190   | 184       | 15       | 18    | 13    |
| Norway            | 6    | 6       | 4       | 16         | 22               | 25       | 9         | 10      | 9    | 35    | 39    | 33        | 13       | 16    | 11    |
| United Kingdom    | 11   | 7       | 7       | 6          | 5                | 5        | 12        | 7       | 7    | 151   | 151   | 151       | 2        | 2     | 2     |
| Asia & Oceania    | 0.2  | _       | 1       | 38         | 59               | 71       | 7         | 11      | 13   | 1     | 1     | 2         | 40       | 37    | 33    |
| Indonesia         | 0.2  | _       | _       | 38         | 59               | 70       | 7         | 11      | 13   | 1     | 1     | 2         | 40       | 37    | 33    |
| Malaysia          | _    | _       | _       | _          | _                | 1        | _         | _       | _    | _     | _     | _         | _        | _     | _     |
| Total             | 72   | 75      | 67      | 772        | 807              | 748      | 209       | 219     | 201  | 2,300 | 2,405 | 2,254     | 1,160    | 1,153 | 2,172 |

## Exploration and development activities

The following tables show Repsol's completed exploratory and developed wells by geographical region:

| Exploration | wells of | nmnleted   | and in | nrogress | (1) |
|-------------|----------|------------|--------|----------|-----|
| EXDIORATION | wells co | Jilibietea | anu m  | DIORIESS |     |

|                |      | Positive | e    | ı    | Negativ | e    | Und  | er evalu | ation | Tota | l comp | leted | In   | progre | :SS  |
|----------------|------|----------|------|------|---------|------|------|----------|-------|------|--------|-------|------|--------|------|
|                | 2024 | 2023     | 2022 | 2024 | 2023    | 2022 | 2024 | 2023     | 2022  | 2024 | 2023   | 2022  | 2024 | 2023   | 2022 |
| North America  | 1    | _        | _    | _    | 1       | 1    | _    | _        | _     | 1    | 1      | 1     | _    | _      | _    |
| United States  | _    | _        | _    | _    | 1       | 1    | _    | _        | _     | _    | 1      | 1     | _    | _      | _    |
| Rest           | 1    | _        | _    | _    | _       | _    | _    | _        | _     | 1    | _      | _     | _    | _      | _    |
| Latin America  | 1    | 3        | 2    | 1    | _       | 4    | 1    | 1        | _     | 3    | 4      | 6     | 2    | 1      | 1    |
| Colombia       | 1    | 3        | 2    | 1    | _       | 2    | 1    | 1        | _     | 3    | 4      | 4     | 1    | 1      | 1    |
| Rest           | _    | _        | _    | _    | _       | 2    | _    | _        | _     | _    | _      | 2     | 1    | _      | _    |
| Africa         | _    | _        | _    | _    | _       | _    | _    | _        | _     | _    | _      | _     | 1    | _      | _    |
| Europe         | _    | _        | _    | 1    | _       | _    | _    | _        | _     | 1    | _      | _     | _    | _      | _    |
| Norway         | _    | _        | _    | 1    | _       | _    | _    | _        | _     | 1    | _      | _     | _    | _      | _    |
| Asia & Oceania | 1    | _        | _    | _    | _       | 1    | _    | _        | _     | 1    | _      | 1     | _    | _      | _    |
| Indonesia      | 1    | _        | _    | _    | _       | 1    | _    | _        | _     | 1    | _      | 1     | _    | _      | _    |
| Total          | 3    | 3        | 2    | 2    | 1       | 6    | 1    | 1        | _     | 6    | 5      | 8     | 3    | 1      | 1    |
|                |      |          |      |      |         |      |      |          |       |      |        |       |      |        |      |

<sup>(1)</sup> Excluding appraisal wells (2 completed in 2024, 1 with negative result and 1 was in evaluation at 12/31/2024; 1 completed with positive results in 2023 and 1 was in progress as of 12/31/2023; 3 completed in 2022, 2 completed positive and 1 completed negative).

| Completed | develo | pment | wells (1 | ) |
|-----------|--------|-------|----------|---|
|-----------|--------|-------|----------|---|

|                   |      | Positive | •    | ı    | Negativ | е    | Unde | er evalu | ation |      | Total |      |
|-------------------|------|----------|------|------|---------|------|------|----------|-------|------|-------|------|
|                   | 2024 | 2023     | 2022 | 2024 | 2023    | 2022 | 2024 | 2023     | 2022  | 2024 | 2023  | 2022 |
| North America     | 83   | 115      | 78   | _    | 2       | 1    | _    | 1        | 1     | 83   | 118   | 80   |
| Canada            | _    | 1        | _    | _    | _       | _    | _    | 1        | 1     | _    | 2     | 1    |
| United States     | 83   | 114      | 78   | _    | 2       | 1    | _    | _        | _     | 83   | 116   | 79   |
| Latin America     | 24   | 19       | 24   | 2    | 1       | 4    | 1    | _        | 1     | 27   | 20    | 29   |
| Brazil            | _    | _        | _    | _    | _       | _    | 1    | _        | _     | 1    | _     | _    |
| Colombia          | 18   | 13       | 18   | 2    | 1       | 4    | _    | _        | _     | 20   | 14    | 22   |
| Trinidad & Tobago | 4    | _        | _    | _    | _       | _    | _    | _        | _     | 4    | _     | _    |
| Rest              | 2    | 6        | 6    | _    | _       | _    | _    | _        | 1     | 2    | 6     | 7    |
| Africa            | 16   | 19       | 14   | 1    | _       | _    | 2    | _        | _     | 19   | 19    | 14   |
| Europe            | 3    | 7        | 11   | 1    | 1       | 1    | _    | 2        | 2     | 4    | 10    | 14   |
| Norway            | 3    | 7        | 7    | 1    | _       | _    | _    | 1        | 2     | 4    | 8     | 9    |
| United Kingdom    | _    | _        | 4    | _    | 1       | 1    | _    | 1        | _     | _    | 2     | 5    |
| Asia & Oceania    | 13   |          | 1    | 1    | _       | _    | _    | _        | _     | 14   | _     | 1    |
| Indonesia         | 13   | _        | 1    | 1    | _       | _    | _    | _        | _     | 14   | _     | 1    |
| Total             | 139  | 160      | 128  | 5    | 4       | 6    | 3    | 3        | 4     | 147  | 167   | 138  |

<sup>(1)</sup> Excluding pilot wells for development concept.

### Net proved oil and gas reserves

The tables below reflect the net developed and undeveloped proved reserves of crude oil, condensates, natural gas liquids and natural gas, including the volume of reserves equivalent to the financial income obtained under certain productionsharing contracts and service contracts in force as of December 31, 2024, 2023, 2022 and 2021, and the variations therein.

Repsol applies the criteria established by the Society of Petroleum Engineers' Petroleum Resource Management System (SPE/WPC/AAPG/SPEE/SEG/SPWLA/EAGE) to estimate its proved and unproved reserves of oil and gas. See Note 3.5.1 "Calculating the recoverable amount of the assets" of the 2024 Consolidated Financial Statements.

In accordance with these rules, proved oil and gas reserves are those quantities of crude oil, condensates, natural gas liquids and natural gas, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be commercially recoverable –from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations– prior to the time at which contracts providing the right to operate expire, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced or the operator must be reasonable certain that it will commence the project within a reasonable time

In determining net reserves, we exclude from our reported reserves royalties due to others, whether payable in cash or in kind, where the royalty owner has a direct interest in the underlying production and is able to make lifting and sales arrangements independently. By contrast, to the extent that royalty payments required to be made to a third party, whether payable in cash or in kind, are a financial obligation, or are substantially equivalent to a production or severance tax, the related reserves are not excluded from our reported reserves despite the fact that such payments are referred to as "royalties" under local rules. Repsol follow the same methodology in reporting our production amounts.

All of Repsol's oil and gas reserves have been estimated by the company's petroleum engineers.

To control the quality of reserves booked, Repsol has established a process that is integrated into Repsol's internal control system. The process to manage reserves booking is centrally controlled by the Reserve Control Direction which is independent from the upstream activities and it is overseen by the Audit and Control Committee of the Repsol's Board. Furthermore, the volumes booked are submitted to third party engineers for a reserves audit on a periodic basis (at least 95% of the reserves are externally audited on a three years cycle).

For those areas submitted to third party audit, Repsol's proved reserves figures have to be within 7% of the third party reserves audit figures for Repsol to declare that the reserves information meets the third party reserves audit standards. In the event that the difference is greater than 7% tolerance, Repsol reestimates it's proved reserves to achieve this tolerance level or discloses the third party reserves audit figures. In 2024, Repsol commissioned an external audit for various areas of South America, North America, Europe, North Africa and Asia.

## Estimates of developed and undeveloped proved reserves of crude oil, condensate and natural gas liquids:

| Millions of barrels                     | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|---|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| Fully-consolidated entities             |       |                  |      |           |                    |        |        |                   |
| Reserves at December 31st, 2021 (1) (2) | 414   | 151              | 72   | _         | 49                 | 105    | 27     | 10                |
| Revisions of previous estimates         | 19    | 9                | (4)  | _         | 11                 | 6      | (3)    | _                 |
| Improved recovery                       | 10    | _                | _    | _         | 10                 | _      | -      | -                 |
| Extensions and discoveries              | 122   | 122              | _    | _         | _                  | _      | _      | _                 |
| Purchases of minerals in place          | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Sales of minerals in place              | (27)  | _                | _    | _         | (18)               | _      | _      | (9)               |
| Production (1)                          | (42)  | (13)             | (4)  |           | (7)                | (12)   | (4)    | (1)               |
| Reserves at December 31st, 2022 (1)     | 496   | 269              | 63   | _         | 45                 | 99     | 19     | 1                 |
| Revisions of previous estimates         | 19    | (13)             | 1    | _         | 4                  | 18     | 9      | _                 |
| Improved recovery                       | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Extensions and discoveries              | (15)  | (15)             | _    | _         | 1                  | _      | _      | _                 |
| Purchases of minerals in place          | 45    | 7                | _    | _         | _                  | _      | 38     | _                 |
| Sales of minerals in place              | (6)   | _                | _    | _         | (6)                | _      | _      | _                 |
| Production (1)                          | (57)  | (20)             | (5)  |           | (5)                | (14)   | (13)   |                   |
| Reserves at December 31st, 2023 (1) (3) | 482   | 227              | 59   | _         | 39                 | 103    | 53     | 1                 |
| Revisions of previous estimates         | 26    | (1)              | (3)  | _         | (1)                | 2      | 29     | _                 |
| Improved recovery                       | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Extensions and discoveries              | 22    | 22               | _    | _         | _                  | _      | _      | _                 |
| Purchases of minerals in place (3)      | 3     | 3                | -    | _         | _                  | _      | _      | _                 |
| Sales of minerals in place              | (10)  | (10)             | _    | _         | _                  | _      | _      | _                 |
| Production (1)                          | (55)  | (17)             | (5)  |           | (4)                | (11)   | (17)   |                   |
| Reserves at December 31st, 2024 (1)(2)  | 468   | 224              | 51   |           | 34                 | 94     | 65     | 1                 |

| Millions of barrels                         | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|---|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| Equity-accounted investees                  |       |                  |      |           |                    |        |        |                   |
| Reserves at December 31st, 2021 (1) (2)     | 155   | _                | _    | 25        | 101                | _      | 30     | _                 |
| Revisions of previous estimates             | 8     | _                | _    | 2         | 7                  | _      | (1)    | _                 |
| Improved recovery                           | _     | -                | -    | -         | -                  | -      | _      | -                 |
| Extensions and discoveries                  | _     | -                | -    | -         | -                  | -      | _      | -                 |
| Purchases of minerals in place              | _     | _                | -    | -         | _                  | _      | _      | -                 |
| Sales of minerals in place                  | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Production <sup>(1)</sup>                   | (25)  | _                | -    | (3)       | (16)               | _      | (7)    |                   |
| Reserves at December 31st, 2022 (1)         | 138   | _                | _    | 24        | 92                 | -      | 22     | -                 |
| Revisions of previous estimates             | _     | _                | _    | 1         | (1)                | _      | _      | _                 |
| Improved recovery                           | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Extensions and discoveries                  | 76    | _                | _    | _         | 76                 | _      | _      | _                 |
| Purchases of minerals in place              | _     | -                | -    | -         | -                  | -      | _      | -                 |
| Sales of minerals in place                  | (22)  | -                | -    | -         | -                  | -      | (22)   | -                 |
| Production <sup>(1)</sup>                   | (18)  |                  | _    | (3)       | (15)               | _      |        |                   |
| Reserves at December 31st, 2023 (1) (3)     | 174   | _                | _    | 22        | 152                | _      | -      | -                 |
| Revisions of previous estimates             | (1)   | -                | -    | -         | (1)                | -      | _      | -                 |
| Improved recovery                           | _     | -                | -    | -         | -                  | -      | _      | -                 |
| Extensions and discoveries                  | _     | -                | -    | -         | -                  | -      | _      | -                 |
| Purchases of minerals in place              | 13    | -                | -    | 13        | -                  | -      | _      | -                 |
| Sales of minerals in place (3)              | _     | _                | -    | -         | _                  | _      | _      | -                 |
| Production <sup>(1)</sup>                   | (17)  |                  | -    | (4)       | (13)               | _      |        |                   |
| Reserves at December 31st, 2024 (1) (2)     | 169   | _                | -    | 31        | 137                | -      | _      | _                 |
| Total fully-consolidated & equity-accounted | 636   | 224              | 51   | 31        | 171                | 94     | 65     | 1                 |

#### Estimates of developed proved reserves of crude oil, condensate and natural gas liquids:

| Millions of barrels         | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|-----------------------------|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| At December 31st, 2021      | 353   | 47               | 52   | 24        | 131                | 67     | 24     | 8                 |
| Fully-consolidated entities | 212   | 47               | 52   | -         | 34                 | 67     | 4      | 8                 |
| Equity-accounted investees  | 141   | -                | -    | 24        | 97                 | -      | 20     | -                 |
| At December 31st, 2022      | 322   | 53               | 46   | 23        | 104                | 62     | 32     | 1                 |
| Fully-consolidated entities | 191   | 53               | 46   | -         | 16                 | 62     | 12     | 1                 |
| Equity-accounted investees  | 131   | _                | -    | 23        | 88                 | _      | 20     | _                 |
| At December 31st, 2023      | 320   | 56               | 37   | 21        | 86                 | 68     | 51     | 1                 |
| Fully-consolidated entities | 224   | 56               | 37   | -         | 11                 | 68     | 51     | 1                 |
| Equity-accounted investees  | 96    | -                | -    | 21        | 75                 | _      | _      | -                 |
| At December 31st, 2024      | 300   | 44               | 33   | 26        | 70                 | 68     | 59     | 1                 |
| Fully-consolidated entities | 213   | 44               | 33   | -         | 9                  | 68     | 59     | 1                 |
| Equity-accounted investees  | 87    | -                | -    | 26        | 61                 | _      | _      | -                 |

Note: The aggregated changes in reserves and total reserves at December 31 may differ from the individual values shown because the calculations use more precise figures than those shown in the table.

- (1) Total net proved developed and undeveloped reserves at December 31, 2024, 2023, 2022 and 2021 include an estimated volume of approximately 32, 35, 27 and 30 million barrels of oil equivalent, respectively, corresponding to royalty payments which, as described above, constitute a financial obligation or are substantially equivalent to a production or equivalent tax. Net production 2024, 2023 and 2022 includes an estimated volume of 3, 3 and 3 million barrels of oil equivalent, respectively, in connection with such payments.
- (2) Total net proved reserves at December 31, 2021 and 2024 include a volume of 10 and 41 million barrels of oil equivalent corresponding to assets classified as held for sale under IFRS-UE.
- (3) In October 2023, the remaining 49% of the company RRUK was acquired, the company's reserves are presented in fully-consolidated entities at the closing of 2023.

### Estimates of developed and undeveloped proved reserves of natural gas:

|  | Total   | United<br>States  | Peru  | Venezuela   | Rest of<br>America                              | Africa   | Europe  | Asia &<br>Oceania           |
|--|---|---|-------|---|---|--|---|-----------------------------|
| Fully-consolidated entities  |   |   |       |   |   |  |   |                             |
| Reserves at December 31st, 2021 (1) (2)  | 5,206   | 2,938   | 1,411 | 18  | 356   | 106  | 58  | 318                         |
| Revisions of previous estimates  | 8   | 67  | (104) | 1   | 31  | (1)  | 25  | (10)                        |
| Improved recovery  | _   | _   | _     | _   | _   | _  | _   | _                           |
| Extensions and discoveries   | (5)   | (5)   | _     | _   | _   | _  | _   | _                           |
| Purchases of minerals in place   | 378   | 378   | _     | _   | _   | _  | _   | _                           |
| Sales of minerals in place   | (66)  | _   | _     | _   | (23)  | _  | _   | (43)                        |
| Production (1)   | (468)   | (207)   | (70)  | (3)   | (75)  | (16)   | (25)  | (71)                        |
| Reserves at December 31st, 2022 (1)  | 5,053   | 3,170   | 1,237 | 16  | 289   | 89   | 58  | 194                         |
| Revisions of previous estimates  | 231   | 156   | 12    | (10)  | 26  | 10   | _   | 37                          |
| Improved recovery  | _   | _   | _     | _   | _   | _  | _   | _                           |
| Extensions and discoveries   | (39)  | (58)  | _     | _   | 19  | _  | _   | _                           |
| Purchases of minerals in place   | 55  | 10  | _     | _   | _   | 22   | 24  | _                           |
| Sales of minerals in place   | (126)   | _   | _     | _   | (126)   | _  | _   | _                           |
| Production (1)   | (535)   | (295)   | (78)  | (3)   | (59)  | (13)   | (27)  | (59)                        |
| Reserves at December 31st, 2023 (1) (3)  | 4,639   | 2,982   | 1,170 | 3   | 149   | 108  | 55  | 172                         |
| Revisions of previous estimates  | (29)  | _,,,  | (42)  | _   | 6   | (24)   | 22  | 9                           |
| Improved recovery  | (-5)  | _   | (4-)  | _   | _   | (-4)   | _   | _                           |
| Extensions and discoveries   | 306   | 306   | _     | _   | _   | _  | _   | _                           |
| Purchases of minerals in place (3)   | 21  | 21  | _     | _   | _   | _  | _   | _                           |
| Sales of minerals in place   | (33)  | (31)  | _     | (2)   | _   | _  | _   | _                           |
| Production (1)   | (496)   | (304)   | (85)  | (1)   | (32)  | (14)   | (22)  | (38)                        |
| Reserves at December 31st, 2024 (1)(2)   | 4,408   | 2,973   | 1,044 |   | 123   | 70   | 54  | 144                         |
| Thousand Millions of Standard Cubic Feet   | Total   | United  | Peru  | Venezuela   | Rest of   | Africa   | Europe  | Asia &                      |
|  |   |   |       |   |   |  |   |                             |
| Faulty assembled investors   |   | States  |       |   | America   |  |   | Oceania                     |
| Equity-accounted investees   |   | States  |       |   |   |  |   | Oceania                     |
| Reserves at December 31st, 2021 (1) (2)  | 2,351   | States _  |       | 1,489   | 849   |  | 13  | Oceania<br>–                |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates  |   | States  |       | <b>1,489</b>  |   | -<br>-   | <u>.</u>                                      | Oceania<br>-<br>-           |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery  | 2,351   | States  | _     |   | 849   | -<br>-<br>-  | 13  | Oceania<br>_<br>_<br>_<br>_ |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries   | 2,351   | States -  | _     | 65  | <b>849</b> (40)                                 | -<br>-<br>-<br>-   | 13  | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place  | 2,351   | -   -   -   -     -     -     -       -   | _     | 65  | <b>849</b> (40)                                 | -<br>-<br>-<br>-<br>-  | 13  | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place   | <b>2,351</b> 30                                     | -   -   -   -   -   -       -     -     -     -       -       -       -       -         -       -   | _     | 65  | <b>849</b><br>(40)<br>-<br>-<br>-<br>-          | -<br>-<br>-<br>-<br>-  | 13  | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place  | 2,351   | -   -   -   -   -   -     -     -     -     -     -     -     -     -     -     -     -     -     -       -       -       -     -       -       -       -       -       -       -       -       -       -       -         -         -   | _     | 65  | <b>849</b> (40)                                 | -<br>-<br>-<br>-<br>-  | 13  | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1) Reserves at December 31st, 2022 (1)  | <b>2,351</b> 30                                     | -   -   -   -   -   -       -       -       -       -         -         -         - | _     | 65<br>-<br>-<br>-   | <b>849</b><br>(40)<br>-<br>-<br>-<br>-          | -<br>-<br>-<br>-<br>-<br>-   | 13<br>5<br>-<br>-<br>-                        | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates   | 2,351<br>30<br>-<br>-<br>-<br>-<br>(280)            | -   -   -   -   -   -   -   -   -   -   | _     | 65<br>-<br>-<br>-<br>-<br>(100)                                       | <b>849</b> (40)  -  -  -  (175)                 | -<br>-<br>-<br>-<br>-<br>-<br>-                                    | 13<br>5<br>-<br>-<br>-<br>-<br>(5)            | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery   | 2,351<br>30<br>-<br>-<br>-<br>-<br>(280)<br>2,102   | -   -   -   -   -   -   -   -   -   -   | _     | 65<br>-<br>-<br>-<br>(100)  | 849<br>(4°)<br>-<br>-<br>-<br>-<br>(175)<br>634 | -<br>-<br>-<br>-<br>-<br>-<br>-                                    | 13<br>5<br>-<br>-<br>-<br>-<br>(5)            |                             |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates   | 2,351<br>30<br>-<br>-<br>-<br>(280)<br>2,102<br>(3) | -   -   -   -   -   -   -   -   -   -   | _     | 65<br>-<br>-<br>-<br>(100)  | 849<br>(4°)<br>-<br>-<br>-<br>-<br>(175)<br>634 | -<br>-<br>-<br>-<br>-<br>-<br>-                                    | 13<br>5<br>-<br>-<br>-<br>-<br>(5)            |                             |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery   | 2,351<br>30<br>-<br>-<br>(280)<br>2,102<br>(3)      | -   -   -   -   -   -   -   -   -   -   | _     | 65<br>-<br>-<br>-<br>(100)  | 849 (40) (175) 634 (4)                          | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-                               | 13<br>5<br>-<br>-<br>-<br>-<br>(5)            | -                           |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place  | 2,351<br>30<br>-<br>-<br>(280)<br>2,102<br>(3)      | -   -   -   -   -   -   -   -   -   -   | _     | 65<br>-<br>-<br>-<br>(100)  | 849 (40) (175) 634 (4)                          | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                          | 13<br>5<br>-<br>-<br>-<br>-<br>(5)            | -                           |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place   | 2,351 30 (280) 2,102 (3) - 201                      | -   -   -   -   -   -   -   -   -   -   | _     | 65<br>-<br>-<br>-<br>(100)  | 849 (40) (175) 634 (4)                          | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                          | 13<br>5<br>-<br>-<br>(5)<br>14<br>-<br>-<br>- | Cceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place  | 2,351 30 (280) 2,102 (3) - 201 - (14)               | -   -   -   -   -   -   -   -   -   -   | _     | 65<br>-<br>-<br>(100)<br>1,454<br>1<br>-<br>-                         | 849 (40) (175) 634 (4) - 201                    | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                          | 13<br>5<br>-<br>-<br>(5)<br>14<br>-<br>-<br>- | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)   | 2,351 30 (280) 2,102 (3) - 201 - (14) (272)         | -   -   -   -   -   -   -   -   -   -   | _     | 65<br>-<br>-<br>(100)<br>1,454<br>1<br>-<br>-<br>-<br>(109)           | 849 (40) (175) 634 (4) - 201 - (163)            | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                          | 13<br>5<br>-<br>-<br>(5)<br>14<br>-<br>-<br>- | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2023 (1) (3)  | 2,351 30 (280) 2,102 (3) - 201 - (14) (272) 2,014   | States  | _     | 65<br>-<br>-<br>(100)<br>1,454<br>1<br>-<br>-<br>(109)                | 849 (40)  (175)  634 (4)  - 201  - (163)        | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                     | 13<br>5<br>-<br>-<br>(5)<br>14<br>-<br>-<br>- | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2023 (1) (3) Revisions of previous estimates  | 2,351 30 (280) 2,102 (3) - 201 - (14) (272) 2,014   | States  | _     | 65<br>-<br>-<br>(100)<br>1,454<br>1<br>-<br>-<br>(109)                | 849 (40)  (175)  634 (4)  - 201  - (163)        | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                     | 13<br>5<br>-<br>-<br>(5)<br>14<br>-<br>-<br>- |                             |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2023 (1) (3) Revisions of previous estimates Improved recovery   | 2,351 30 (280) 2,102 (3) - (14) (272) 2,014 95 -    | States  | _     | 65<br>-<br>-<br>(100)<br>1,454<br>1<br>-<br>-<br>(109)                | 849 (40)  (175)  634 (4)  - (163)  668 65       | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-           | 13<br>5<br>-<br>-<br>(5)<br>14<br>-<br>-<br>- |                             |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2023 (1) (3) Revisions of previous estimates Improved recovery Extensions and discoveries Improved recovery Extensions and discoveries                                | 2,351 30 (280) 2,102 (3) - (14) (272) 2,014 95 -    | States  | _     | 65<br>-<br>-<br>(100)<br>1,454<br>1<br>-<br>-<br>(109)                | 849 (40)  (175)  634 (4)  - (163)  668 65       | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-      | 13<br>5<br>-<br>-<br>(5)<br>14<br>-<br>-<br>- | Oceania                     |
| Reserves at December 31st, 2021 (1) (2) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2022 (1) Revisions of previous estimates Improved recovery Extensions and discoveries Purchases of minerals in place Sales of minerals in place Production (1)  Reserves at December 31st, 2023 (1) (8) Revisions of previous estimates Improved recovery Extensions and discoveries Improved recovery Extensions and discoveries Purchases of minerals in place | 2,351 30 (280) 2,102 (3) - (14) (272) 2,014 95 - 8  | States  | _     | 65<br>-<br>(100)<br>1,454<br>1<br>-<br>(109)<br>1,346<br>29<br>-<br>- | 849 (40) (175) 634 (4) 201 (163) 668 65 8       | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | 13<br>5<br>-<br>-<br>(5)<br>14<br>-<br>-<br>- | Oceania                     |

Total fully-consolidated & equity-accounted entities

2,973

1,044

1,259

6,238

144

694

70

#### Estimates of developed proved reserves of natural gas:

| Thousand Millions of Standard Cubic Feet | Total | United<br>States | Peru  | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|--|-------|------------------|-------|-----------|--------------------|--------|--------|-------------------|
| At December 31st, 2021                   | 4,684 | 1,082            | 1,000 | 1,348     | 844                | 60     | 67     | 282               |
| Fully-consolidated entities              | 2,837 | 1,082            | 1,000 | 18        | 340                | 60     | 54     | 282               |
| Equity-accounted investees               | 1,847 | -                | -     | 1,330     | 504                | -      | 13     | -                 |
| At December 31st, 2022                   | 4,402 | 1,249            | 884   | 1,377     | 604                | 51     | 65     | 172               |
| Fully-consolidated entities              | 2,708 | 1,249            | 884   | 16        | 284                | 51     | 52     | 172               |
| Equity-accounted investees               | 1,694 | -                | -     | 1,361     | 320                | -      | 13     | -                 |
| At December 31st, 2023                   | 4,364 | 1,705            | 694   | 1,235     | 475                | 64     | 51     | 139               |
| Fully-consolidated entities              | 2,803 | 1,705            | 694   | 3         | 147                | 64     | 51     | 139               |
| Equity-accounted investees               | 1,561 | _                | -     | 1,232     | 328                | _      | _      | -                 |
| At December 31st, 2024                   | 4,159 | 1,859            | 639   | 1,151     | 286                | 47     | 52     | 125               |
| Fully-consolidated entities              | 2,842 | 1,859            | 639   | -         | 120                | 47     | 52     | 125               |
| Equity-accounted investees               | 1,317 | -                | _     | 1,151     | 166                | _      | -      | -                 |

Notes: The aggregated changes in reserves and total reserves at December 31 may differ from the individual values shown because the calculations use more precise figures than those shown in the table.

- (1) Total net proved developed and undeveloped reserves at December 31, 2024, 2023, 2022 and 2021 include an estimated volume of approximately 559, 616, 657 and 717 billion cubic feet of gas, respectively, corresponding to royalty payments which, as described above, constitute a financial obligation or are substantially equivalent to a production or equivalent tax. Net production in 2024, 2023 and 2022 includes an estimated volume of 58, 58 and 56 billion cubic feet of gas, respectively, in connection with such payments.
- (2) Total net proved reserves at December 31, 2021 and 2024 include a volume of 44 and 2 billion cubic feet of gas corresponding to assets classified as held for sale under IFRS-UE.
- (3) In October 2023, the remaining 49% of the company RRUK was acquired, the company's reserves are presented in fully-consolidated entities at the closing of 2023.

## Estimates of developed and undeveloped proved reserves of crude oil, condensate, natural gas liquids and natural gas:

| Millions of Barrels of Oil Equivalent   | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|---|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| Fully-consolidated entities             |       |                  |      |           |                    |        |        |                   |
| Reserves at December 31st, 2021 (1) (2) | 1,341 | 674              | 324  | 3         | 112                | 124    | 37     | 67                |
| Revisions of previous estimates         | 20    | 20               | (23) | -         | 17                 | 6      | 1      | (2)               |
| Improved recovery                       | 10    | _                | -    | -         | 10                 | _      | _      | -                 |
| Extensions and discoveries              | 121   | 121              | _    | _         | _                  | _      | _      | _                 |
| Purchases of minerals in place          | 67    | 67               | _    | _         | _                  | _      | _      | _                 |
| Sales of minerals in place              | (39)  | _                | -    | _         | (22)               | _      | _      | (17)              |
| Production (1)                          | (125) | (50)             | (17) | (1)       | (21)               | (15)   | (9)    | (13)              |
| Reserves at December 31st, 2022 (1)     | 1,396 | 833              | 284  | 3         | 97                 | 115    | 29     | 36                |
| Revisions of previous estimates         | 59    | 15               | 3    | (2)       | 9                  | 20     | 9      | 7                 |
| Improved recovery                       | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Extensions and discoveries              | (22)  | (26)             | _    | _         | 4                  | _      | _      | _                 |
| Purchases of minerals in place          | 55    | 9                | _    | _         | _                  | 4      | 43     | _                 |
| Sales of minerals in place              | (28)  | _                | _    | _         | (28)               | _      | _      | _                 |
| Production <sup>(1)</sup>               | (152) | (73)             | (19) |           | (16)               | (16)   | (17)   | (11)              |
| Reserves at December 31st, 2023 (1) (3) | 1,308 | 758              | 268  | _         | 65                 | 122    | 63     | 32                |
| Revisions of previous estimates         | 21    | (1)              | (11) | _         | _                  | (2)    | 33     | 2                 |
| Improved recovery                       | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Extensions and discoveries              | 76    | 76               | _    | _         | _                  | _      | _      | _                 |
| Purchases of minerals in place (3)      | 6     | 6                | _    | _         | _                  | _      | _      | _                 |
| Sales of minerals in place              | (16)  | (15)             | _    | _         | _                  | _      | _      | _                 |
| Production <sup>(1)</sup>               | (143) | (71)             | (20) |           | (9)                | (14)   | (21)   | (7)               |
| Reserves at December 31st, 2024 (1)(2)  | 1,253 | 753              | 237  | _         | 56                 | 106    | 75     | 26                |

| Millions of Barrels of Oil Equivalent                | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|--|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| Equity-accounted investees                           |       |                  |      |           |                    |        |        |                   |
| Reserves at December 31st, 2021 (1)(2)               | 574   | _                | _    | 290       | 252                | _      | 32     | _                 |
| Revisions of previous estimates                      | 14    | _                | _    | 13        | _                  | _      | _      | _                 |
| Improved recovery                                    | _     | _                | -    | _         | _                  | _      | _      | -                 |
| Extensions and discoveries                           | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Purchases of minerals in place                       | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Sales of minerals in place                           | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Production <sup>(1)</sup>                            | (75)  | _                | -    | (20)      | (47)               | _      | (7)    |                   |
| Reserves at December 31st, 2022 (1)                  | 513   | _                | _    | 283       | 205                | _      | 25     | _                 |
| Revisions of previous estimates                      | (1)   | _                | _    | 1         | (2)                | _      | _      | _                 |
| Improved recovery                                    | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Extensions and discoveries                           | 112   | _                | _    | _         | 112                | _      | _      | _                 |
| Purchases of minerals in place                       | _     | _                | -    | -         | -                  | _      | _      | -                 |
| Sales of minerals in place                           | (25)  | _                | _    | _         | _                  | _      | (25)   | _                 |
| Production (1)                                       | (66)  |                  | -    | (22)      | (44)               |        |        |                   |
| Reserves at December 31st, 2023 (1)(3)               | 533   | _                | _    | 262       | 271                | _      | -      | _                 |
| Revisions of previous estimates                      | 16    | -                | -    | 5         | 10                 | -      | -      | -                 |
| Improved recovery                                    | -     | -                | -    | -         | -                  | -      | -      | -                 |
| Extensions and discoveries                           | 2     | -                | -    | -         | 2                  | _      | -      | -                 |
| Purchases of minerals in place                       | 13    | _                | -    | 13        | -                  | _      | _      | -                 |
| Sales of minerals in place (3)                       | (2)   | _                | -    | -         | (2)                | _      | _      | -                 |
| Production (1)                                       | (66)  |                  | _    | (24)      | (42)               | _      |        |                   |
| Reserves at December 31st, 2024 (1)(2)               | 494   | _                | -    | 256       | 239                | _      | _      | _                 |
| Total fully-consolidated & equity-accounted entities | 1,747 | 753              | 237  | 256       | 295                | 106    | 75     | 26                |

#### Estimates of developed proved reserves of crude oil, condensate, natural gas liquids and natural gas:

| Millions of Barrels of Oil Equivalent | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|---------------------------------------|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| At December 31st, 2021                | 1,188 | 240              | 231  | 264       | 281                | 78     | 37     | 58                |
| Fully-consolidated entities           | 717   | 240              | 231  | 3         | 94                 | 78     | 14     | 58                |
| Equity-accounted investees            | 471   | -                | -    | 261       | 187                | -      | 23     | -                 |
| At December 31st, 2022                | 1,107 | 276              | 204  | 268       | 212                | 71     | 44     | 32                |
| Fully-consolidated entities           | 673   | 276              | 204  | 3         | 67                 | 71     | 21     | 32                |
| Equity-accounted investees            | 434   | -                | -    | 265       | 145                | -      | 23     | -                 |
| At December 31st, 2023                | 1,097 | 359              | 160  | 240       | 171                | 80     | 60     | 25                |
| Fully-consolidated entities           | 723   | 359              | 160  | -         | 38                 | 80     | 60     | 25                |
| Equity-accounted investees            | 374   | _                | -    | 240       | 133                | _      | _      | _                 |
| At December 31st, 2024                | 1,042 | 375              | 146  | 231       | 120                | 77     | 68     | 23                |
| Fully-consolidated entities           | 720   | 375              | 146  | _         | 30                 | 77     | 68     | 23                |
| Equity-accounted investees            | 322   | -                | -    | 231       | 90                 | _      | _      | _                 |

Notes: The aggregated changes in reserves and total reserves at December 31 may differ from the individual values shown because the calculations use more precise figures than those shown in the table.

- (1) Total net proved developed and undeveloped reserves at December 31, 2024, 2023, 2022 and 2021 include an estimated volume of approximately 132, 145, 144 and 157 million barrels of oil equivalent, respectively, corresponding to royalty payments which, as described above, constitute a financial obligation or are substantially equivalent to a production or equivalent tax. Net production in 2024, 2023 and 2022 includes an estimated volume of 13, 14 and 13 million barrels of oil equivalent, respectively, in connection with such payments.
- (2) Total net proved reserves at December 31, 2021 and 2024 include a volume of 18 and 41 million barrels of oil equivalent corresponding to assets classified as held for sale under IFRS-UE.
- (3) In October 2023, the remaining 49% of the company RRUK was acquired, the company's reserves are presented in fully-consolidated entities at the closing of 2023.

### Standardized future cash flows

## Standardized measure of discounted future net cash flows and changes therein relating to proved oil and gas reserves

Projected net cash flows were estimated in accordance with the criteria established by the "SPE/WPC/AAPG/SPEE/SEG/SPWLA/EAGE Petroleum Resources Management System, commonly referred to by its acronym, SPE-PRMS (SPE standing for the Society of Petroleum Engineers)". Oil and gas prices and other financial assumptions regarding the outlook for costs reflect the Company's best estimates for the purposes of valuing its assets (See Note 3.5.1 and 5.1 of the 2024 Consolidated Financial Statements). These assumptions are applied to estimated future production in respect of its proved oil and gas reserves as of the most recent reporting date, less estimated future development and production costs (based on current costs) in respect of these same proved reserves, all of which assuming that prevailing economic conditions are sustained.

Future production costs were estimated on based on the cost structure at the end of the year and are projected on the basis of the above-mentioned assumptions. Future development costs were calculated on the basis of technical studies conducted by Repsol and by the operators holding joint title with Repsol. The taxes projected for each of the future years were determined under the contractual and tax regime prevailing at the end of the year. The rate used to discount the future net revenues was 10%.

The present value of the future net cash flows estimated on the basis of the aforementioned assumptions is not intended to be interpreted, and should not be interpreted, as the fair value of the Group's oil and gas reserves. An estimation of the fair value of these reserves should also include the future exploitation of reserves not yet classified as proved reserves and costs and a discount rate which represents the time value of money at the calculation date and the uncertainties inherent to estimating the reserves.

The following table shows the present value of the future net revenues relating to proved oil and gas reserves, calculated on the basis of the aforementioned assumptions.

| Mill | ions | of | euros |
|------|------|----|-------|
|      |      |    |       |

| At December 31st 2022                                  | Total    | United<br>States | Peru    | Venezuela | Rest of<br>America | Africa  | Europe  | Asia &<br>Oceania |
|--|----------|------------------|---------|-----------|--------------------|---------|---------|-------------------|
| Fully-consolidated entities                            |          |                  |         |           |                    |         |         |                   |
| Future cash inflows                                    | 54,118   | 29,012           | 9,772   | 26        | 3,353              | 7,993   | 2,630   | 1,332             |
| Future production costs                                | (19,633) | (12,310)         | (3,627) | (23)      | (1,620)            | (1,004) | (679)   | (370)             |
| Future development and abandonment costs               | (10,139) | (6,868)          | (826)   | (1)       | (974)              | (508)   | (882)   | (80)              |
| Future income tax expenses                             | (8,207)  | (745)            | (1,743) | (3)       | (494)              | (4,055) | (848)   | (319)             |
| Future net cash flows after taxes                      | 16,139   | 9,089            | 3,576   | (1)       | 265                | 2,426   | 221     | 563               |
| 10% annual discount for estimated timing of cash flows | (6,285)  | (4,277)          | (1,409) | _         | 244                | (762)   | 31      | (112)             |
| Discounted future net cash flows                       | 9,854    | 4,812            | 2,167   | (1)       | 509                | 1,664   | 252     | 451               |
| Equity-accounted investees                             |          |                  |         |           |                    |         |         |                   |
| Future cash inflows                                    | 16,985   | _                | _       | 5,813     | 9,249              | _       | 1,923   | -                 |
| Future production costs                                | (7,266)  | -                | -       | (1,910)   | (4,055)            | -       | (1,301) | -                 |
| Future development and abandonment costs               | (4,422)  | -                | -       | (266)     | (1,561)            | -       | (2,595) | -                 |
| Future income tax expenses                             | (1,703)  | -                | -       | (1,410)   | (1,057)            | -       | 764     | -                 |
| Future net cash flows after taxes                      | 3,594    | -                | -       | 2,227     | 2,576              | _       | (1,209) | _                 |
| 10% annual discount for estimated timing of cash flows | (649)    | _                | _       | (932)     | (446)              | _       | 729     | _                 |
| Discounted future net cash flows                       | 2,945    | _                | -       | 1,295     | 2,130              | _       | (480)   | _                 |
| Total discounted future net cash flows                 | 12,799   | 4,812            | 2,167   | 1,294     | 2,639              | 1,664   | (228)   | 451               |

| At December 31st 2023                                  | Total    | United<br>States | Peru    | Venezuela | Rest of<br>America | Africa  | Europe  | Asia &<br>Oceania |
|--|----------|------------------|---------|-----------|--------------------|---------|---------|-------------------|
| Fully-consolidated entities                            |          |                  |         |           |                    |         |         |                   |
| Future cash inflows                                    | 50,155   | 25,826           | 7,112   | 3         | 2,749              | 8,743   | 4,607   | 1,115             |
| Future production costs                                | (19,411) | (10,765)         | (2,979) | (3)       | (1,050)            | (957)   | (3,259) | (398)             |
| Future development and abandonment costs               | (11,391) | (5,463)          | (749)   | -         | (217)              | (501)   | (4,425) | (36)              |
| Future income tax expenses                             | (5,926)  | (780)            | (1,078) | -         | (482)              | (4,516) | 1,177   | (247)             |
| Future net cash flows after taxes                      | 13,427   | 8,818            | 2,306   | _         | 1,000              | 2,769   | (1,900) | 434               |
| 10% annual discount for estimated timing of cash flows | (5,139)  | (3,807)          | (978)   | _         | (362)              | (950)   | 1,056   | (98)              |
| Discounted future net cash flows                       | 8,288    | 5,011            | 1,328   |           | 638                | 1,819   | (844)   | 336               |
| Equity-accounted investees                             |          |                  |         |           |                    |         |         |                   |
| Future cash inflows                                    | 19,277   | _                | _       | 5,320     | 13,957             | _       | -       | _                 |
| Future production costs                                | (7,717)  | _                | -       | (1,777)   | (5,940)            | -       | -       | -                 |
| Future development and abandonment costs               | (3,574)  | _                | -       | (210)     | (3,364)            | -       | -       | -                 |
| Future income tax expenses                             | (2,735)  | _                | -       | (1,317)   | (1,418)            | -       | -       | -                 |
| Future net cash flows after taxes                      | 5,251    | -                | -       | 2,016     | 3,235              | _       | _       | _                 |
| 10% annual discount for estimated timing of cash flows | (2,279)  | _                | _       | (833)     | (1,446)            | _       | _       | _                 |
| Discounted future net cash flows                       | 2,972    |                  | -       | 1,183     | 1,789              | _       |         |                   |
| Total discounted future net cash flows                 | 11,260   | 5,011            | 1,328   | 1,183     | 2,427              | 1,819   | (844)   | 336               |

|     | 1.    | _    |       |
|-----|-------|------|-------|
| MII | lions | Ot i | euros |
|     |       |      |       |

| At December 31st 2024                                  | Total    | United<br>States | Peru    | Venezuela | Rest of<br>America | Africa  | Europe  | Asia &<br>Oceania |
|--|----------|------------------|---------|-----------|--------------------|---------|---------|-------------------|
| Fully-consolidated entities                            |          |                  |         |           |                    |         |         |                   |
| Future cash inflows                                    | 50,110   | 26,839           | 6,043   | 3         | 2,556              | 7,974   | 5,700   | 995               |
| Future production costs                                | (22,695) | (12,625)         | (3,009) | (3)       | (1,032)            | (918)   | (4,676) | (432)             |
| Future development and abandonment costs               | (11,754) | (5,272)          | (655)   | (1)       | (103)              | (486)   | (5,149) | (88)              |
| Future income tax expenses                             | (5,098)  | (895)            | (718)   | (1)       | (448)              | (4,226) | 1,372   | (182)             |
| Future net cash flows after taxes                      | 10,563   | 8,047            | 1,661   | (2)       | 973                | 2,344   | (2,753) | 293               |
| 10% annual discount for estimated timing of cash flows | (3,859)  | (3,581)          | (594)   | _         | (318)              | (808)   | 1,503   | (61)              |
| Discounted future net cash flows                       | 6,704    | 4,466            | 1,067   | (2)       | 655                | 1,536   | (1,250) | 232               |
| Equity-accounted investees                             |          |                  |         |           |                    |         |         |                   |
| Future cash inflows                                    | 20,241   | -                | -       | 5,920     | 14,321             | _       | -       | -                 |
| Future production costs                                | (8,005)  | _                | -       | (2,140)   | (5,865)            | -       | _       | -                 |
| Future development and abandonment costs               | (3,184)  | _                | -       | (326)     | (2,858)            | -       | -       | -                 |
| Future income tax expenses                             | (2,938)  | -                | -       | (1,419)   | (1,519)            | -       | -       | -                 |
| Future net cash flows after taxes                      | 6,114    | -                | -       | 2,035     | 4,079              | _       | _       | -                 |
| 10% annual discount for estimated timing of cash flows | (2,906)  | _                | _       | (745)     | (2,161)            | _       | _       | _                 |
| Discounted future net cash flows                       | 3,208    |                  | -       | 1,290     | 1,918              |         |         |                   |
| Total discounted future net cash flows (1)             | 9,912    | 4,466            | 1,067   | 1,288     | 2,573              | 1,536   | (1,250) | 232               |

<sup>(1)</sup> In October 2023, the remaining 49% of the company RRUK was acquired, the company's discounted future net cash flows are presented in fully-consolidated entities at the closing of 2023.

## Changes in Standardized measure of discounted future net cash flows relating to proved oil and gas reserves

The detail of the changes in the standardized measure of discounted future net cash flows for 2022, 2023 and 2024 as follows:

| Fully-consolidated entities  Balance at December 31st, 2021  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  Net changes due to extensions, discoveries and improvements in the recovery of reserves  Net changes due to purchases/sales of assets  Net changes due to revisions in quantity estimates  Previously estimated development costs incurred in the year  Effect of discounting to a different date and exchange rate effect  Changes in income tax  Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  Net changes due to extensions, discoveries and | 7,463<br>3,686<br>(843)<br>(3,334)<br>1,126<br>154<br>534<br>1,171<br>1,085<br>(1,188) | 3,262  605 (625) (835)  913 333 122  753   | 1,278  1,565 (117) (385)  - (24) | (2)<br>-<br>1<br>-<br>2 | 203<br>(96)<br>(219)<br>213 | 1,500<br>365<br>19<br>(849) | 900<br>6<br>(675) | 745<br>50<br>(30)<br>(372)              |
|--|--|--|----------------------------------|-------------------------|-----------------------------|-----------------------------|-------------------|---|
| Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  Net changes due to extensions, discoveries and improvements in the recovery of reserves  Net changes due to purchases/sales of assets  Net changes due to revisions in quantity estimates  Previously estimated development costs incurred in the year  Effect of discounting to a different date and exchange rate effect  Changes in income tax  Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  | 3,686<br>(843)<br>(3,334)<br>1,126<br>154<br>534<br>1,171<br>1,085                     | 605<br>(625)<br>(835)<br>913<br>333<br>122 | 1,565<br>(117)<br>(385)          | (2)                     | 203<br>(96)<br>(219)        | 365<br>19<br>(849)          | 900<br>6<br>(675) | 50<br>(30)                              |
| production costs Changes in future development costs Oil and gas sales and transfers in the period Net changes due to extensions, discoveries and improvements in the recovery of reserves Net changes due to purchases/sales of assets Net changes due to revisions in quantity estimates Previously estimated development costs incurred in the year Effect of discounting to a different date and exchange rate effect Changes in income tax Net change  Balance at December 31st, 2022 Changes due to sale or transfer prices of future production costs Changes in future development costs Oil and gas sales and transfers in the period   | (843)<br>(3,334)<br>1,126<br>154<br>534<br>1,171                                       | (625)<br>(835)<br>913<br>333<br>122        | (117)<br>(385)<br>-              | -<br>1<br>-<br>-        | (96)<br>(219)<br>213        | 19<br>(849)                 | 6<br>(675)        | (30)                                    |
| Oil and gas sales and transfers in the period Net changes due to extensions, discoveries and improvements in the recovery of reserves Net changes due to purchases/sales of assets Net changes due to revisions in quantity estimates Previously estimated development costs incurred in the year Effect of discounting to a different date and exchange rate effect Changes in income tax Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs Changes in future development costs Oil and gas sales and transfers in the period   | (3,334)  1,126  154  534  1,171  1,085   | (835)<br>913<br>333<br>122                 | (385)                            | 1<br>-<br>-             | (219)                       | (849)                       | (675)             |   |
| Net changes due to extensions, discoveries and improvements in the recovery of reserves  Net changes due to purchases/sales of assets  Net changes due to revisions in quantity estimates  Previously estimated development costs incurred in the year  Effect of discounting to a different date and exchange rate effect  Changes in income tax  Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period   | 1,126<br>154<br>534<br>1,171<br>1,085  | 913<br>333<br>122                          | -<br>-                           | -<br>-                  | 213                         | ,,                          | ,                 | (372)                                   |
| improvements in the recovery of reserves  Net changes due to purchases/sales of assets  Net changes due to revisions in quantity estimates  Previously estimated development costs incurred in the year  Effect of discounting to a different date and exchange rate effect  Changes in income tax  Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  | 154<br>534<br>1,171<br>1,085   | 333  | _                                | -                       | -                           | -                           | _                 |   |
| Net changes due to revisions in quantity estimates Previously estimated development costs incurred in the year Effect of discounting to a different date and exchange rate effect Changes in income tax  Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs Changes in future development costs Oil and gas sales and transfers in the period   | 534<br>1,171<br>1,085  | 122  | -<br>(24)                        |                         | 13                          |                             |                   | _                                       |
| Previously estimated development costs incurred in the year  Effect of discounting to a different date and exchange rate effect  Changes in income tax  Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  | 1,171  |  | (24)                             | 2                       |                             | _                           | -                 | (192)                                   |
| year  Effect of discounting to a different date and exchange rate effect  Changes in income tax  Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period   | 1,085  | 753  |                                  | _                       | (82)                        | 268                         | 200               | 48                                      |
| effect Changes in income tax  Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  | -  |  | 36                               | 1                       | 94                          | 79                          | 199               | 9                                       |
| Net change  Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  | (1,188)  | 521  | 180                              | _                       | 78                          | 221                         | (4)               | 89                                      |
| Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  |  | (237)                                      | (366)                            | _                       | (221)                       | 61                          | (529)             | 104                                     |
| Balance at December 31st, 2022  Changes due to sale or transfer prices of future production costs  Changes in future development costs  Oil and gas sales and transfers in the period  | 2,391  | 1,550                                      | 889                              | 2                       | (17)                        | 164                         | 97                | (294)                                   |
| Changes due to sale or transfer prices of future production costs Changes in future development costs Oil and gas sales and transfers in the period  | 9,854  | 4,812                                      | 2,167                            | (1)                     | 509                         | 1,664                       | 252               | 451                                     |
| production costs  Changes in future development costs  Oil and gas sales and transfers in the period   |  | ,,   | , .                              | .,                      |                             |                             | •                 |   |
| Changes in future development costs Oil and gas sales and transfers in the period  | (845)  | 122  | (848)                            | (16)                    | 28                          | 321                         | (447)             | (5)                                     |
| Oil and gas sales and transfers in the period  | (128)  | (307)                                      | 9                                | (1)                     | 6                           | (4)                         | 153               | 16                                      |
|  | (4,233)  | (1,343)                                    | (695)                            | 1                       | (233)                       | (907)                       | (726)             | (330)                                   |
| improvements in the recovery of reserves   | (282)  | (279)                                      | -                                | _                       | (3)                         | -                           | _                 | -                                       |
| Net changes due to purchases/sales of assets   | (1,110)  | 62   | _                                | _                       | 157                         | 36                          | (1,365)           | _                                       |
| Net changes due to revisions in quantity estimates   | 782  | 244  | 31                               | 16                      | (48)                        | 668                         | (211)             | 82                                      |
| Previously estimated development costs incurred in the year  | 1,743  | 1,354                                      | 59                               | _                       | 132                         | 74                          | 96                | 28                                      |
| Effect of discounting to a different date and exchange rate effect   | 571  | 309  | 115                              | _                       | 37                          | 71                          | 24                | 15                                      |
| Changes in income tax  | 1,936  | 37   | 490                              | 1                       | 53                          | (104)                       | 1,380             | 79                                      |
| Net change   | (1,566)  | 199  | (839)                            | 1                       | 129                         | 155                         | (1,096)           | (115)                                   |
| Balance at December 31st, 2023   | 8,288  | 5,011                                      | 1,328                            |                         | 638                         | 1,819                       | (844)             | 336                                     |
|  | -,   | 3,1  | ,,                               |                         | .,.                         | ,- 3                        | (-11)             | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| Changes due to sale or transfer prices of future production costs  | (2,226)  | (1,421)                                    | (440)                            | _                       | (92)                        | (360)                       | 114               | (27)                                    |
| Changes in future development costs  | 418  | (209)                                      | 37                               | _                       | 5                           | (142)                       | 775               | (48)                                    |
| Oil and gas sales and transfers in the period  | (3,578)  | (1,177)                                    | (401)                            | _                       | (175)                       | (921)                       | (731)             | (173)                                   |
| Net changes due to extensions, discoveries and improvements in the recovery of reserves  | 203  | 203  | _                                | _                       | -                           | -                           | -                 | -                                       |
| Net changes due to purchases/sales of assets   | (27)   | (50)                                       | _                                | 1                       | 16                          | _                           | 6                 | _                                       |
| Net changes due to revisions in quantity estimates   | (756)  | (100)                                      | 37                               | (3)                     | 8                           | 224                         | (942)             | 20                                      |
| Previously estimated development costs incurred in the year  | 1,888  | 1,246                                      | 66                               | _                       | 98                          | 109                         | 357               | 12                                      |
| Effect of discounting to a different date and exchange rate effect   | 1,218  | 806  | 184                              | _                       | 102                         | 256                         | (170)             | 40                                      |
| Changes in income tax  | 1,276  | 157  | 256                              | _                       | 55                          | 551                         | 185               | 72                                      |
| Net change   | (1,584)  | (545)                                      | (261)                            | (2)                     | 17                          | (283)                       | (406)             | (104)                                   |
| Balance at December 31st, 2024 (1)   | 6,704  | 4,466                                      | <u> </u>                         |                         |                             |                             |                   |   |

|   |         |                  |       |           | . ,,               | •      | 0 0     | •                 |
|---|---------|------------------|-------|-----------|--------------------|--------|---------|-------------------|
| Millions of euros   | Total   | United<br>States | Peru  | Venezuela | Rest of<br>America | Africa | Europe  | Asia &<br>Oceania |
| Equity-accounted investees  |         |                  |       |           |                    |        |         |                   |
| Balance at December 31st, 2021  | 2,932   | _                | -     | 1,653     | 1,697              | -      | (418)   | -                 |
| Changes due to sale or transfer prices of future production costs                       | (324)   | _                | _     | (922)     | 435                | _      | 163     | _                 |
| Changes in future development costs   | (83)    | _                | _     | (34)      | 48                 | _      | (97)    | _                 |
| Oil and gas sales and transfers in the period   | (1,279) | _                | _     | (276)     | (791)              | _      | (212)   | _                 |
| Net changes due to extensions, discoveries and improvements in the recovery of reserves | -       | _                | _     | _         | -                  | _      | _       | _                 |
| Net changes due to purchases/sales of assets  | _       | _                | _     | _         | _                  | _      | _       | _                 |
| Net changes due to revisions in quantity estimates                                      | 908     | _                | _     | 279       | 409                | _      | 220     | _                 |
| Previously estimated development costs incurred in the year                             | 421     | _                | _     | 7         | 214                | _      | 200     | _                 |
| Effect of discounting to a different date and exchange rate effect                      | 425     | _                | _     | 270       | 238                | _      | (83)    | _                 |
| Changes in income tax   | (55)    | _                | _     | 318       | (120)              | _      | (253)   | _                 |
|   | (,      |                  |       | •         | ,                  |        | ,,      |                   |
| Net change  | 13      |                  | -     | (358)     | 433                |        | (62)    |                   |
| Balance at December 31st, 2022  | 2,945   | _                | -     | 1,295     | 2,130              | -      | (480)   | -                 |
| Changes due to sale or transfer prices of future production costs                       | (81)    | _                | -     | (35)      | (46)               | _      | _       | -                 |
| Changes in future development costs   | (164)   | -                | -     | 23        | (187)              | _      | -       | -                 |
| Oil and gas sales and transfers in the period   | (1,319) | -                | -     | (330)     | (989)              | -      | -       | -                 |
| Net changes due to extensions, discoveries and improvements in the recovery of reserves | 603     | _                | _     | _         | 603                | _      | -       | _                 |
| Net changes due to purchases/sales of assets  | 475     | -                | -     | -         | _                  | _      | 475     | -                 |
| Net changes due to revisions in quantity estimates                                      | (1)     | -                | -     | 69        | (70)               | -      | -       | -                 |
| Previously estimated development costs incurred in the year                             | 219     | _                | _     | 8         | 211                | _      | _       | _                 |
| Effect of discounting to a different date and exchange rate effect                      | 159     | _                | _     | 67        | 87                 | _      | 5       | _                 |
| Changes in income tax   | 136     | _                | _     | 86        | 50                 | _      | _       | _                 |
| Net change  | 27      | =                | _     | (112)     | (341)              | _      | 480     | -                 |
| Balance at December 31st, 2023  | 2,972   | _                | -     | 1,183     | 1,789              | _      | _       | _                 |
| Changes due to sale or transfer prices of future  |         |                  |       |           |                    |        |         |                   |
| production costs  | 142     | _                | _     | (71)      | 213                | _      | _       | _                 |
| Changes in future development costs Oil and gas sales and transfers in the period       | (93)    | _                | _     | (22)      | (71)               | _      | _       | _                 |
| Net changes due to extensions, discoveries and  | (1,263) | _                | _     | (252)     | (1,011)            | _      | _       | _                 |
| improvements in the recovery of reserves  | 2       | _                | _     | _         | 2                  | _      | _       | _                 |
| Net changes due to purchases/sales of assets  | 100     | _                | _     | 102       | (2)                | _      | _       | _                 |
| Net changes due to revisions in quantity estimates                                      | 40      | _                | _     | 11        | 29                 | _      | _       | _                 |
| Previously estimated development costs incurred in the year                             | 598     | _                | _     | 11        | 587                | _      | _       | _                 |
| Effect of discounting to a different date and exchange rate effect                      | 454     | _                | _     | 184       | 270                | _      | _       | _                 |
| Changes in income tax   | 256     | -                | -     | 144       | 112                | -      | -       | -                 |
| Net change  | 236     |                  | _     | 107       | 129                |        |         |                   |
| Balance at December 31st, 2024 (1)  | 3,208   | _                | _     | 1,290     | 1,918              | _      |         | _                 |
| Total fully-consolidated and equity-accounted entities                                  | 9,912   | 4,466            | 1,067 | 1,288     | 2,573              | 1,536  | (1,250) | 232               |
|   |         |                  |       | •         |                    |        | ,       |                   |

<sup>(1)</sup> In October 2023, the remaining 49% of the company RRUK was acquired, the company's discounted future net cash flows are presented in fully-consolidated entities at the closing of 2023.

## Results of oil and gas exploration and production activities

The following table shows the revenues and expenses associated directly with the Group's oil and gas exploration and production activities. It does not include any allocation of the finance costs or general expenses, except for the accretion expense, and, therefore, is not necessarily indicative of the contribution to consolidated net profit of the oil and gas activities.

|     |       | _        |  |
|-----|-------|----------|--|
| Mıl | lions | of euros |  |

| At December 31st 2022  | Total  | United<br>States                     | Peru                  | Venezuela                                      | Rest of<br>America  | Africa                | Europe                                 | Asia &<br>Oceania       |
|--|--|--------------------------------------|-----------------------|--|---|-----------------------|--|-------------------------|
| Fully-consolidated entities  |  |                                      |                       |  |   |                       |  |                         |
| Income   |  |                                      |                       |  |   |                       |  |                         |
| Sales to non-Group companies   | 4,665  | 433                                  | 999                   | 2  | 675   | 845                   | 1,121                                  | 590                     |
| Sales between business segments and to Group   |  |                                      |                       |  |   |                       |  |                         |
| Companies  | 2,283  | 1,717                                | 8                     |  |   | 476                   | 82                                     |                         |
| Total income   | 6,948  | 2,150                                | 1,007                 | 2  | 675   | 1,321                 | 1,203                                  | 590                     |
| Production costs   | (936)  | (332)                                | (83)                  | (18)   | (209)   | (72)                  | (173)                                  | (49)                    |
| Production taxes   | (263)  | (25)                                 | (182)                 | _  | _   | (56)                  | _                                      | -                       |
| Exploration expenses (1)   | (452)  | (79)                                 | (1)                   | _  | (147)   | _                     | (34)                                   | (191)                   |
| Other operating expenses   | (773)  | (383)                                | (120)                 | (152)  | (2)   | (8)                   | (69)                                   | (39)                    |
| Depreciation and amortization charge (2)   | (1,124)  | (199)                                | (55)                  | (1)  | (217)   | (120)                 | (269)                                  | (263)                   |
| Profit (Loss) before taxes and charges   | 3,400  | 1,132                                | 566                   | (169)  | 100   | 1,065                 | 658                                    | 48                      |
| Taxes and charges (3)  | (2,158)  | (317)                                | (195)                 | 6  | (117)   | (814)                 | (642)                                  | (79)                    |
| Results of oil and gas production activities   | 1,242  | 815                                  | 371                   | (163)  | (17)  | 251                   | 16                                     | (31)                    |
|  |  |                                      |                       |  |   |                       |  |                         |
| Equity-accounted investees   |  |                                      |                       |  |   |                       |  |                         |
| <del>-</del>   |  |                                      |                       |  |   |                       |  |                         |
| Equity-accounted investees   | 2,820  | _                                    | _                     | 580  | 1,768   | _                     | 472                                    | _                       |
| Equity-accounted investees Income  | 2,820  | -                                    | -                     | 580  | 1,768   | _                     | 472                                    | _                       |
| Equity-accounted investees Income Sales to non-Group companies   | 2,820<br>943   | -<br>                                | -<br>-                | 580  | 1,768   | -<br><u>-</u>         | 472<br>188                             |                         |
| Equity-accounted investees Income Sales to non-Group companies Sales between business segments and to Group  | ,  | -<br>-<br>-                          | -<br>-<br>-           |  |   | -<br>-<br>-           |  | -<br>                   |
| Equity-accounted investees  Income  Sales to non-Group companies  Sales between business segments and to Group Companies   | 943  | -<br>-<br>-<br>-                     | -<br>-<br>-<br>-      |  | 755   |                       | 188                                    | -<br>-<br>-             |
| Equity-accounted investees  Income Sales to non-Group companies Sales between business segments and to Group Companies  Total income   | 943<br><b>3,763</b>                                      | -<br>-<br>-<br>-                     |                       | <br>580  | 755<br><b>2,523</b>   | _                     | 188<br><b>660</b>                      | -<br>-<br>-<br>-        |
| Equity-accounted investees  Income Sales to non-Group companies Sales between business segments and to Group Companies  Total income  Production costs   | 943<br><b>3,763</b><br>(532)                             | -<br>-<br>-<br>-<br>-                |                       | <b>580</b> (24)                                | 2,523 (227)   | _                     | 188<br><b>660</b>                      | -<br>-<br>-<br>-<br>(4) |
| Equity-accounted investees  Income Sales to non-Group companies Sales between business segments and to Group Companies  Total income  Production costs Production taxes  | 943<br><b>3,763</b><br>(532)<br>(534)                    | -<br>-<br>-<br>-<br>-<br>-           |                       | 580<br>(24)<br>(81)                            | 755<br><b>2,523</b><br>(227)<br>(453)                           | -<br>-<br>-           | 188<br><b>660</b><br>(281)             | -<br>-<br>-<br>-<br>(4) |
| Equity-accounted investees Income Sales to non-Group companies Sales between business segments and to Group Companies  Total income Production costs Production taxes Exploration expenses (1)   | 943<br><b>3,763</b><br>(532)<br>(534)<br>(23)            | -<br>-<br>-<br>-<br>-<br>-           | -<br>-<br>-           | <b>580</b> (24) (81)                           | 755<br><b>2,523</b><br>(227)<br>(453)<br>(16)                   | -<br>-<br>-           | 188<br><b>660</b><br>(281)<br>–<br>(3) | -<br>-<br>-<br>-<br>(4) |
| Equity-accounted investees  Income Sales to non-Group companies Sales between business segments and to Group Companies  Total income  Production costs Production taxes Exploration expenses (1) Other operating expenses  | 943<br>3,763<br>(532)<br>(534)<br>(23)<br>(343)          | -<br>-<br>-<br>-<br>-<br>-<br>-      | -<br>-<br>-           |  | 755<br><b>2,523</b><br>(227)<br>(453)<br>(16)<br>(116)          | -<br>-<br>-<br>-      | (281)<br>-<br>(3)<br>(24)              |                         |
| Equity-accounted investees  Income Sales to non-Group companies Sales between business segments and to Group Companies  Total income  Production costs Production taxes Exploration expenses (1) Other operating expenses Depreciation and amortization charge (2)   | 943<br>3,763<br>(532)<br>(534)<br>(23)<br>(343)<br>(607) | -<br>-<br>-<br>-<br>-<br>-<br>-      | -<br>-<br>-<br>-      | 580<br>(24)<br>(81)<br>-<br>(203)<br>24        | 755<br><b>2,523</b><br>(227)<br>(453)<br>(16)<br>(116)<br>(652) | -<br>-<br>-<br>-      | (281)<br>- (3)<br>(24)                 |                         |
| Equity-accounted investees  Income Sales to non-Group companies Sales between business segments and to Group Companies  Total income  Production costs Production taxes Exploration expenses (1) Other operating expenses Depreciation and amortization charge (2)  Profit (Loss) before taxes and charges | 943 3,763 (532) (534) (23) (343) (607)                   | -<br>-<br>-<br>-<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>- | 580<br>(24)<br>(81)<br>-<br>(203)<br>24<br>296 | 755 <b>2,523</b> (227) (453) (16) (116) (652) <b>1,059</b>      | -<br>-<br>-<br>-<br>- | (281) - (3) (24) 21                    | (4)                     |

| At December 31st 2023                                  | Total   | United<br>States | Peru  | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|--|---------|------------------|-------|-----------|--------------------|--------|--------|-------------------|
| Fully-consolidated entities                            |         |                  |       |           |                    |        |        |                   |
| Income   |         |                  |       |           |                    |        |        |                   |
| Sales to non-Group companies                           | 3,200   | 583              | 600   | 1         | 321                | 726    | 557    | 412               |
| Sales between business segments and to Group Companies | 1,771   | 1,098            | 3     |           |                    | 403    | 267    |                   |
| Total income   | 4,971   | 1,681            | 603   | 1         | 321                | 1,129  | 824    | 412               |
| Production costs                                       | (876)   | (354)            | (89)  | (17)      | (140)              | (67)   | (154)  | (55               |
| Production taxes                                       | (190)   | (31)             | (108) | _         | _                  | (51)   | _      | -                 |
| Exploration expenses (1)                               | (116)   | (65)             | _     | _         | (34)               | _      | (21)   | 4                 |
| Other operating expenses                               | (573)   | (259)            | (94)  | (16)      | (30)               | (11)   | (132)  | (31)              |
| Depreciation and amortization charge (2)               | (2,051) | (1,099)          | (70)  | (3)       | (117)              | (168)  | (526)  | (68               |
| Profit (Loss) before taxes and charges                 | 1,165   | (127)            | 242   | (35)      | _                  | 832    | (9)    | 262               |
| Taxes and charges (3)                                  | (1,363) | (556)            | (81)  | 10        | 98                 | (457)  | (227)  | (150)             |
| Results of oil and gas production activities           | (198)   | (683)            | 161   | (25)      | 98                 | 375    | (236)  | 112               |
| Equity-accounted investees                             |         |                  |       |           |                    |        |        |                   |
| Income   |         |                  |       |           |                    |        |        |                   |
| Sales to non-Group companies                           | 1,996   | -                | -     | 628       | 982                | -      | 386    | -                 |
| Sales between business segments and to Group Companies | 604     | _                | -     |           | 581                | _      | 23     |                   |
| Total income   | 2,600   | _                | -     | 628       | 1,563              | _      | 409    | -                 |
| Production costs                                       | (464)   | _                | _     | (33)      | (240)              | _      | (191)  | -                 |
| Production taxes                                       | (357)   | _                | _     | (94)      | (263)              | _      | _      | -                 |
| Exploration expenses (1)                               | (4)     | _                | _     | _         | (1)                | _      | (3)    | -                 |
| Other operating expenses                               | (502)   | 12               | _     | (251)     | (154)              | -      | (109)  | -                 |
| Depreciation and amortization charge (2)               | (1,015) |                  | _     | (107)     | (744)              | _      | (164)  |                   |
| Profit (Loss) before taxes and charges                 | 258     | 12               | -     | 143       | 161                | _      | (58)   | -                 |
| Taxes and charges <sup>(3)</sup>                       | (28)    |                  | _     | (107)     | 48                 |        | 31     |                   |
| Results of oil and gas production activities           | 230     | 12               | _     | 36        | 209                |        | (27)   |                   |
| Total results of oil and gas activities (4)(5)         | 32      | (671)            | 161   | 11        | 307                | 375    | (263)  | 112               |

| At December 31st 2024                                  | Total   | United<br>States | Peru  | Venezuela | Rest of<br>America | Africa | Europe  | Asia &<br>Oceania |
|--|---------|------------------|-------|-----------|--------------------|--------|---------|-------------------|
| Fully-consolidated entities                            |         |                  |       |           |                    |        |         |                   |
| Income   |         |                  |       |           |                    |        |         |                   |
| Sales to non-Group companies                           | 3,239   | 413              | 652   | -         | 215                | 611    | 1,090   | 258               |
| Sales between business segments and to Group Companies | 1,829   | 1,041            | 2     |           |                    | 327    | 459     |                   |
| Total income   | 5,069   | 1,454            | 654   | -         | 215                | 938    | 1,549   | 258               |
| Production costs                                       | (1,118) | (316)            | (96)  | (22)      | (56)               | (80)   | (510)   | (38)              |
| Production taxes                                       | (156)   | (10)             | (110) | 7         | _                  | (43)   | _       | _                 |
| Exploration expenses (1)                               | (95)    | (19)             | (1)   | _         | (43)               | 1      | (24)    | (9)               |
| Other operating expenses                               | (384)   | (161)            | (86)  | 136       | (41)               | (1)    | (212)   | (19)              |
| Depreciation and amortization charge (2)               | (3,458) | (1,546)          | (77)  | (1)       | (477)              | (140)  | (1,062) | (155)             |
| Profit (Loss) before taxes and charges                 | (143)   | (598)            | 284   | 120       | (402)              | 675    | (259)   | 37                |
| Taxes and charges                                      | (395)   | 149              | (140) | (17)      | 130                | (423)  | (27)    | (67)              |
| Results of oil and gas production activities           | (538)   | (449)            | 144   | 103       | (272)              | 252    | (286)   | (30)              |
| Equity-accounted investees                             |         |                  |       |           |                    |        |         |                   |
| Income   |         |                  |       |           |                    |        |         |                   |
| Sales to non-Group companies                           | 1,489   | -                | -     | 623       | 866                | -      | -       | -                 |
| Sales between business segments and to Group Companies | 490     | -                | -     |           | 490                | _      |         |                   |
| Total income   | 1,979   | _                | _     | 623       | 1,356              | -      | -       | -                 |
| Production costs                                       | (306)   | _                | _     | (51)      | (255)              | _      | _       | _                 |
| Production taxes                                       | (310)   | _                | _     | (109)     | (201)              | _      | -       | _                 |
| Exploration expenses (1)                               | (3)     | _                | -     | _         | (3)                | -      | -       | -                 |
| Other operating expenses                               | (330)   | 3                | -     | (259)     | (74)               | -      | -       | -                 |
| Depreciation and amortization charge (2)               | (359)   |                  | _     | 31        | (390)              | _      | _       |                   |
| Profit (Loss) before taxes and charges                 | 671     | 3                | -     | 235       | 433                | _      | -       | _                 |
| Taxes and charges                                      | (155)   | _                | -     | 48        | (203)              |        |         |                   |
| Results of oil and gas production activities           | 516     | 3                | -     | 283       | 230                | _      |         |                   |
| Total results of oil and gas activities (4)            | (22)    | (446)            | 144   | 386       | (42)               | 252    | (286)   | (30)              |

<sup>(1) &</sup>quot;Exploration expenses" include charges for the impairment of the exploration assets of €5 and €138 million in 2024 and 2022, respectively, and reversal for the impairment of exploration assets of €20 million in 2023 (see Note 5 to the 2024 Financial Statements and Note 20 to the 2023 and 2022 Financial Statements).

<sup>(2) &</sup>quot;Depreciation and amortization charge and provisions" includes the net impairment of production assets and development and provisions for onerous charges, as well as impairment of goodwill amounting to €1,510, €883 and €229 million in 2024, 2023 and 2022, respectively (see Note 5 to the 2024 Financial Statements and Note 20 to the 2023 and 2022 Financial Statements).

<sup>(3)</sup> The income tax expense includes the impairment of tax assets recognized in 2022 and 2023 amounting to €286 and €647 million (see Note 20 to the 2023 and 2022 Financial Statements).

<sup>(4)</sup> Results generated for divestments are not included. In addition, it does not include the results recorded because of the procedure initiated by Addax Petroleum UK Limited y Sinopec International Petroleum Exploration and Production Corporation (see Note 15 to the Financial Statements).

<sup>(5)</sup> In October 2023, the remaining 49% of the company RRUK was acquired, the results of the company until that date are presented in equity-accounted investees, the remaining results are in fully-consolidated entities.

## Investments

## Investments of the year (cost incurred)

The costs incurred represent amounts capitalized during the year relating to acquisitions of properties and for exploration and development activities, including dismantling costs.

| Millions    | of auros |  |
|-------------|----------|--|
| 14111110113 | UJ EUIUS |  |

| At December 31st 2022              | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|------------------------------------|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| Fully-consolidated entities        |       |                  |      |           |                    |        |        |                   |
| Acquisition of proved properties   | 213   | 213              | _    | _         | -                  | _      | -      | _                 |
| Acquisition of unproved properties |       | _                | -    | _         | _                  | -      | -      | _                 |
| Exploration costs                  | 214   | 124              | -    | -         | 53                 | 1      | (4)    | 40                |
| Development costs                  | 1,460 | 1,183            | 52   |           | 56                 | 43     | 126    |                   |
| Costs incurred                     | 1,887 | 1,520            | 52   |           | 109                | 44     | 122    | 40                |
| Equity-accounted investees         |       |                  |      |           |                    |        |        |                   |
| Acquisition of proved properties   | _     | _                | _    | _         | _                  | _      | _      | _                 |
| Acquisition of unproved properties | _     | _                | _    | _         | _                  | _      | -      | _                 |
| Exploration costs                  | 18    | _                | -    | _         | 18                 | -      | -      | _                 |
| Development costs                  | 82    | 34               | _    |           | 122                | _      | (74)   |                   |
| Costs incurred                     | 100   | 34               | _    |           | 140                |        | (74)   |                   |
| Total costs incurred               | 1,987 | 1,554            | 52   | _         | 249                | 44     | 48     | 40                |

| At December 31st 2023              | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|------------------------------------|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| Fully-consolidated entities        |       |                  |      |           |                    |        |        |                   |
| Acquisition of proved properties   | 789   | 144              | _    | _         | _                  | 33     | 612    | _                 |
| Acquisition of unproved properties | _     | -                | -    | -         | -                  | -      | -      | -                 |
| Exploration costs                  | 152   | 96               | -    | -         | 43                 | 4      | 5      | 4                 |
| Development costs                  | 1,760 | 1,333            | (23) | 1         | 155                | 57     | 224    | 13                |
| Costs incurred                     | 2,701 | 1,573            | (23) | 1         | 198                | 94     | 841    | 17                |
| Equity-accounted investees         |       |                  |      |           |                    |        |        |                   |
| Acquisition of proved properties   | _     | _                | _    | _         | -                  | _      | _      | -                 |
| Acquisition of unproved properties | _     | -                | -    | -         | -                  | -      | _      | -                 |
| Exploration costs                  | 39    | -                | -    | -         | 39                 | -      | _      | -                 |
| Development costs                  | 732   | 81               | _    | 75        | 508                |        | 68     |                   |
| Costs incurred                     | 771   | 81               | -    | 75        | 547                |        | 68     |                   |
| Total costs incurred (1)           | 3,472 | 1,654            | (23) | 76        | 745                | 94     | 909    | 17                |

| At December 31st 2024              | Total | United<br>States | Peru | Venezuela | Rest of<br>America | Africa | Europe | Asia &<br>Oceania |
|------------------------------------|-------|------------------|------|-----------|--------------------|--------|--------|-------------------|
| Fully-consolidated entities        |       |                  |      |           |                    |        |        |                   |
| Acquisition of proved properties   | _     | _                | _    | _         | _                  | -      | _      | -                 |
| Acquisition of unproved properties |       | _                | -    | _         | -                  | -      | -      | -                 |
| Exploration costs                  | 216   | 92               | -    | -         | 95                 | 5      | 19     | 5                 |
| Development costs                  | 2,151 | 1,529            | 43   | 1         | 115                | 78     | 361    | 24                |
| Costs incurred                     | 2,367 | 1,621            | 43   | 1         | 210                | 83     | 380    | 29                |
| Equity-accounted investees         |       |                  |      |           |                    |        |        |                   |
| Acquisition of proved properties   | 73    | -                | _    | 73        | _                  | -      | -      | -                 |
| Acquisition of unproved properties | -     | _                | -    | -         | -                  | -      | -      | -                 |
| Exploration costs                  | 23    | -                | -    | -         | 23                 | -      | -      | -                 |
| Development costs                  | 725   | 6                | _    | (45)      | 764                |        |        |                   |
| Costs incurred                     | 821   | 6                | _    | 28        | 787                |        |        |                   |
| Total costs incurred               | 3,188 | 1,627            | 43   | 29        | 997                | 83     | 380    | 29                |

<sup>(1)</sup> In October 2023, the remaining 49% of the company RRUK was acquired, the incurred costs of the company until that date are presented in equity-accounted investees, the remaining costs are in fully-consolidated entities.

## Accumulated investments (capitalized costs)

Capitalized costs represent the historical costs capitalized related to oil and gas exploration and production activities, including auxiliary equipment and facilities, and the related accumulated depreciation and accumulated impairment losses.

|      |       | -             |        |
|------|-------|---------------|--------|
| MIII | linns | $\alpha t$    | euros  |
|      | 10115 | $\sim$ $_{I}$ | 001103 |

| At December 31st 2022                                | Total    | United<br>States | Peru  | Venezuela | Rest of<br>America | Africa  | Europe  | Asia &<br>Oceania |
|--|----------|------------------|-------|-----------|--------------------|---------|---------|-------------------|
| Fully-consolidated entities                          |          |                  |       |           |                    |         |         |                   |
| Capitalized costs of proved oil and gas properties   | 21,293   | 11,811           | 625   | 76        | 3,377              | 1,835   | 1,007   | 2,562             |
| Capitalized costs of unproved oil and gas properties | 606      | 188              | -     | -         | 381                | (1)     | 4       | 34                |
|  | 21,899   | 11,999           | 625   | 76        | 3,758              | 1,834   | 1,011   | 2,596             |
| Auxiliary equipment and facilities                   | 5,828    | 1,798            | 828   | 29        | 514                | 1,270   | 1,191   | 198               |
| Total capitalized costs                              | 27,727   | 13,797           | 1,453 | 105       | 4,272              | 3,104   | 2,202   | 2,794             |
| Accumulated depreciation and impairment losses       | (16,143) | (6,560)          | (521) | (102)     | (2,906)            | (2,419) | (1,422) | (2,213)           |
| Net amount   | 11,584   | 7,237            | 932   | 3         | 1,366              | 685     | 780     | 581               |
| Equity-accounted investees                           |          |                  |       |           |                    |         |         |                   |
| Capitalized costs of proved oil and gas properties   | 11,263   | _                | _     | 1,600     | 7,530              | _       | 2,133   | _                 |
| Capitalized costs of unproved oil and gas properties | 687      | _                | -     | -         | 687                | _       | _       | -                 |
|  | 11,950   | -                | -     | 1,600     | 8,217              | _       | 2,133   | _                 |
| Auxiliary equipment and facilities                   | 4,628    | 34               | -     | 880       | 3,025              | _       | 689     |                   |
| Total capitalized costs                              | 16,578   | 34               | -     | 2,480     | 11,242             | _       | 2,822   | _                 |
| Accumulated depreciation and impairment losses       | (12,028) | _                | _     | (1,971)   | (7,985)            | _       | (2,072) |                   |
| Net amount   | 4,550    | 34               | _     | 509       | 3,257              | _       | 750     |                   |
| Total Net amounts                                    | 16,134   | 7,271            | 932   | 512       | 4,623              | 685     | 1,530   | 581               |

| At December 31st 2023                                | Total    | United<br>States | Peru  | Venezuela | Rest of<br>America | Africa  | Europe  | Asia &<br>Oceania |
|--|----------|------------------|-------|-----------|--------------------|---------|---------|-------------------|
| Fully-consolidated entities                          |          |                  |       |           |                    |         |         |                   |
| Capitalized costs of proved oil and gas properties   | 20,985   | 12,499           | 567   | 73        | 1,245              | 1,825   | 2,300   | 2,476             |
| Capitalized costs of unproved oil and gas properties | 677      | 226              | -     | -         | 398                | 1       | 4       | 48                |
|  | 21,662   | 12,725           | 567   | 73        | 1,643              | 1,826   | 2,304   | 2,524             |
| Auxiliary equipment and facilities                   | 6,149    | 2,162            | 815   | 29        | 468                | 1,269   | 1,201   | 205               |
| Total capitalized costs                              | 27,811   | 14,887           | 1,382 | 102       | 2,111              | 3,095   | 3,505   | 2,729             |
| Accumulated depreciation and impairment losses       | (15,287) | (7,390)          | (567) | (101)     | (974)              | (2,501) | (1,559) | (2,195)           |
| Net amount   | 12,524   | 7,497            | 815   | 1         | 1,137              | 594     | 1,946   | 534               |
| Equity-accounted investees                           | 0        |                  |       |           | 0                  |         |         |                   |
| Capitalized costs of proved oil and gas properties   | 9,832    | -                | -     | 1,619     | 8,213              | -       | -       | -                 |
| Capitalized costs of unproved oil and gas properties | 55       |                  |       |           | 55                 |         |         |                   |
|  | 9,887    | -                | _     | 1,619     | 8,268              | _       | _       | -                 |
| Auxiliary equipment and facilities                   | 3,984    | 13               | _     | 849       | 3,122              | _       | _       | -                 |
| Total capitalized costs                              | 13,871   | 13               | -     | 2,468     | 11,390             | _       | -       | _                 |
| Accumulated depreciation and impairment losses       | (10,416) | _                | _     | (2,003)   | (8,413)            | _       | _       | _                 |
| Net amount   | 3,455    | 13               | _     | 465       | 2,977              | _       |         | _                 |
| Total Net amounts (1)                                | 15,979   | 7,510            | 815   | 466       | 4,114              | 594     | 1,946   | 534               |

| At December 31st 2024                                | Total    | United<br>States | Peru  | Venezuela | Rest of<br>America | Africa  | Europe  | Asia &<br>Oceania |
|--|----------|------------------|-------|-----------|--------------------|---------|---------|-------------------|
| Fully-consolidated entities                          |          |                  |       |           |                    |         |         |                   |
| Capitalized costs of proved oil and gas properties   | 22,955   | 13,999           | 605   | 17        | 1,337              | 1,784   | 2,578   | 2,635             |
| Capitalized costs of unproved oil and gas properties | 746      | 268              | _     | _         | 412                | 6       | 3       | 57                |
|  | 23,701   | 14,267           | 605   | 17        | 1,749              | 1,790   | 2,581   | 2,692             |
| Auxiliary equipment and facilities                   | 7,210    | 3,041            | 896   | 16        | 573                | 1,112   | 1,332   | 240               |
| Total capitalized costs                              | 30,911   | 17,308           | 1,501 | 33        | 2,322              | 2,902   | 3,913   | 2,932             |
| Accumulated depreciation and impairment losses       | (18,663) | (9,390)          | (669) | (26)      | (1,422)            | (2,332) | (2,336) | (2,488)           |
| Net amount   | 12,248   | 7,918            | 832   | 7         | 900                | 570     | 1,577   | 444               |
| Equity-accounted investees                           |          |                  |       |           |                    |         |         |                   |
| Capitalized costs of proved oil and gas properties   | 10,237   | _                | _     | 1,824     | 8,413              | _       | _       | _                 |
| Capitalized costs of unproved oil and gas properties | 65       | -                | -     | -         | 65                 | -       | -       | -                 |
|  | 10,302   | -                | -     | 1,824     | 8,478              | -       | _       | _                 |
| Auxiliary equipment and facilities                   | 4,527    | 19               | -     | 899       | 3,609              | _       | _       | _                 |
| Total capitalized costs                              | 14,829   | 19               | -     | 2,723     | 12,087             | _       | _       | -                 |
| Accumulated depreciation and impairment losses       | (10,677) | _                | _     | (2,088)   | (8,589)            | _       | -       | -                 |
| Net amount   | 4,152    | 19               | _     | 635       | 3,498              | _       |         |                   |
| Total Net amounts <sup>(2)</sup>                     | 16,400   | 7,937            | 832   | 642       | 4,398              | 570     | 1,577   | 444               |

<sup>(1)</sup> In October 2023, the remaining 49% of the company RRUK was acquired, the company's capitalized costs are presented in fully-consolidated entities at the closing of 2023.

The information in this document is published pursuant to the provision of article 226 of the Spanish Securities Market.

<sup>(2)</sup> In 2024, includes assets classified as held for sale amounting €529 million.