



Benchmarking study of electricity prices between Belgium and neighboring countries

2021



Benchmarking study

Agenda

- Objectives and scope of the benchmarking study
- Benchmarking methodology
- Results of the benchmarking study
 - Baseload profile
 - Peak load profile
- Appendices



Objectives and scope of the benchmarking study

Objectives and scope of the benchmarking study

The **primary objective of the study that Febeliec requested from Deloitte** is to obtain an overview of possible **price differences for electricity** purchased on the electricity market by major industrial consumers in Belgium, such as the members of Febeliec, as compared to their peers in France, the Netherlands and Germany.

- The **primary focus** is on **relative price differences** that exist on the market for Febeliec member profiles using identical, simplified, standardized, load (baseload and peak load) and volume profiles (ranging from 100 GWh to 1000 GWh).
- The **study covers** the actual prices for electricity that can be purchased in the relevant electricity markets in the **period 2019, 2020 and 2021** based on existing legislation and policies.

Benchmark methodology

Benchmark methodology

The relevant electricity price components used in this study are based solely on public data sources.

Market price:

Market prices are **based on electricity market quotations** (using appropriate combinations of spot & forward prices) as to obtain objective data that is comparable over the different Febeliec members.

This pricing approach neutralizes the impact of:

- Different sourcing and hedging strategies
- Historical long term sourcing contracts concluded under different market conditions

Network costs:

Network costs are regulated tariffs applied by the transmission grid operators (TSOs) for the transport of electricity over the transmission network (excluding distribution).

Electricity taxes:

Represent all taxes and other levies that are to be paid on top of the market price and network costs in the different jurisdictions. All countries and regions in this study apply hardship regimes for different electricity surcharges and taxes for specific activities and/or offtake volumes. The different countries and regions apply various rules and criteria, though in most cases the European EEAG (Guidelines on State aid for environmental protection and energy) apply in order to avoid illegal state aid and/or distortion of competition.

In this study, it is assumed that consumers are rational and benefit from the maximum possible exemptions for qualified industrial activities. This does not exclude that specific (categories of) consumers benefit either from higher exemptions (e.g. very high energy-intensive activities or specific activity sectors) or from lower exemptions (e.g. consumers in specific activity sectors).

Results of the benchmarking study

Baseload profile

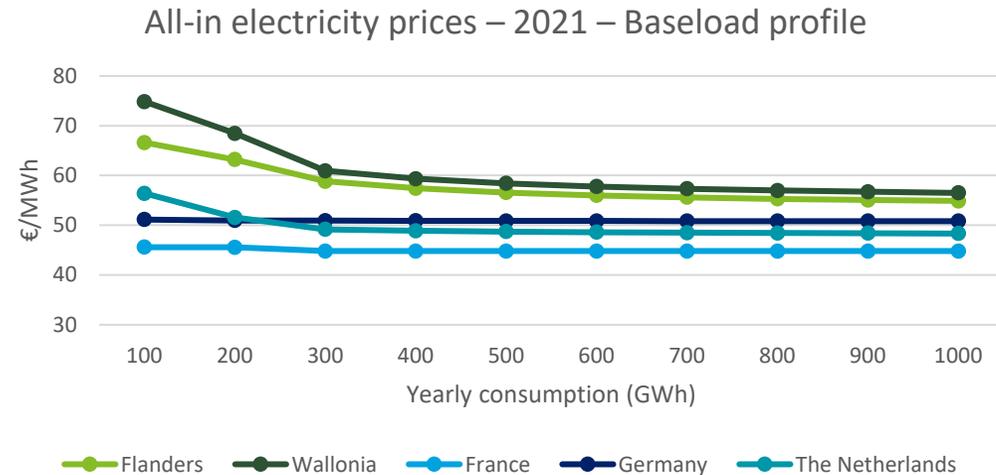
Results of the benchmarking study

Baseload profile

- Benchmark all-in electricity prices of a **baseload profile**
- Comparative overview of:
 - Market prices
 - Network costs
 - Electricity taxes

Benchmark all-in electricity prices

Baseload profile

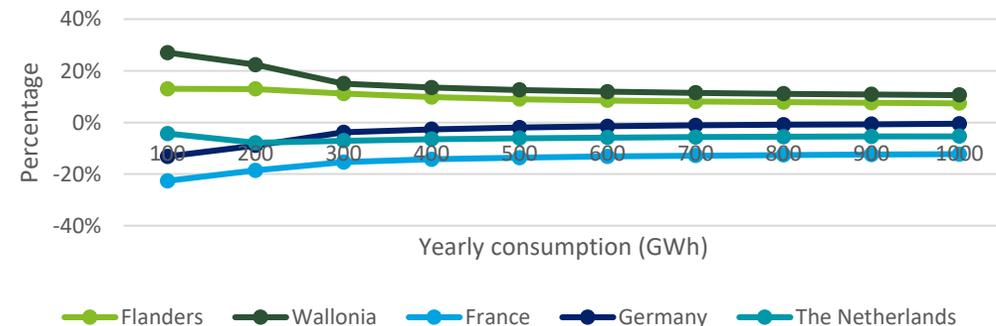


Large industrial baseload consumers are facing higher all-in prices for electricity purchased in Belgium versus in its neighboring countries.

- In 2021, we observe all-in electricity prices ranging from **46€/MWh** in France, to **51€/MWh** in Germany, to **67€/MWh** in Flanders and up to **75€/MWh** in Wallonia for a 100 GWh baseload consumer. For the 1000 GWh baseload profile, prices vary between **45€/MWh** in France and **57€/MWh** in Wallonia.

- In Flanders, results show a difference in electricity price of approximately **4€/MWh (+7%)** for a 1000 GWh industrial consumer and up to **8€/MWh (+13%)** for a 100 GWh industrial consumer compared to the average of the electricity prices of all countries in scope of the study. In Wallonia, we see differences of approximately **5€/MWh (+11%)** for a 1000 GWh industrial consumer and up to **16€/MWh (+27%)** for a 100 GWh industrial consumer compared to the average of the electricity prices of all countries in scope of the study.

Relative deviation of electricity prices vs average prices in Belgium and its neighboring countries – 2021 – Baseload profile



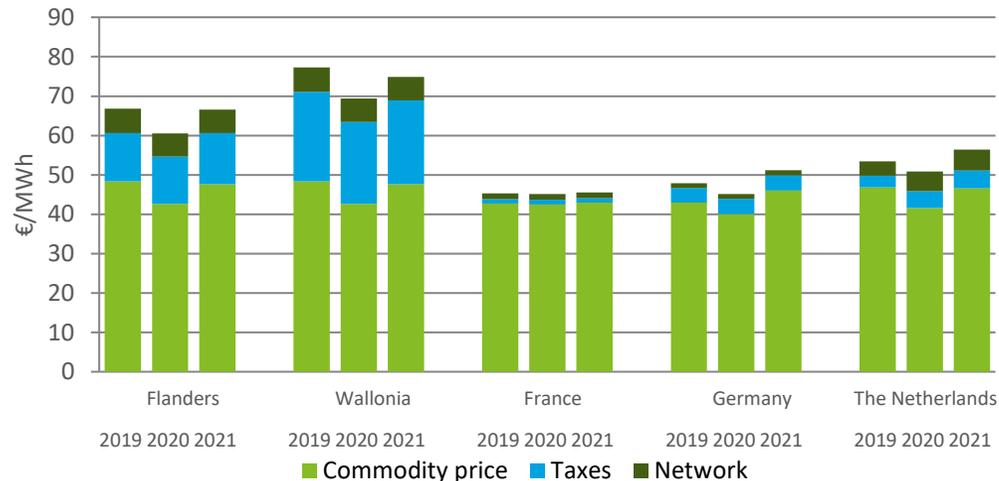
- For a 100 GWh baseload consumer, this represents an annual all-in electricity cost difference of **0,77 million €** in Flanders and **1,60 million €** in Wallonia (compared to the average of the countries in scope).

- For a 1000 GWh baseload consumer this represents an annual all-in electricity cost difference of **3,80 million €** in Flanders and **5,44 million €** per year in Wallonia (compared to the average of the countries in scope).

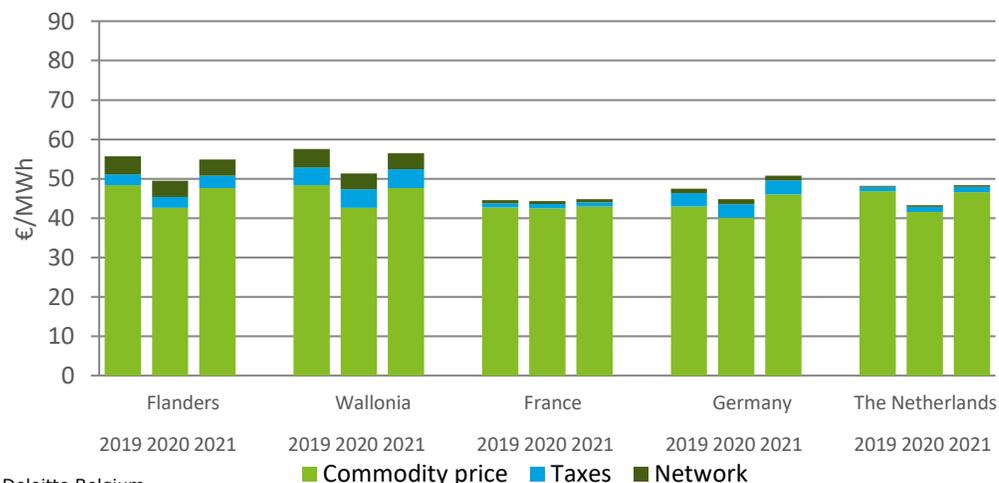
Benchmark all-in electricity prices

Baseload profile

All-in electricity prices for baseload profiles (100 GWh)



All-in electricity prices for baseload profiles (1000 GWh)



The all-in **electricity prices have increased** in Belgium in **2021 compared to 2020**. For Flanders and Wallonia, we see an increase in all-in electricity prices of 10% and 8%, respectively, for a 100 GWh profile and 11% and 10%, respectively, for a 1000 GWh profile.

This increase is partially explained by an increasing commodity cost (12%). Network costs have also increased (1% for 100 GWh profile), both in Flanders and in Wallonia. For 100 GWh profiles, we see an increase in taxes compared to last year of around 8% for Flanders and 2% for Wallonia. For 1000 GWh profiles, there's a slight increase in taxes of around 2% for Wallonia and an increase of 13% for Flanders.

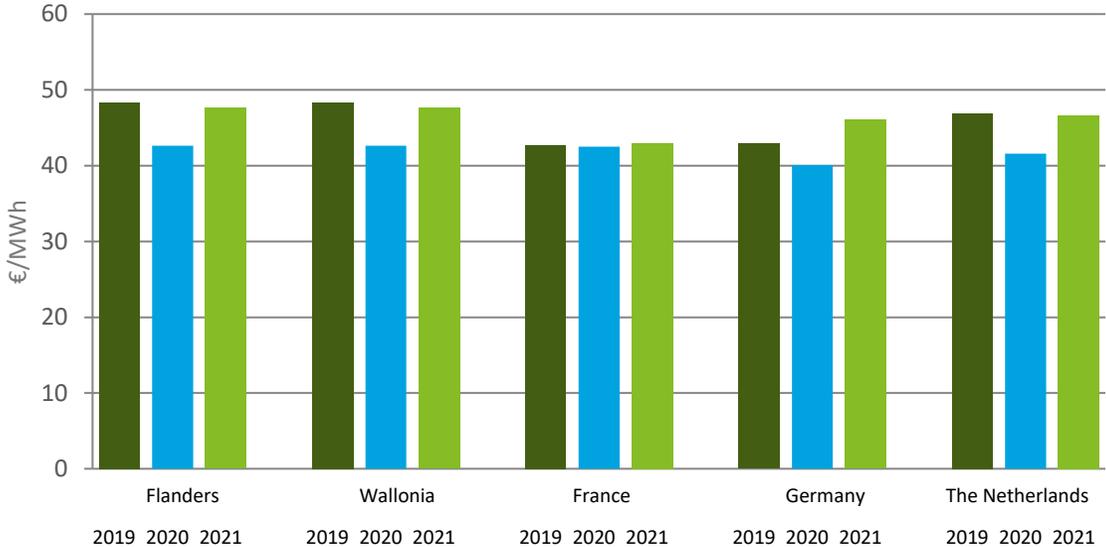
The all-in electricity prices for baseload profiles in Belgium have increased in 2021 and are significantly higher than in the neighboring countries. The observed price difference with the other countries is essentially driven by a combination of the following elements:

- **Higher electricity taxes** in Flanders and Wallonia compared to the neighboring countries.
- **Important discounts on network costs in France, Germany and the Netherlands** of up to 90% of the standard tariffs for certain consumption profiles. More details can be found in the appendix to this report.
- **Commodity prices** in Flanders & Wallonia are about 3% higher than the average commodity cost for all countries in scope.

Comparative overview of market prices

Baseload profile

Commodity electricity price



The wholesale electricity prices in **France** are below the market prices in the other countries in the benchmarking scope. This is largely caused by the applicable regulated rates (based on “La Nouvelle Organisation du Marché de l’Électricité” (La Loi NOME) and “L’Accès Régulé à l’Électricité Nucléaire Historique” (La Loi ARENH) in France.

For 2021, Belgian market prices remain **2%** more expensive than market prices in **the Netherlands**, **11%** more than in **France** and **3%** more than in **Germany**.

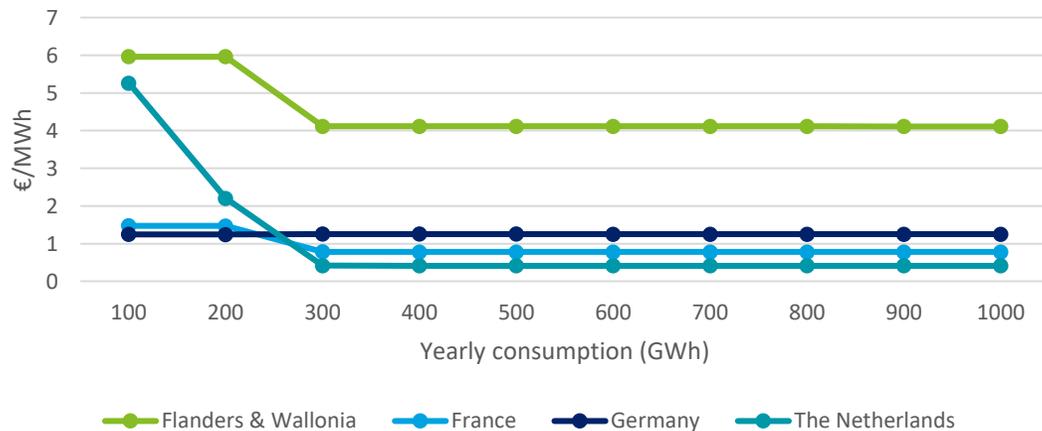
Comparative overview of network costs

Baseload profile

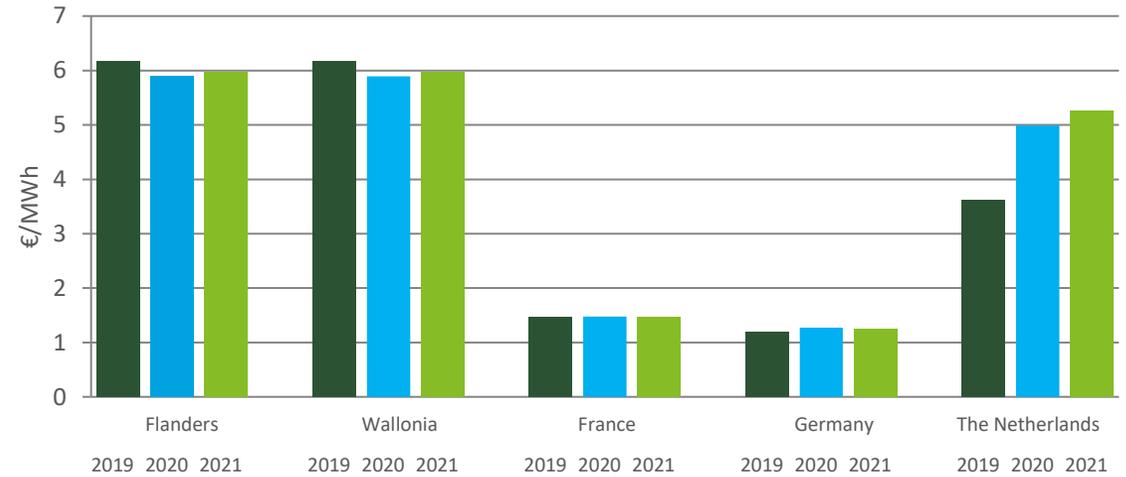
Network tariffs in Belgium **increased** with overall 1% in 2021 and remain higher than those in the neighboring countries.

In France, Germany and the Netherlands, a maximum **90% discount** on network costs is applicable for certain consumption profiles. This discount does not exist in Belgium, which explains the large differences between Belgium and its neighboring countries. More details can be found in the appendix of this report.

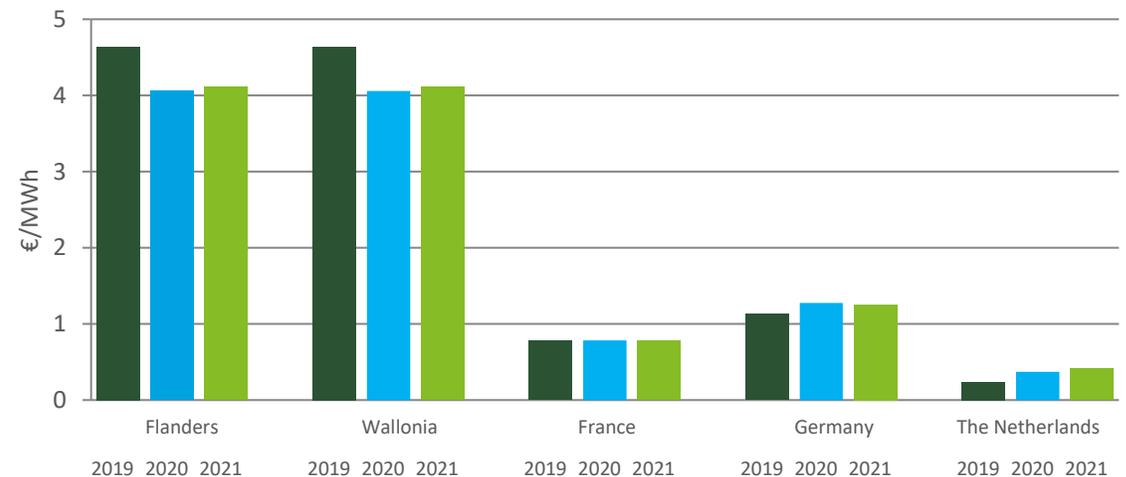
Network costs – 2021 – Baseload profile



Network costs for baseload profiles (100 GWh)



Network costs for baseload profiles (1000 GWh)



Comparative overview of electricity taxes

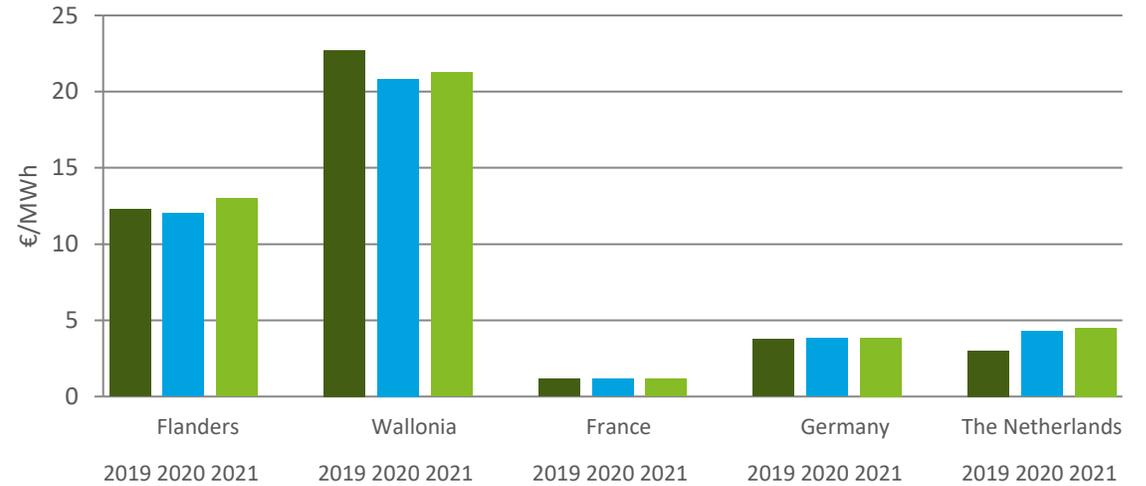
Baseload profile

Taxes in Belgium remain significantly higher compared to the neighboring countries. For 100 GWh and 1000 GWh consumers, taxes slightly increased in 2021 in Wallonia and Flanders, compared to 2020. The increase was up to 8% for consumers connected to 70 kV in Flanders and 2% for similar customers in Wallonia. Taxes for consumers connected to 150 kV or above in Flanders and Wallonia have increased with 13% and 2%, respectively.

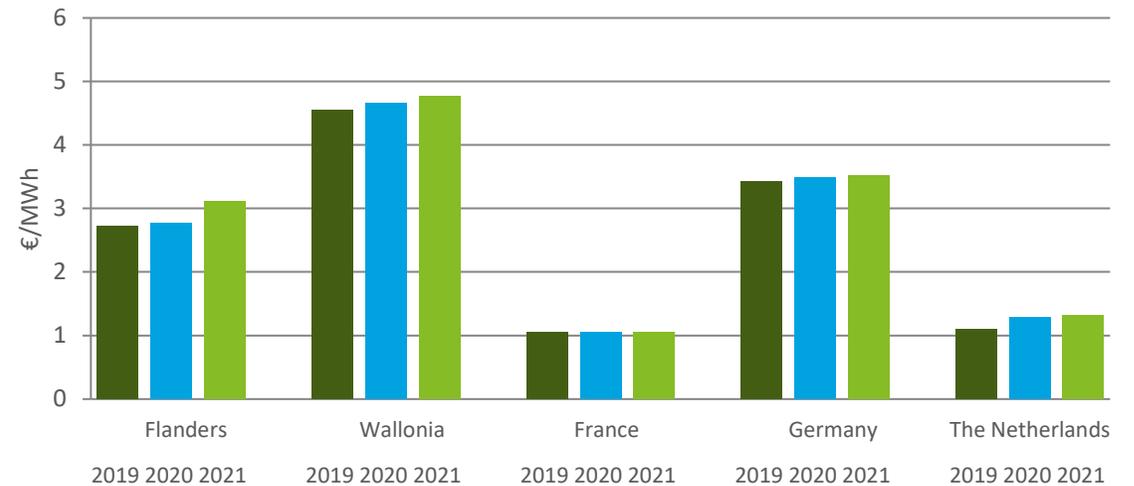
In France, industrial consumers benefit from low electricity taxes. Electricity taxes in France are up to 8 times lower than the average of the countries in scope of the study (for a 100 GWh profile).

For a 1000 GWh profile in Germany, electricity taxes are comparable to taxes in Belgium. However, taxes in the Netherlands and France are two to three times lower.

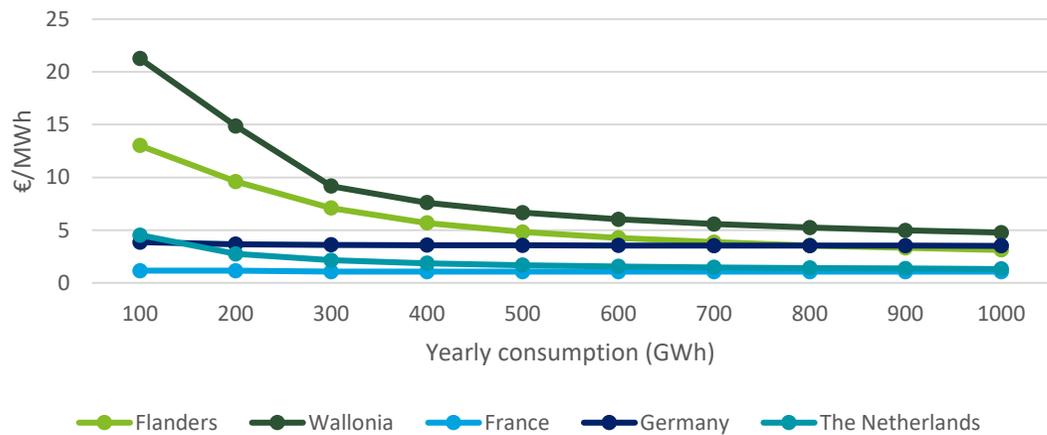
Electricity taxes for baseload profiles (100 GWh)



Electricity taxes for baseload profiles (1000 GWh)



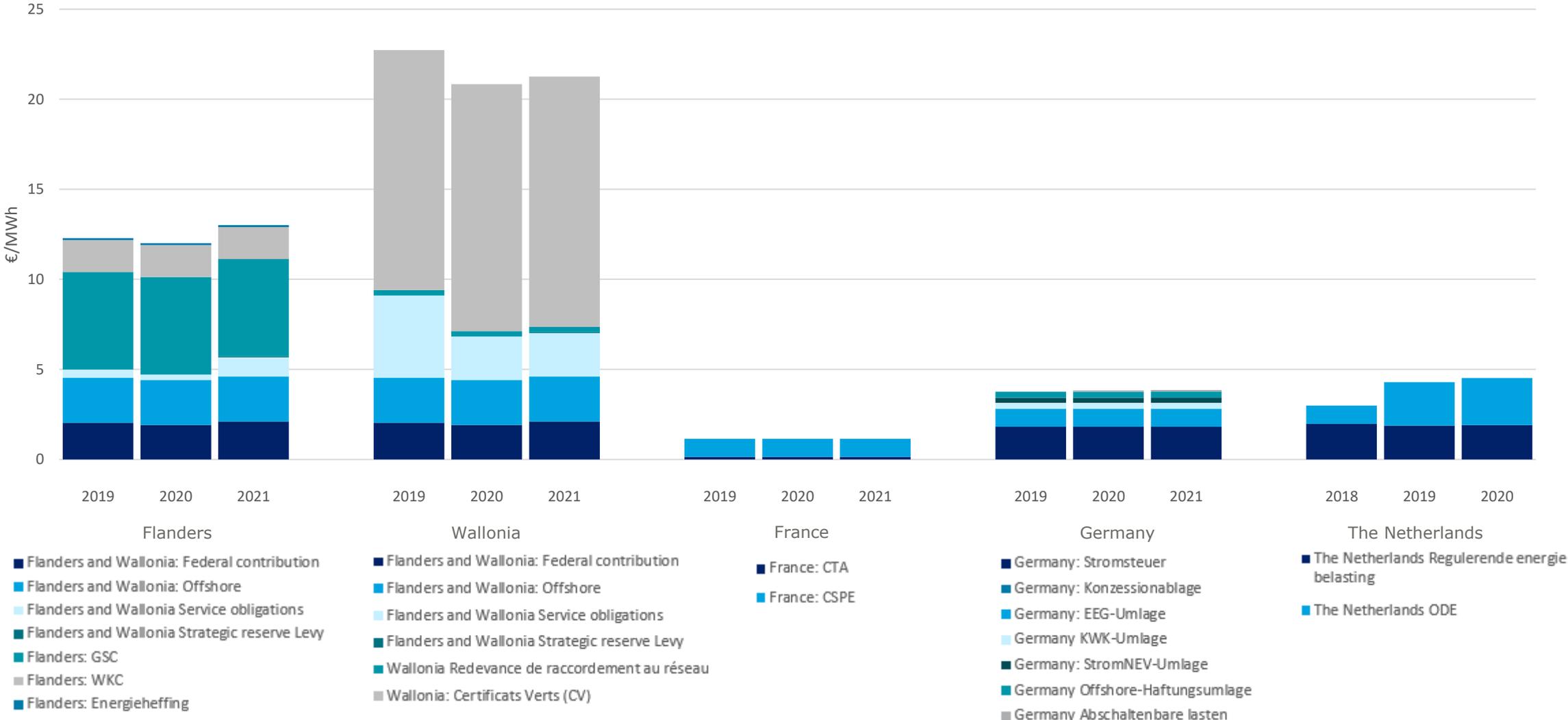
Electricity Taxes - 2021 – Baseload profile



Comparative overview of electricity taxes

Baseload profile (100 GWh)

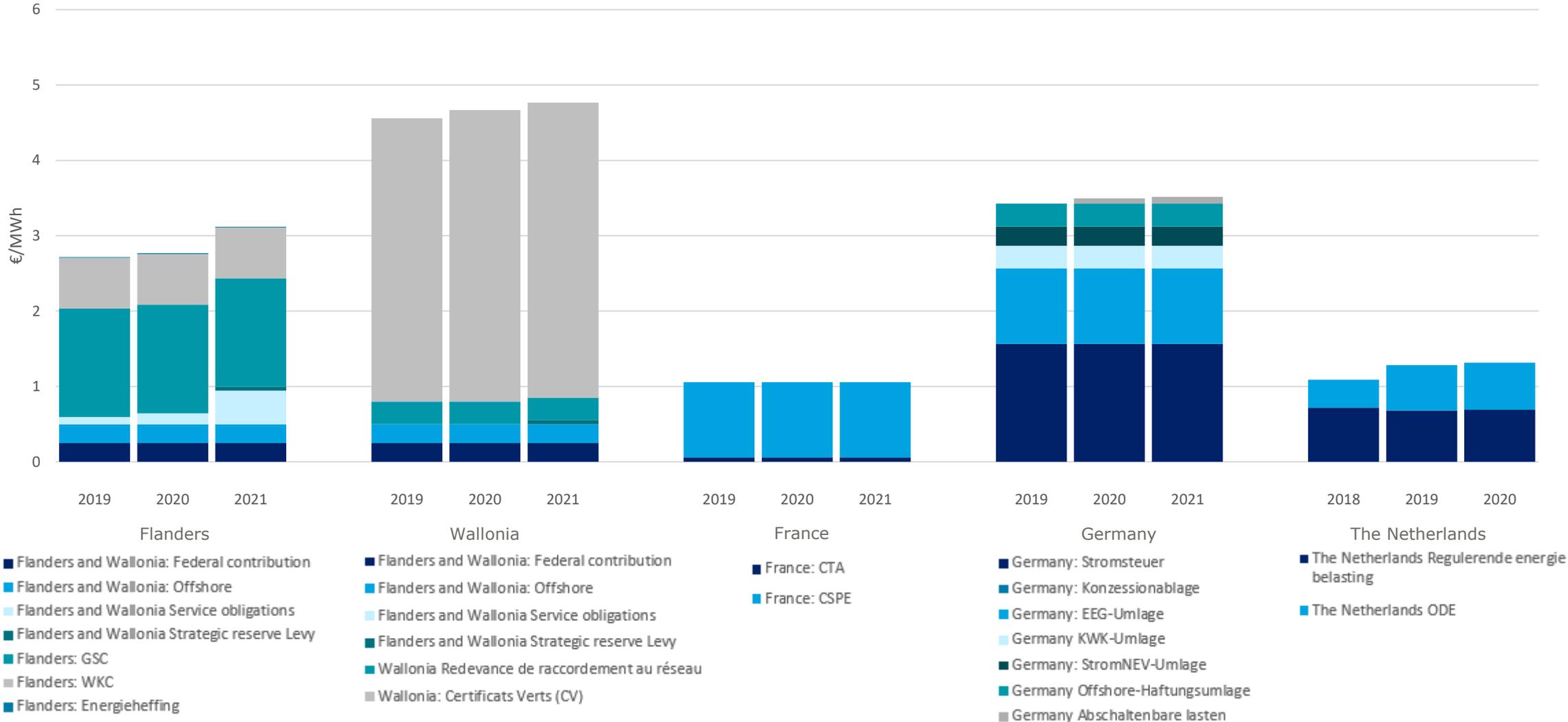
Detailed overview electricity taxes for baseload profiles (100 GWh)



Comparative overview of electricity taxes

Baseload profile (1000 GWh)

Detailed overview electricity taxes for baseload profiles (1000 GWh)



Results of the benchmarking study

Peak load profile

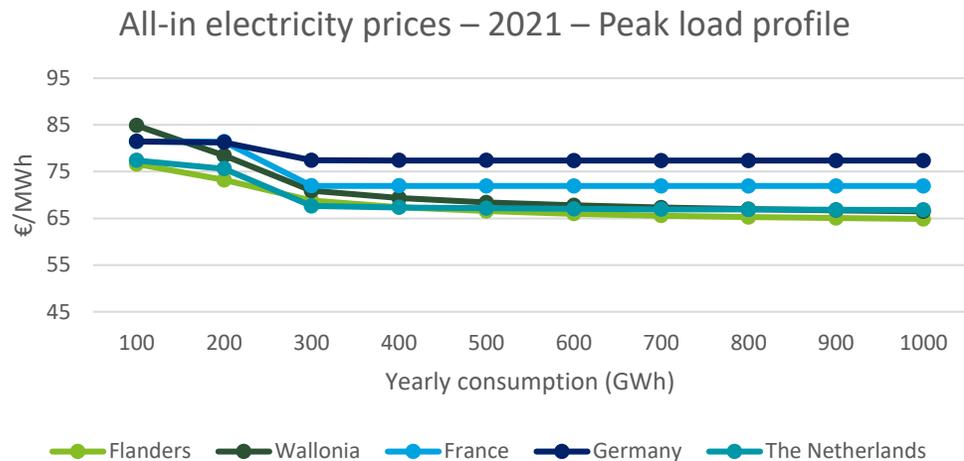
Results of the benchmarking study

Peak load profile

- Benchmark all-in electricity prices of a **peak load profile**
- Comparative overview of:
 - Market prices
 - Network costs
 - Electricity taxes

Benchmark all-in electricity prices

Peak load profile

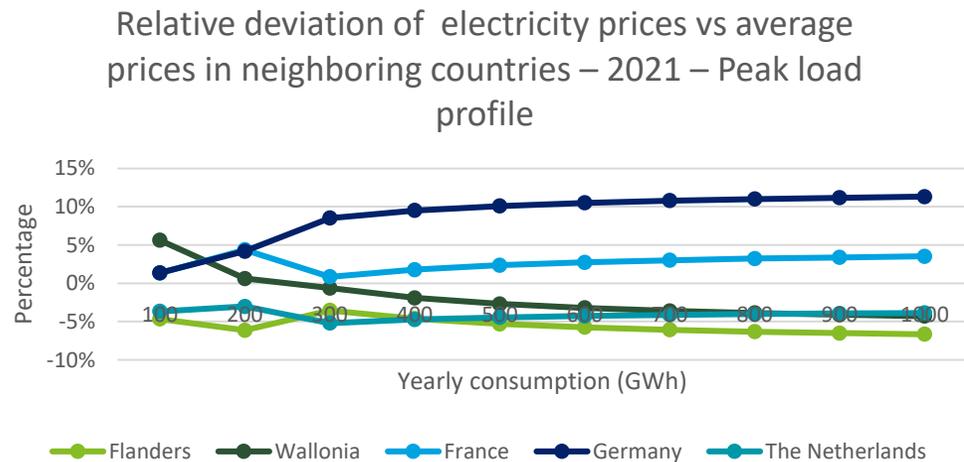


For 2021, we observe all-in peak load prices ranging from **65€/MWh** in Flanders for a 1000 GWh consumer to **85€/MWh** in Wallonia for a 100 GWh consumer.

The all-in electricity price for peak load consumers in **Wallonia** is approx. **5€/MWh (6%)** higher for a 100 GWh consumer compared to the average of the countries in scope of the study. For **Flanders**, the all-in electricity price for peak load consumers is up to almost **7%** lower compared to the average of the countries in scope.

For a 100 GWh consumer in **Wallonia** this represents an annual all-in electricity cost difference of **0,45 million €** in 2021 compared to the average of the countries in scope of the study.

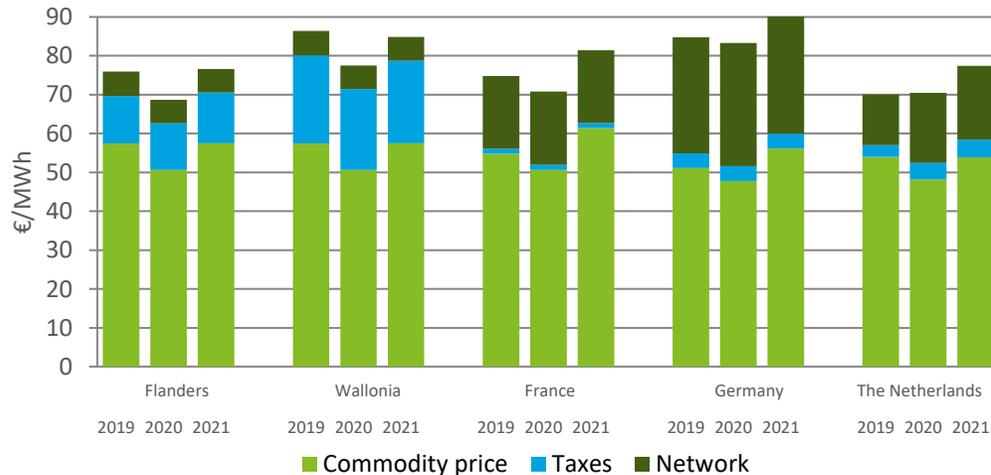
All-in peak load prices in Flanders are lower than the other countries in the benchmark study for most consumption profiles.



Benchmark all-in electricity prices

Peak load profile

All-in electricity prices for peak load profiles (100 GWh)



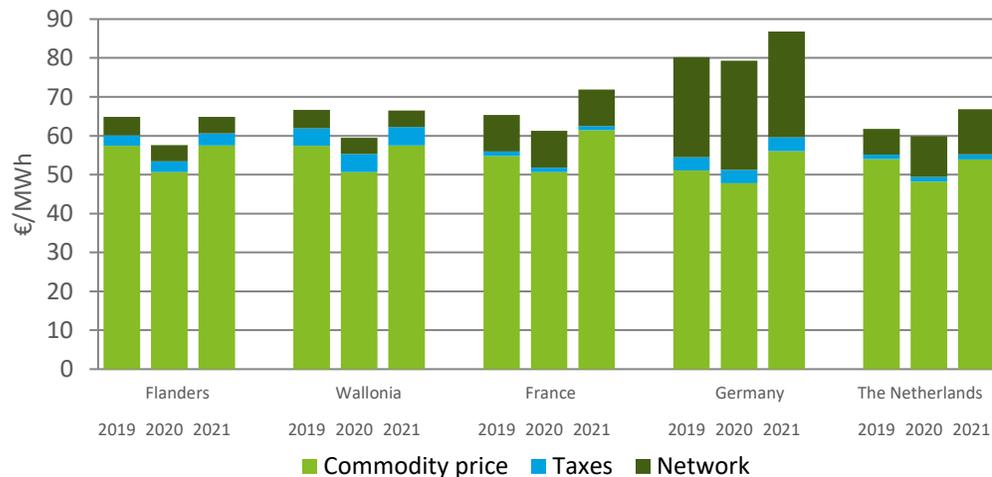
The all-in **electricity prices have increased** in Belgium in **2021 compared to 2020** for almost all consumer profiles. For both Flanders and Wallonia, we see an increase of up to 13% and 12%, respectively.

The increase is explained by an increase in commodity cost (14%), network cost (2%) and taxes (up to 13% for Flanders).

For a 100 GWh consumer in Wallonia, we observe a price difference of 3€/MWh and 7€/MWh with France and the Netherlands, respectively. For Flanders, the price is in line with the Netherlands. The cost elements vis-à-vis the neighboring countries are as follows:

- **Commodity prices** in Flanders & Wallonia are 0,5% higher than the average commodity cost for all countries in scope.
- **Substantially higher electricity taxes** in Belgium compared to the neighboring countries. Up to 70 kV (for a 100 GWh consumer), both in Flanders and Wallonia taxes are up to 4 and 7 times higher respectively compared to the average of France, Germany and the Netherlands. Above 70 kV (for a 1000 GWh consumer), taxes are up to 3 and 4 times higher respectively compared to the average of the neighboring countries.
- In contrast, **network costs** in Belgium are substantially lower than the average of the neighboring countries.

All-in electricity prices for peak load profiles (1000 GWh)

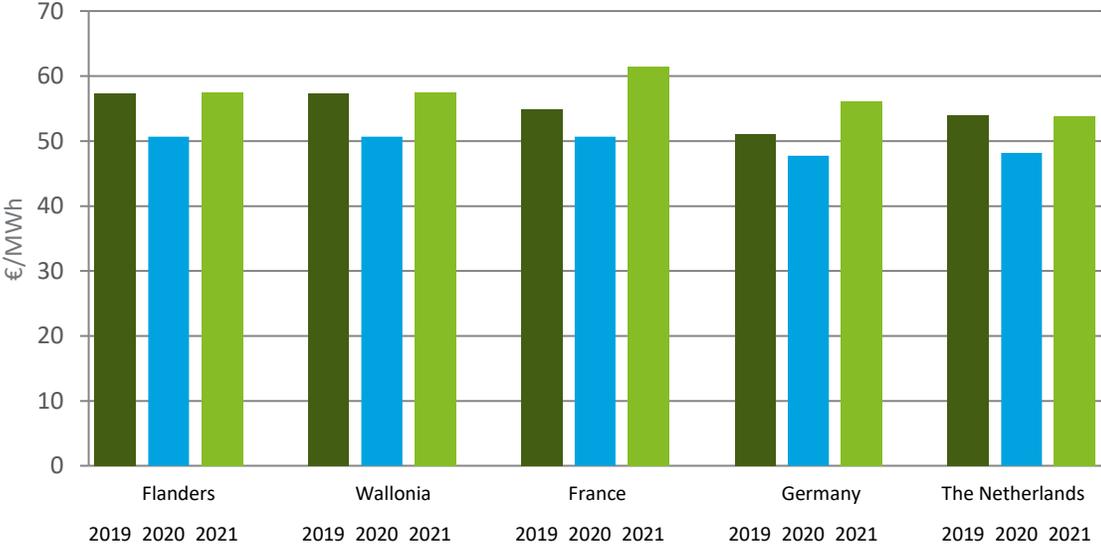


Germany has the highest all-in electricity price which is mainly due to the high network costs.

Comparative evolution of commodity prices

Peak load profile

Commodity electricity price



The wholesale electricity prices for peak load in Germany and the Netherlands remain below the market prices in the other countries in the benchmarking scope.

For 2021, Belgian market prices for peak load profiles are **6% lower than the prices in France**, are **7% more expensive** than in **the Netherlands** and **3% more expensive** than in **Germany**.

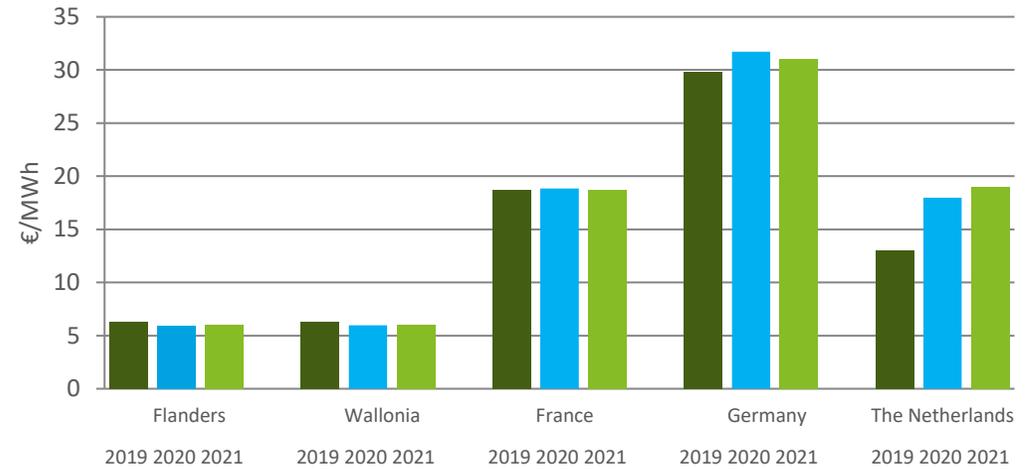
Comparative overview of network costs

Peak load profile

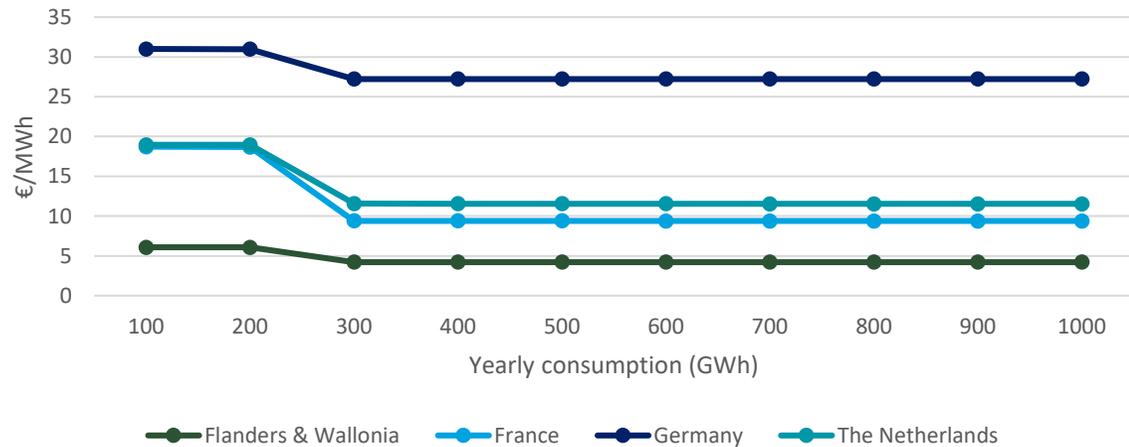
In **France, Germany and the Netherlands** industrial consumers with a peak load profile do not benefit from discounted network costs.

Network costs in Flanders and Wallonia are therefore about three times lower than the average of all countries in scope of the study for all consumption profiles and up to six times lower than prices in Germany (for a 1000 GWh consumer). It must be noted however, that the energy consumption is assumed to be constant throughout peak hours and that no power peaks occur, nor on a yearly, nor a monthly basis. Consumption profiles which do show these peaks, are paying additional network costs for this in Belgium.

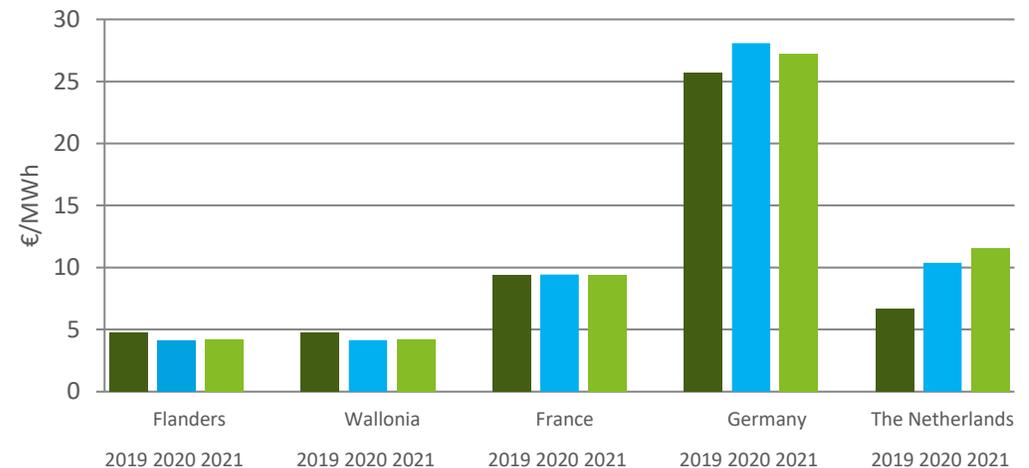
Network costs for peak load profiles (100 GWh)



Network costs – 2021 – Peak load profile



Network costs for peak load profiles (1000 GWh)

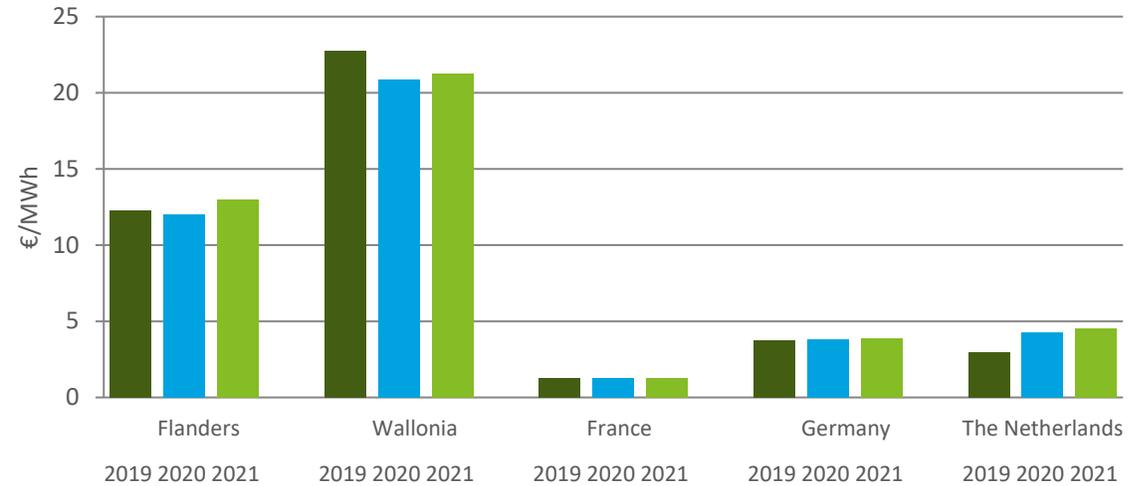


Comparative overview of electricity taxes

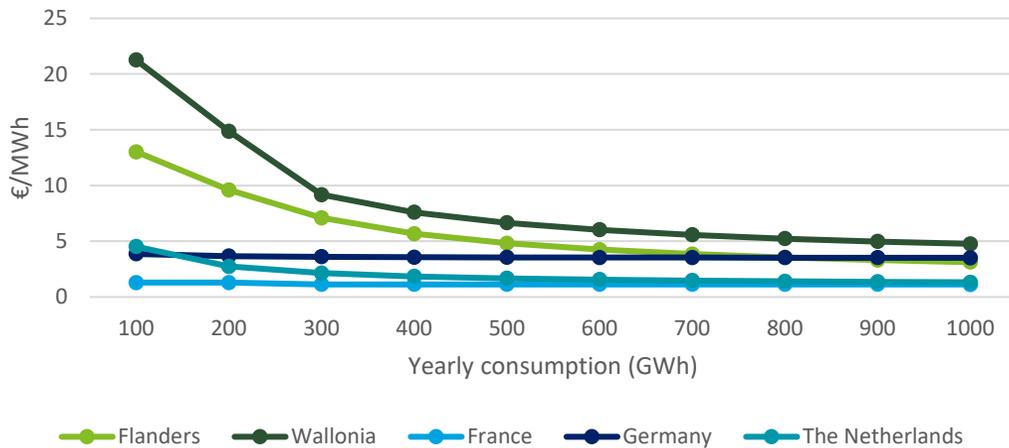
Peak load profile

Observations on taxes for peak load profiles are similar to those for baseload consumers, as most taxes depend on the total (yearly) energy consumption, rather than on the consumption profiles (baseload versus peak load). Only in France a slight difference is observed between taxes for baseload versus peak load consumers. This difference is related to the French Contribution Tarifaire d'Acheminement (CTA) that is function of the network costs that in turn depend on the subscribed capacity.

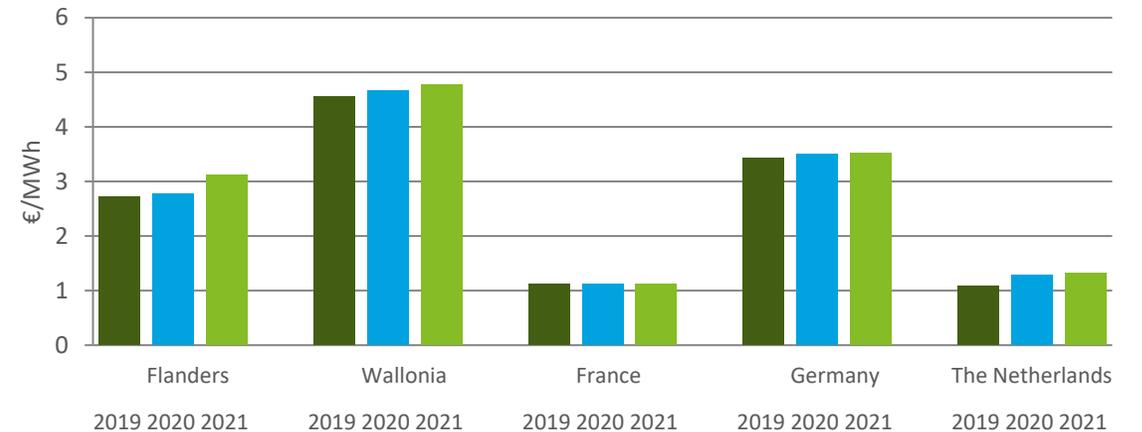
Electricity taxes for peak load profiles (100 GWh)



Electricity Taxes – 2021 – Peak load profile



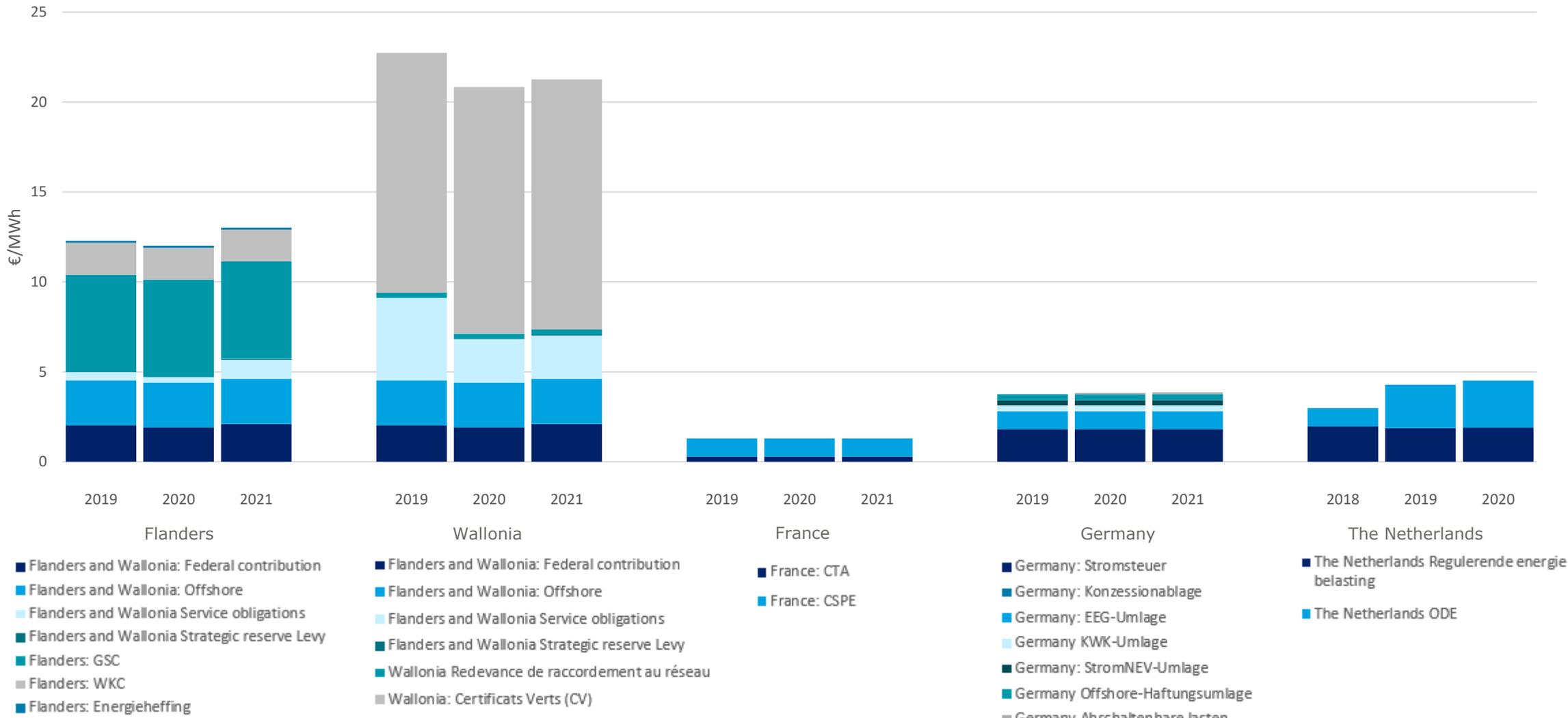
Electricity taxes for peak load profiles (1000 GWh)



Comparative overview of electricity taxes

Peak load profile (100 GWh)

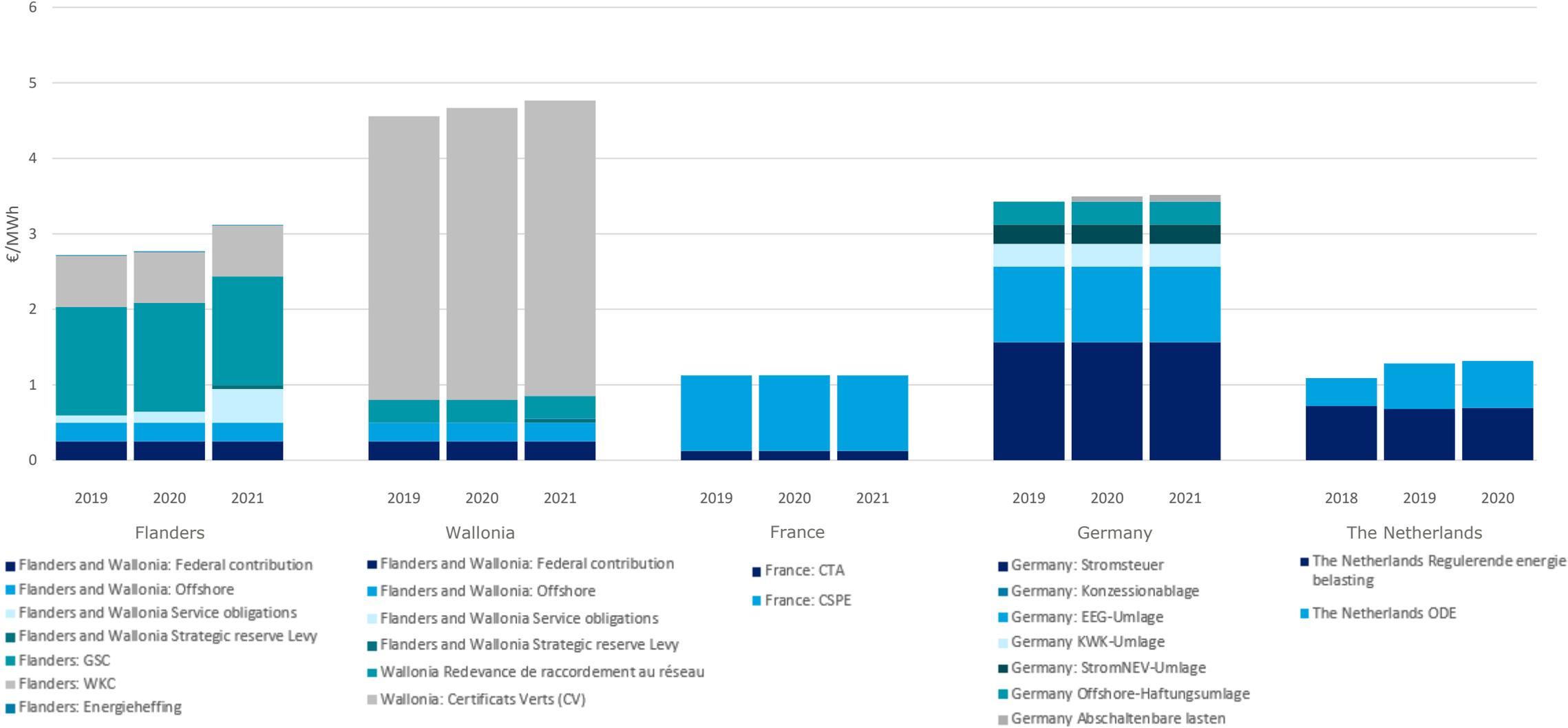
Detailed overview electricity taxes for peak load profiles (100 GWh)



Comparative overview of electricity taxes

Peak load profile (1000 GWh)

Detailed overview electricity taxes for peak load profiles (1000 GWh)



Appendices

Benchmark methodology

Market prices

The market prices used are based solely on publicly available data and have been consistently calculated in accordance with the following assumptions, validated and approved by Febeliec.

Use of market quotations:

- Market prices are calculated on a combination of spot and forward market prices whereby prices for Year N are determined as follows:
 - 50% of the commodity price is determined as the average of the (end of day) market prices for year ahead forwards over the period 1/1/N-1 to 31/12/N-1.
 - 35% of the commodity price is determined as the average of the (end of day) market prices for month ahead forwards over the period 1/12/N-1 to 30/11/N.
 - 15% of the commodity price is determined as the average of the (end of) day ahead spot price for the period 31/12/N-1 to 30/12/N.
- For 2021, the day-ahead and month-ahead components are based on available market data until 14/02/2021. It is assumed that the day-ahead and month-ahead components throughout the rest of the year equal the average value of the period 01/01/2021 – 14/02/2021. For the previous years, all available market data has been included in the model.

Benchmark methodology

Market prices

The following sources for market prices were used for the different jurisdictions:

- All baseload and peak load market prices (day-ahead, month-ahead and year-ahead) are sourced from EnergyMarketPrice (www.energymarketprice.com).
- For Flanders and Wallonia, as no peak load future prices are available for delivery on the Belgian market, a proxy is used consisting of the adjusted average of future prices for delivery on the Dutch and French market. The adjustment consists of a factor representing the relation between forward baseload prices in Belgium compared to the respective forward baseload prices in France and the Netherlands.

Benchmark methodology

Market prices

Use of regulated prices in France

- Industrial consumers in France have access to regulated wholesale electricity prices for their baseload consumption volumes (with a max threshold). In practice this means that the percentage of the power that can be sourced at such regulated tariffs heavily depends on the consumption profile of the consumer. Full baseload profiles will benefit the most. For peak load profiles, the benefit is rather limited.
- In 2019, 2020 and 2021, these applicable regulated rates (based on “la Nouvelle Organisation du marché de l’électricité (La Loi NOME) and “L’Accès Régulé à l’Électricité Nucléaire Historique” (La Loi ARENH) have been used in the model, as market prices increased above regulated ARENH rates.
- As a result, for 2019, 2020 and 2021, market prices in France have been determined using the following combination of regulated and market prices:
 - For a baseload profile: 95% ARENH rates and 5% market quotations
 - For a peak load profile: 15% ARENH rates and 85% market quotations
- ARENH rates amount to 42 EUR/MWh for 2019, 2020 and 2021. In this study an increase of 0,5 EUR/MWh is added as a margin for the supplier.
- Market prices are determined as described in the previous page.

Benchmark methodology

Network costs

General

- Network costs relate to the regulated tariffs applied by the transmission grid operators (TSOs) for the transport of electricity over the transmission network. In order to determine benchmark rates, the following assumptions have been included as validated and approved by Febeliec:
 - Industrial consumers have a connection with ≥ 70 KV (no connection to the distribution network);
 - Consumers which consume less than 200 GWh/year are assumed to be connected to the 70 kV grid in Belgium or equivalent in the neighboring countries.
 - Consumers which consume more than 200 GWh/year are assumed to be connected to the 150 kV grid in Belgium or equivalent in the neighboring countries.
 - This is in line with the real connection level of most Febeliec members.
 - The subscribed capacity of the connection point was determined by adding a 10% contingency to the theoretical peak power levels;
 - The total energy taken off the grid on a yearly basis.
- It is assumed that no power peaks occur in the consumption profile, nor on a yearly, nor on a monthly basis. Consumption profiles which do show peaks, have to pay additional network costs for this in Belgium.
- Only fixed connection costs are included for one meter per access point. No additional fee or one-off costs are included for connection equipment (e.g. transformers, switches, ...).
- No additional costs are taken into account for excessive consumption of reactive energy, nor for exceeding the subscribed power.
- Peak hours are assumed to exist 5 days/week, 12 hours/day.
- No seasonal rates are applied.

Benchmark methodology

Network costs

Belgium

- For Belgium (where network losses are billed by the suppliers), a fee equal to 1,1% of the market price is added to the network tariff in order to ensure comparable rates with other countries in scope where network losses are part of the network tariff.

Germany

- For Germany the average of the rates of all 4 TSO's active on the German territory are used.
- For Germany it is assumed that the full discount of 90% applies on the network costs.
 - Exemption criterion is that the annual consumption ≥ 10 GWh and that the threshold of 8000 consumption hours is exceeded.

France

- The reduction in grid tariffs in France for certain energy intensive baseload consumers is included in the benchmark study for 2019, 2020 and 2021. For all years, the maximum reduction of 90% was assumed.
 - Exemption criterion is that the consumer is a baseload consumer (> 7000 consumption hours AND annual consumption > 10 GWh) OR (use rate during off-peak hours $> 44\%$ AND annual consumption > 20 GWh) OR (use rate during off-peak hours $> 40\%$ AND annual consumption > 500 GWh)) and specific energy consumption > 6 kWh/€ added value and exposure to international competition $> 25\%$.

Netherlands

- For the Netherlands it is assumed that the full discount of 90% applies on the network costs.
 - Exemption criterion is that the annual consumption ≥ 50 GWh and that the threshold of 7446 consumption hours is exceeded.

Benchmark methodology

Electricity taxes (1/3)

Electricity taxes relate to all taxes and other levies that are to be paid by the industrial electricity consumer in addition to market price and network costs. In order to determine benchmark rates, the following assumptions, which were validated and approved by Febeliec, have been included:

- VAT is not applied as it is not considered to be a cost element for these industrial consumers.
- For Flanders we assumed that 93% of the theoretical cost of green certificates (e.g. electricity produced by renewable solar power and cogeneration plants) is charged through by the supplier to the industrial consumer.
- For Wallonia, a partial (85%) exemption from the first component of the Walloon green certificates levy is granted to the final customers with a sector agreement, regardless of the level of consumption. These final customers pay on these exonerated volumes the second component of the Walloon green certificates levy. As of 01/01/2020, the second component of the Walloon green certificates levy is no longer applicable. Discussions with regards to the introduction of a third component were started in 2020, without however any final decision taken. If such third component would enter into force in the course of 2021, this will influence the total electricity taxes in the Walloon Region.
- For Flanders and Wallonia regional service obligations are due on the 30-70 kV network (and not on 150 kV).
- The Energy Fund Contribution, which was introduced in Flanders as from 2016 is only applicable up to 70 kV and not on 150 kV grids.

Benchmark methodology

Electricity taxes (2/3)

- For the CSPE (Contribution au Service Public de l'Électricité) in France, we assume that all companies are electro-intensive and exposed to international competition and carbon leakage and thus pay a tariff of 1€/MWh. Please note that this tariff can be lower for hyper-electro-intensive companies (down to 0,5€/MWh) or (much) higher for non-exposed or non-electro-intensive companies (up to 7,5€/MWh).
- Criteria to be eligible for a 1€/MWh rate are:
 - CSPE (in its standard rate) is at least 0,5% of the added value created by the consumers
 - Consumer has an important risk for carbon leakage due to indirect emission costs
 - Electric consumption is at least 3 kWh per € of added value created by the consumers

Benchmark methodology

Electricity taxes (3/3)

- For the Netherlands it is assumed that an '*Energie akkoord*' is signed.
- For Germany we assumed that:
 - A reduced EEG-Umlage applies with a floor of 1 EUR/MWh (i.e. consumer qualifies as electricity intensive)
 - Exemption criterion is that the ratio of electricity costs to gross value added at factor costs amounts to 17% or 20%, depending on the sector in which the consumer has its activities
 - A reduced KWK-Umlage of 0,3€/MWh applies for the consumption beyond 1000 MWh
 - Exemption criterion is that annual consumption >100 MWh and that the ratio electricity cost versus revenue > 4%
 - A reduced StromNEV-Umlage of 0,25€/MWh applies for the consumption beyond 1000 MWh
 - Exemption criterion is that that the ratio electricity cost versus revenue > 4%
 - A reduced Offshore-Umlage of 0,3€/MWh applies for the consumption beyond 1000MWh
 - Exemption criterion is that that the ratio electricity cost versus revenue > 4%
 - That the reduced tariff for the Konzessionabgabe is not considered as it is only applicable for Mittelspannung

Components of Electricity taxes (1/4)

Flanders

In Flanders the following federal and regional taxes and levies are currently applicable:

- The federal contribution which raises money to:
 - Cover the costs related to the CREG (Belgian regulator for energy market)
 - Fund the decommissioning of the Mol-Dessel nuclear site
 - Support policies to reduce greenhouse gases in line with Kyoto
 - Fund public service obligations related to energy deliveries to financially vulnerable consumers
 - Fund a heating premium for an allowance to eligible consumers
- Federal offshore wind contributions (cable and certificates)
- Regional contribution to purchase Green (GSC) and Cogen (WKK) certificates at guaranteed minimum prices
- Regional public service contributions including:
 - Tax on pylons and trenches
 - Levy for the support of renewable energy
- Federal levy for holding and maintaining a strategic reserve capacity
- Regional energy tax, which is mainly used for financing of the green certificates

Components of Electricity taxes (2/4)

Wallonia

In Wallonia the following federal and regional taxes and levies are currently applicable :

- The federal contribution which raises money to:
 - Cover the costs related to the CREG (Belgian regulator for energy market)
 - Fund the decommissioning of the Mol-Dessel nuclear site
 - Support policies to reduce greenhouse gases in line with Kyoto
 - Fund public service obligations related to energy deliveries to financially vulnerable consumers
 - Fund a heating premium for an allowance to eligible consumers
- Federal offshore wind contribution (cable and certificates)
- Regional contribution to purchase Green certificates (CV)
- Regional contribution to connect to the transport system (Redevance de raccordement au réseau)
- Regional public service contributions:
 - Tax for the use of public property in Wallonia
 - Levy for the support of renewable energy, including the first term (85% reduction assumed to be applicable)
- Federal levy for holding and maintaining a strategic generation capacity

Components of Electricity taxes (3/4)

France

In France the following federal and regional taxes and levies are identified:

- CTA: the "Contribution Tarifaire d'Acheminement". This contribution depends on the network costs. As the network costs depend on the type of profile, this contribution is different for baseload and peak load profiles. It is the only component of the taxes that depends on the type of profile.
- CSPE: the "Contribution au Service Public de l'Electricité" has to cover the costs of the public service assignments (development of renewable power generation, of the social electricity tariffs and of the nationwide harmonization of electricity tariffs).
- As from 01/01/2016, the TICFE ("Taxe intérieure sur la consommation finale d'électricité") has been integrated in the CSPE.

Components of Electricity taxes (4/4)

Germany

In Germany the following federal and regional taxes and levies are identified:

- Stromsteuer: general tax on energy consumption.
- Konzessionablage consists of a concession fee to local authorities (communes) that is due for low and medium voltage connections.
- EEG-Umlage intends to increase the market penetration of electricity produced from renewable energy in accordance with the Renewable Energy Act .
- KWK-Umlage intends to promote electricity produced from combined heat and power (CHP) plants, according to the Combined Heat and Power Act.
- StromNEV-Umlage: electricity grid charge compensating the lost revenue from TSOs that need to apply the grid fee exemptions.
- Offshore-Haftungsumlage finances the costs relating to Germany's shift from nuclear to green energies.
- Umlage abschaltbaren Lasten: tax levied for the cost related to interruptibility payments. Exceptionally, no tax was levied in 2016.

The Netherlands

In the Netherlands the following federal and regional taxes and levies are identified:

- The Regulerende Energie Belasting (REB) is a tax which intends to improve the rational use of energy.
- The ODE tax (Wet Opslag Duurzame Energie) is a tax that is intended to finance the support for the production of renewable energy.

Compensation for indirect emissions

Impact on electricity costs

The countries/regions in scope of the study, Germany, the Netherlands, Flanders and France have introduced a compensation scheme for carbon leakage activities, and Wallonia decided to follow suit as from 2019. The approved schemes need clearance from the European Commission and have to satisfy a certain number of strict criteria. Although the compensation mechanisms in these countries converge largely, it is not possible to calculate the specific impact on the electricity cost for the defined consumer profiles without further and very detailed assumptions. The impact is therefore not included in the results of the benchmarking study.

For those activities that can benefit from the compensation, the support depends on the CO₂ emission factor (currently 0,76 tonne CO₂/MWh in CWE), the average EUA (European Emission Allowances) price in €/t for the previous year, the efficiency benchmark for each concerned product (or a fallback efficiency benchmark if no specific product benchmark is available) and correction values for the support intensity (75% for 2021) and the production volume.

For the Walloon region, the effective compensation is lower as a cap is applied on the overall available budget.

Supercap Flanders

Impact on electricity costs

In compliance with §189 of the Guidelines on State aid for environmental protection and energy (EEAG, 2014/C 200/01), Flanders allows an alternative financing mechanism (“supercap”) for certain electricity intensive consumers complying with strict criteria. Their contribution to the promotion of renewable energy (since 2018) and cogeneration (since 2021) is limited to 4 or 0,5% of their gross added value. The last few years, some 20 companies or industrial sites of different sizes were allowed to apply this system. Some neighbour countries introduced other specific rulings for the most electricity intensive users.



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