

# Green taxes: the fiscal engine influencing corporate sustainability strategies

As governments worldwide commit to reducing emissions and reducing environmental impacts, they are increasingly turning to fiscal policies to incentivize progress toward these goals. These taxes are designed not only to discourage environmentally harmful practices, but also to generate revenue that can be reinvested into sustainable initiatives and policy objectives.

The landscape of green taxes is both diverse and rapidly evolving, reflecting the unique environmental priorities and economic conditions of each jurisdiction. This diversity presents a significant challenge for businesses operating across multiple regions, as they must navigate a complex and ever-changing array of tax incentives, penalties, and reporting obligations.

As the green tax landscape continues to expand and evolve, the tax function and its stakeholders in other functions such as finance, legal counsel, procurement, supply chain and others will play a crucial role in ensuring that their companies not only comply with new regulations but also leverage them to advance their sustainability goals and achieve net-zero and other environmental targets.

## Tax incentives

to encourage green behavior and innovation in green goods, processes and technology

## Tax costs

based on the "Polluter Pays principle" in which pollution costs are borne by the polluter and reflected in the prices of their goods and services

In the Green Tax Tracker Preview, EY teams offer a snapshot of carbon pricing regimes, green taxes and exemptions and sustainability incentives present in 68 jurisdictions, representing over 90% of global GDP.



## Want to get ahead of green tax changes?

In addition to this complementarily overview of green tax measures, the Green Tax Tracker subscription service offers three modules that you can customize to identify and monitor enacted measures and on-going developments in one tool.

## 1. Globally enacted measures

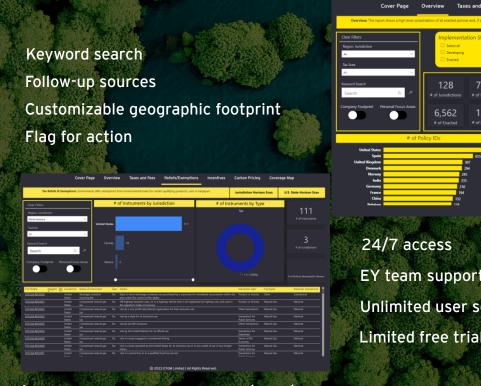
Delve into the descriptions, requirements, deadlines and more for each enacted global green tax measure.

### 2. Global horizon scanning

Monitor weekly updates on sustainability policy and proposed legislation in more than 120 jurisdictions.

### 3. US state horizon scanning

Track green tax legislation across all 50 states, review bill summaries, key subjects, legislative body status, sponsor and more.



EY team support Unlimited user seats Limited free trial available

Learn more or request a demo: www.ey.com/GTTdemo



## Staying on top of green tax policy

## Carbon pricing regimes

- Carbon taxes
- Emissions Trading Systems
- Carbon Border Adjustment Mechanisms (CBAMs)
- Carbon credit trading

## Sustainability incentives

- 1,300+ measures to reduce consumption
- 900+ measures to encourage switching to alternative or renewable resources
- 220+ measures to encourage innovation

## Green taxes

- Energy and fuel
- Water consumption
- Pollution air, chemical, soil and water
- Plastic and packaging
- Waste and circular economy
- Other green tax measures

## Tax exemptions

- Energy and fuel
- Water consumption
- Pollution air, chemical, soil and water
- Plastic and packaging
- Waste and circular economy

3,000+

Green taxes and exemptions

2,000+

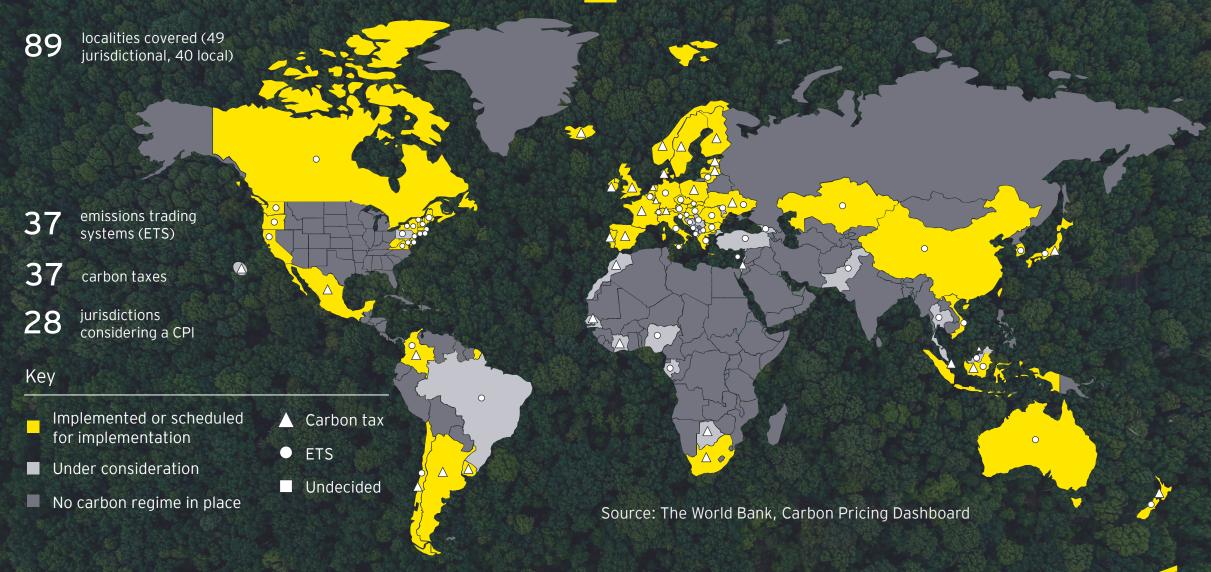
Sustainability incentives

70+

Carbon regimes



## 74 carbon pricing initiatives (CPIs)



## 3,000+ Green taxes

Governments use green taxes as a source of revenue, and also as an instrument of environmental policy. Taxes are imposed on a variety of products, services and processes to encourage or discourage consumption.

Similarly, governments offer exemptions from taxes for certain qualifying products, uses or taxpayers.

The Green Tax Tracker includes over 1,100 tax exemptions.

### Energy

- Conventional electricity
- Conventional fossil fuels
- Renewables and alternative fuels
- Natural gas

### Plastic/packaging

- Single-use plastic
- Plastic packaging
- Extended Producer Responsibility

### Pollution

- Emissions and air pollution
- Water and wastewater
- ▶ Soil
- Chemical

### Water

- Consumption
- Discharge

## Circular economy and waste

- General waste
- ▶ Landfill
- Reduction, recycling and return
- Electronics and E-waste

## 2,000+ Sustainability incentives

Sustainability incentives can generally be divided into three categories, those that encourage a reduction in natural resource consumption, those that encourage a switch to renewable or alternative energy sources, or those that encourage innovation of new low-carbon products and manufacturing processes.

Many programs containing multiple elements and are a mix of the three categories. Tax credits, grants and loans are frequently used measures.

## Conventional energy

- Energy-efficient manufacturing
- Energy-efficient buildings
- On-site generation
- Natural gas

## Renewable and alternative energy

- Sustainability R&D
- Electric vehicles (EVs) and infrastructure
- Carbon capture use or storage
- Renewables and alternative fuels
- Green jobs/training

### Pollution

- Emission reduction
- Conservation
- Investments in new technology

### Water

- Use reduction
- Recycling

## Circular economy and waste

- Reduction, recycling and return
- Reporting funding

## Plastic/packaging

- Use reduction
- Plastic innovation



Argentina Australia Austria

<u>Bangladesh</u>

<u>Belgium</u>

Botswana

<u>Brazil</u>

Cambodia

Canada

Chile

China Mainland

Colombia

Cyprus

Czech Republic

Denmark

Egypt Ethiopia

European Union

Finland

<u>France</u>

Gabon

Germany

Ghana

Greece

Hong Kong

India

Indonesia

Ireland

Italy

**Ivory Coast** 

Japan

Kenya

Lithuania

Luxembourg

<u>Malawi</u>

Malaysia

Malta

Mexico

Namibia

The Netherlands

New Zealand

Nigeria

Norway

<u>Oman</u>

Peru

The Philippines

Poland

<u>Portugal</u>

Romania

Singapore

Slovakia

South Africa

South Korea

Spain

Sri Lanka

Sweden

Switzerland

Taiwan

Tanzania

**Thailand** 

Türkiye

<u>Uganda</u>

**United Arab Emirates** 

**United Kingdom** 

**United States** 

Venezuela

Vietnam

Zambia

## 68 Jurisdictions covered

The information offered for each jurisdiction represents the best understanding of EY professionals in that jurisdiction. It is high-level and subject to change. This document is updated on an ongoing basis but not all entries will be up to date at a given moment. In addition, not all jurisdictions are reflected in this document. Please contact your EY engagement team or the listed jurisdiction contact for more information.



	Car	bon prio	ing	Environmental taxes						Tax	exempt	ions		Incentives						
Note: Yellow fill indicates the presence of an item at the jurisdictional or local level.	ETS	Carbon tax	СВАМ	Energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste	Energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste	Conventional energy	Renewable/ alternative energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste	
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<u>Bangladesh</u>						•	•	<b>•</b>	<b>•</b>		•		<b>•</b>							
<u>Belgium</u>	•		•	•	•	•	•	<b>*</b>	<b>+</b>			•		•	•		•	•	•	
<u>Botswana</u>																•		•		
<u>Brazil</u>	•	•		•		•					<b>+</b>	•	***	•	•	•	•	•		
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Czech Republic	<b>•</b>		<b>•</b>	•	<b>•</b>	•		<b>•</b>	•			•		•	•		•	•	•	

	Environmental taxes						Tax	exempt	ions		Incentives								
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Finland	•	•	•	•	•	•	•	<b>*</b>	<b>*</b>		•	•	•		<b>+</b>		•		•
France	<b>•</b>	<b>*</b>	<b>•</b>	•	•	<b>*</b>	•	<b>•</b>	<b>*</b>						•		•		•
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	Carbon pricing			Environmental taxes						Tax	ions		Incentives						
Note: Yellow fill indicates the presence of an item at the jurisdictional or local level.	ETS	Carbon tax	СВАМ	Energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste	Energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste	Conventional energy	Renewable/ alternative energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste
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<u>Lithuania</u>	•		•	•	•	•	•	<b>*</b>	<b>+</b>	<b>•</b>	•		•	•	•	•	•	•	•
Luxembourg	•	<b>•</b>	<b>+</b>	<b>+</b>	•	•			<b>*</b>				•	<b>+</b>	•				
<u>Malawi</u>				<b>*</b>											•				
<u>Malaysia</u>	<b>*</b>			<b>+</b>	•			<b>+</b>						•	•		•	•	•
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<u>Mexico</u>	<b>•</b>	•		<b>+</b>		•								•	•		•	•	•
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<u>Netherlands</u>	<b>•</b>	<b>•</b>	<b>•</b>	<b>+</b>	<b>•</b>	<b>•</b>	<b>*</b>	<b>\( \rightarrow \)</b>	<b>\</b>	<b>\( \big </b>		<b>\</b>	<b>\( \big </b>	<b>\( \)</b>	<b>\</b>	<b>•</b>	<b>\( \)</b>	<b>•</b>	<b>+</b>
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<u>Nigeria</u>														<b>+</b>	<b>+</b>		•		

Tax exemptions Carbon pricing **Environmental taxes Incentives** Note: Yellow fill Conventional energy indicates the Renewable/ alternative energy Carbon tax Plastic/ packaging Plastic/ packaging Plastic/ packaging Circular economy/ waste Circular economy/ waste presence of an item Circular economy/ waste Pollution Pollution Pollution at the jurisdictional Energy Energy CBAM Water Water Water or local level. ETS Norway Oman Peru The Philippines Poland Portugal Romania Singapore Slovakia South Africa South Korea **Spain** Sri Lanka Sweden

	Car	bon pric	ing	Environmental taxes						Tax	ions		Incentives						
Note: Yellow fill indicates the presence of an item at the jurisdictional or local level.	ETS	Carbon tax	СВАМ	Energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste	Energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste	Conventional energy	Renewable/ alternative energy	Plastic/ packaging	Pollution	Water	Circular economy/ waste
Switzerland	<b>*</b>		•	<b>*</b>		•		•	<b>+</b>					•	•				
<u>Taiwan</u>	<b>•</b>			46		•									<b>•</b>		•	•	+
<u>Tanzania</u>				B					•					<b>•</b>	•			•	
<u>Thailand</u>				<b>•</b>		<b>•</b>			•			<b>•</b>	•	<b>•</b>	<b>•</b>				•
<u>Türkiye</u>				•	•	•		<b>*</b>		•			•	•	<b>+</b> 65				
<u>Uganda</u>															•				
<u>UAE</u>				•	•		•	•	936										
<u>United Kingdom</u>	<b>•</b>			<b>+</b>	•	<b>*</b>		•	•		<b>*</b>		<b>•</b>	•	•		•		•
<u>United States</u>	<b>*</b>	<b>*</b> *		<b>*</b>	<b>*</b>	<b>*</b>	•	•	•	•	•	•	•	•	•	•	•	•	•
<u>Venezuela</u>																			
<u>Vietnam</u>	•			•	•	•	•	•						•	•		•		
<u>Zambia</u>				<b>+</b>		<b>*</b>									<b>*</b>				<b>\</b>

<sup>\*</sup> At local level only

## Argentina

Sustainability tax incentives have been in place for over 15 years in Argentina, and a national carbon tax was implemented in 2018, but the country's holistic approach to environmental tax policy is still emerging.

The national carbon tax - estimated to cover 20% of the country's greenhouse gas emissions - is the top focus area of environmental tax policy.

Argentina also has several incentive programs to promote technological development, renewable energy and biofuel utilization, wind and solar energy generation, and investment in forestry projects.

Current as of: 1 July 2024

## **Enacted measures**

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Carbon pricing

ETS

Carbon tax

CBAM

## **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contacts

Gustavo Scravaglieri Ariel Becher



## Australia

Australia's Labor Federal government has legislated a target of net zero emissions by 2050, and a 43% reduction over 2005 levels by 2030. Instead of placing a moratorium on new oil and gas projects, the safeguard mechanism will continue to apply to the 215 entities that currently emit more than 100,000 tons of  $\rm CO_2$  a year. A revised mechanism to apply from 2023-24 will require those entities to reduce aggregate emissions by 5m tons a year to collectively achieve net-zero emissions by 2050.

There is a national excise tax on petrol, diesel and other fuels such as liquefied petroleum gas or ethanol. Additionally, there are multiple state and territory levies, charges and fines on pollution. Initially, individual states applied user charges on zero and low-emission vehicles at purchase, but programs are emerging on the federal level, including a limited fringe benefits tax exemption and customs duty relief.

The Federal budget in May 2024 featured a raft of new green incentives, including the Future Made in Australia Act, which includes \$22.7 billion of funding over ten years available for public sector investment across renewable energy, value-add in resources and clean manufacturing. There are additional measures available to promote solar and battery manufacturing, critical minerals processing, green hydrogen and green steel production.

The Australian government continues its consultation on Australia Carbon Leakage, including development of policy options to address carbon leakage together with assessment of the feasibility of an Australian Carbon Border Adjustment Mechanism, particularly in relation to steel and cement.

Current as of: 11 July 2024

## **Enacted measures**

### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Carbon pricing

**ETS** 

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Contacts

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Laurence Osen
Simon Whyte



## Austria

Sustainability tax policies are well established in Austria, for example, the fuel tax can be traced back to the first half of the 20th century. Further sustainability tax programs are expected in the future. The most significant measures are on a national level, however, there are also measures at a local level. Energy taxes (fuel taxes, electricity tax) have been a focus in recent years.

A new carbon tax, by way of national emission certificate trading, became effective 1 October 2022. National emissions trading started with a fixed price phase. The initial value for the emission of one ton of carbon dioxide is €30; this value increases to €35 as of 2023, to €45 as of 2024 and to €55 as of 2025. Trading participants placing on the market sources of energy such as mineral oil, fuels, gas or coal are obligated to acquire national emission certificates.

Current as of: 1 July 2024

## **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax Plastic/packaging CBAM Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Markus Schragl

Sebastian Koch



## Bangladesh

Sustainability tax programs are not yet fully established in Bangladesh; however, the national government has taken steps to establish a green tax on polluting industries.

There are no sustainability-focused incentives.

As Bangladesh is one of the most vulnerable countries to the impacts of climate change, sustainability tax measures play a crucial role in promoting environmentally sustainable practices and reducing the impact of human activities on the environment. The government has a strong commitment to promoting environmentally sustainable practices and is actively working on additional measures. The top focus areas are the green tax, waste management and carbon taxes.

Current as of: 26 June 2024

## **Enacted measures**

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Carbon pricing

**ETS** 

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste



## Environmental taxes

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste



### Contacts

Rakesh Saha Muhammad Abu Hanif



## Belgium

Belgium's sustainability tax programs are well-established and wide ranging, including implementation of EU-level environmental legislation and policy. Most measures are at the local level, due to the federal nature of Belgium. Environmental regulation and policy sit with the regions (Brussels Region, Flanders Region, Wallonia Region), with each having their own parliaments and regional waste and environmental agencies.

Belgium has relatively high fuel taxes on consumer fuels and a very high recycling rate, in part due to the early introduction of landfill bans and high landfill taxes and charges. Linked to this, Belgium has a relatively successful extended producer responsibility (EPR) system for both household and industrial packaging. Belgium is often cited as a European leader in terms of recycling and EPR.

There is a political impetus - combined with strong consumer and citizen support - for further or stricter environmental taxes, regulations and policies, going forward.

Current as of: 26 June 2024

## **Enacted measures** Sustainability incentives Carbon pricing Conventional energy **ETS** Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Philippe Lesage Maarten Vandewaerde

Sofie Van Doninck



## Botswana

Sustainability tax programs in Botswana are still emerging. The government has introduced various incentives for sustainability activities.

Botswana currently has water use reduction projects in place, aiming to reduce water loss during transmission through investments into telemetric monitoring systems.

Additionally, in an attempt to mitigate the use of plastic bags, Botswana has banned the use of bags with less than a stipulated minimum thickness, and the government has attempted to introduce a plastic bag levy.

Current as of: March 2023

## **Enacted measures**

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Carbon pricing

ETS

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contacts

Cleverent Mhandu Duane Newman



## Brazil

Sustainability tax programs are still emerging in Brazil. However, some general incentives focused on infrastructure and innovation often apply to sustainable projects.

Carbon taxes and an ETS are currently under analysis by the Brazilian government, with no set date for new rules. The government is carrying out a study for economic impact, and ETS simulations with three top Brazil companies. Some states, such as São Paulo and Rio de Janeiro, are assessing the possibility of ETS programs on a state level.

The RenovaBio program establishes mandatory goals for the reduction of GHG emissions by avoiding the use of fossil fuels. The system basically allows for the certification of biofuels and creates a decarbonization credit that combines the emissions reduction targets and the live cycle assessment of each biofuel producer.

Significant tax changes have been proposed, including the replacement of taxes: ISS, ICMS, IPI, PIS and COFINS by IBS and CBS. A new "selective tax" has been proposed that will be imposed on the production, marketing or import of goods and services harmful to health or the environment.

Current as of: 27 June 2024

## **Enacted measures**

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Energy

Pollution

Water

Circular economy/waste

Plastic/packaging

Tax exemptions

Circular economy/waste

### Carbon pricing

**ETS** 

Carbon tax

CBAM

## **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contacts

Waine Peron, Erica Perin, Ricardo F Costa, Andre Lima



## Cambodia

Sustainability measures are still emerging in Cambodia. There are currently no carbon taxes, plastics taxes or other green taxes.

There are no specific green incentives, however, investment in environmental management and protection, biodiversity conservation, the circular economy, green energy and technology contributing to climate change adaptation and mitigation may be approved as a Qualified Investment Project (QIP). The current investment incentives for a QIP include import/export duty exemptions, corporate income tax exemptions, special depreciation and R&D deductions.

Current as of: 26 July 2024

## **Enacted measures**

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Carbon pricing

ETS

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contact

Reangsey Touch





## Canada

Canada's sustainability tax programs at both the federal and provincial levels have been in place for several years and continue to evolve. Over time, the two levels have worked together to harmonize the application of environmental regulations, including water, air, land and environmental assessment.

In 2016, Canada adopted the Pan-Canadian Framework (PCF) which focused on pricing carbon pollution, complementary actions to reduce emissions economywide, adaptation and climate resilience, and clean technology, innovation and jobs.

There are currently federal sustainability funding programs, federal accelerated depreciation for qualifying clean energy investments and several provincial sustainability programs, most taking the form of grants or rebates.

Canada established a carbon pricing framework in 2018. Flexibility was provided to provinces and territories to establish their own pricing plans with a federal backstop implemented if a local plan did not meet federal standards.

Current as of: 9 July 2024

## **Enacted measures**

### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Carbon pricing

**ETS** 

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contact

Dharmesh Gandhi



## Chile

Chile started a sustainability plan to transition away from coal-fired plants in response to the Paris Agreement in 2015. However, sustainability tax programs are still emerging and are generally promoted at the national level. The top focus areas are green taxes on discharged pollution of particulate matter,  $NO_x$ ,  $SO_2$  and  $CO_2$  and fuel taxes.

Chile has a strong and legal commitment to achieving carbon neutrality by 2050 and the government is actively working on additional measures. In June 2022, the Congress approved the Climate Change Act of Chile that seeks to promote climate action by proclaiming the fight against this phenomenon and including carbon neutrality as one of its state policies, establishing a legal commitment in achieving carbon neutrality by 2050.

There are proposals released by the President, but not formally submitted for discussion at Congress, involving modifications to green taxes and incorporating other corrective taxes in Chile (i.e., plastic tax, fuel tax changes, increase in green taxes, among others). No formal bills have been submitted as of July 2024.

Current as of: 25 July 2024

## Enacted measures

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Carbon pricing

**ETS** 

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contacts

Alicia Dominguez Varas Victor Fenner Matias Moroso Velasco



## China Mainland

China Mainland has long established, but still evolving, sustainability tax programs. At the national level, there are three environmental protection focus areas: pollution reduction, greenhouse gas reduction and resource conservation. There are multiple tax incentives that address the three focus areas and utilize different mechanisms, including reduced corporate income tax rates for certain enterprises or for certain revenue sources, increased VAT refunds or tax exemptions.

For pollution reduction, China Mainland launched the Environmental Protection Tax (EPT), which is levied on the emission of four categories of pollutants, namely gas, water, solid wastes, as well as noises. The EPT was launched in 2018, but in fact replaced the long existing Pollutants Discharge Fee, which was levied on basically the same classes of pollutants.

For greenhouse gas reduction, a carbon emission trading system was recently established, and there is discussion regarding a carbon tax to help China Mainland achieve its carbon goals of reaching carbon peak by 2030 and carbon neutrality by 2060.

Current as of: 26 June 2024

## **Enacted measures**

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Carbon pricing

ETS

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

Pollution

### **Environmental taxes**

Energy

Plastic/packaging

Water

Circular economy/waste

### Contacts

Andrea Yue, Derrick Chen, Andy SY Leung, Alan Lan, Yao Lu, Shirley Yong



## Colombia

Green tax programs are still emerging in Colombia, with most existing measures occurring at the national level, such as the carbon tax and the plastic bag consumption tax.

In addition to taxes, there are favorable tax benefits for environment-friendly investments, such as energy efficiency investments, unconventional sources of energy investments and environmental control investments.

A tax reform bill was enacted in November 2022 that includes a national tax on single-use plastic products used to wrap, pack or package goods, a tax on exports of crude oil and coal and the inclusion of coal within the national carbon tax.

**Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Margarita Salas Catalina Sandoval

Josep M. Albert

Current as of: 16 July 2024



## Cyprus

Currently, the only sustainability tax program in Cyprus is the Tonnage Tax Reduction of up to 30% for each marine vessel which demonstrates proactive measures to reduce its environmental impact.

More sustainability tax programs could emerge as part of the Cyprus Recovery and Resilience Plan. The aim is to promote a more efficient use of environmental resources, reduced greenhouse gas emissions and increase the availability of renewable energy.

According to a study completed under EU DG Reform, new green taxes expected for Parliamentary approval include: i) carbon tax on top of excise duty, ii) carbon tax for industries, iii) water pricing, iv) manure tax, v) landfill tax, vi) tourism tax and vii) mandatory "Pay as you throw".

A bill is also subject to Parliamentary approval providing for increased deduction for capital expenditure (incurred between 2023-25) on the improvement of energy efficiency of buildings, renewable energy systems, batteries and electric vehicles.

Current as of: 26 June 2024

## **Enacted measures**

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

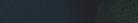
Circular economy/waste

### Carbon pricing

ETS

Carbon tax

CBAM



## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contacts

Simos Simou Ioanna Drousioti



## Czech Republic

Some sustainability tax measures are well established in the Czech Republic, but new programs are emerging to reflect EU legislation. Most measures are at the national level. Environmental taxes are administered by the Customs Administration. Other fees are collected by organizations founded by the government.

Environmental taxes are focused on gas, coal and electricity, while excise duties are applied to fuels. Taxes are not levied on carbon emissions on the national level except for the participation in the EU ETS.

There are several sustainability incentives available, including subsidies for water conservation, energy conservation and emobility (such as electric or hydrogen vehicles and related technology).

Currently, there are no changes in environment tax law expected, except implementation of CBAM.

### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax Plastic/packaging CBAM Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts

Jakub Kašuba

Current as of: 26 June 2024

## Denmark

Sustainability tax programs are well established in Denmark and have existed for many years at the national level. There are several incentives that offer grants and rebates for investments in technologies or projects that lead to energy saving,  ${\rm CO_2}$  reduction or stimulation of the generation of sustainable energy.

The Denmark carbon tax applies to greenhouse gas emissions. The tax covers fossil fuels and waste.

**Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Anders Klinge Mick Jørgensen

Current as of: 1 July 2024

## Egypt

Sustainability measures are still emerging in Egypt. The "Egypt Vision 2030" is a long-term political, economic and social vision that aligns with the UN Sustainable Development Goals and includes a target to reduce energy sector emissions by 10% by 2030 compared to 2016 levels.

Egypt does not impose any sustainability-related taxes to date. Currently, the focus is on providing tax incentives to projects which promote clean energy and energy sustainability. The government announced certain sustainability-oriented initiatives such as a national strategy for promoting green hydrogen production during COP27. In August 2023, the Egyptian Cabinet announced a law to establish a national council for Green Hydrogen and its derivatives with the aim of stimulating direct investments (including direct foreign investments) into the field of green hydrogen.

In May 2023, the Egyptian Cabinet announced a proposed tax credit of 33% to 50% on profits derived from investments in green energy. However, no further announcements have been made.

Current as of: 1 July 2024

## **Enacted measures**

### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Carbon pricing

**ETS** 

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contacts

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Jeanine Daou



## Ethiopia

Sustainability taxes are emerging in Ethiopia.

There are no sustainability incentives or environmental taxes in effect currently, and the carbon tax under consideration relates to the transport sector in Addis Ababa only.

However, Ethiopia seems to be combating GHG emissions from the land sectors, such as those emissions caused by deforestation and forest degradation.

Current as of: October 2023

## **Enacted measures** Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

## Carbon pricing

ETS

Carbon tax

CBAM

\* Under consideration

## Environmental taxes

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contacts

**Duane Newman** 



## European Union

Sustainability tax programs in the EU are very well established and increasing with the European Green Deal, the EU's plan to make its economy sustainable. Some measures occur at the EU level, but the majority are implemented at the Member State (MS) level and execution may vary in every MS due to different energy mixes and economy structures. Other times, a measure taken on the EU level cascades down and is complemented by a similar measure adopted by the MS(s). For instance, the plastics tax imposed by the EU on the MS will, in most EU countries, be supplemented by an equivalent tax that they will in turn impose on their domestic manufacturers.

The most significant focus areas are the EU Emissions Trading Scheme (cap-and-trade program) and corresponding Carbon Border Adjustment Mechanism, for which the traditional reporting period began in October 2023. The circular economy and decarbonization incentives are also key focus areas.

The Green Deal Industrial Plan, released February 2023, includes incentives for Europe's net-zero industry and to support the fast transition to climate neutrality. The plan has four main pillars: simplified regulatory environment, funding, skills and trade.

Current as of: 26 June 2024

## **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste

### Contacts

Kasia Klaczynska Lewis

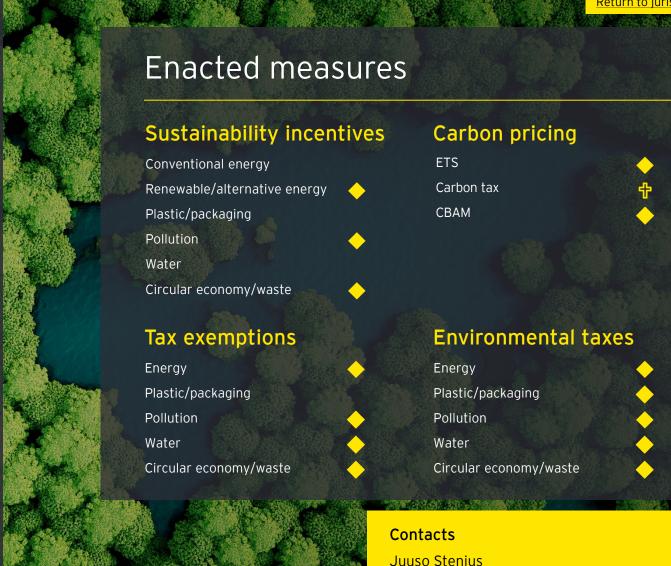


## Finland

Sustainability tax programs are well-established in Finland. There are many environmental taxes and fees in place, and changes to current or new excise duties are constantly under public discussion as a tool to achieve Finland's climate change policies. There are also various non-tax incentives and funding programs such as energy and investment aids available.

All energy and environmental taxes are in part harmonized on an EU level (energy taxation) or national level in Finland and measures are both in part harmonized on an EU level (energy taxation) and are national (e.g., waste tax, tax on beverage containers). There are also various environmental levies implemented on the local level for example, water drainage charges implemented by municipalities.

Finland is part of the EU ETS. There has been discussion of implementing a national emission trading system (mainly for fossil fuels used for transportation), but there is not yet any official proposal or valid political decision thereof.



Current as of: 11 July 2024

## France

Sustainability tax programs have existed in France, mostly at the national level, since the 1990s, but have expanded in recent years. France passed an important energy and climate law in 2019 that sets ambitious environmental goals, such as carbon neutrality by 2050 and a 40% reduction in fossil fuel consumption by 2030 compared to 2012.

The French environmental tax system is a behavior-based tax system, which means that it aims to change the behavior of companies and households by taxing the activities and products deemed to be the most harmful and by exempting the green economy. There are multiple taxes on energy consumption (e.g., TICFE, TICPE, TICGN) and transportation (e.g., Malus auto). Energy taxes also have a significant carbon component (i.e., taxe carbone).

There are multiple sustainability incentive programs, including income tax credits, accelerated depreciation and alternative funding. The French government recently introduced a tax credit for 25%-40% of a company's capital expenditures on wind and solar power facilities, heat pumps as well as batteries production.

Current as of: 25 July 2024

## **Enacted measures** Sustainability incentives Carbon pricing Conventional energy **ETS** Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Marguerite Trazska Nicolas Willmann



## Gabon

There are sustainability incentives in Gabon to encourage the switch to alternative fuel and renewable energy generation as well as innovating technologies for carbon capture.

No carbon pricing measures are currently in place. Gabon is creating a low-carbon development model.

Until 2030, the goal for Gabon is to save forestry (REDD+), energy and oil flaring and agriculture.

Gabon has so far received payments for reducing carbon emissions by the multi-donor UN-hosted Central African Forest Initiative (CAFI).

## Enacted measures

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Carbon pricing

ETS

Carbon tax

CBAM

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

### Contacts

Duane Newman

## Germany

German sustainability tax programs are well established, mostly at the national level, and more continue to emerge. Sustainability is a political focus in Germany and thus the environment is constantly evolving. There are program adjustments due to technological progress, other environmental needs and EU legislation.

There are multiple sustainability incentives available, including grants or rebates for the purchase of qualifying goods and reduced carbon taxes or taxes on fuels in certain qualifying situations.

There is a national ETS for fuels and several additional fuel and environmental taxes. The Single-Use Plastics levy must be paid by businesses who place a product in the market for the first time; with the first payment expected in 2025. Current government focus areas are carbon pricing, renewable energy and fuel taxes. Future possible developments include a (expanded) packaging levy, a plastic tax and change to EU and national ETS.

In May 2023, Germany's highest administrative court ruled that localities are generally allowed to levy a local tax on disposable packaging in their urban area. It is now possible for localities to introduce plastic taxes, as the city of Tübingen has done.

Current as of: 26 June 2024

## **Enacted measures** Sustainability incentives Carbon pricing Conventional energy **ETS** Renewable/alternative energy Carbon tax Plastic/packaging CBAM Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Richard Albert, Sebastian Helmes, Oliver

Wittig, Robert Böhm



## Ghana

No carbon pricing measures are currently in place in Ghana. However, Ghana did introduce an environmental tax on selected plastic sub-groups, where the effective environmental tax on plastic import is less than 10% of the import value to mitigate the use of plastic.

Additionally, there are sustainability incentives in place in this country, inter alia, for the efficient usage of energy and toward developing emissions reduction technologies.

## Enacted measures

## Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Carbon pricing

ETS

Carbon tax

CBAM

## **Environmental taxes**

Energy

Plastic/packaging

Pollution

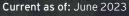
Water

Circular economy/waste



### Contacts

**Duane Newman** 





## Greece

There are several green measures applicable in Greece at the national level, however, tax sustainability policies are still emerging.

Greece participates in the EU ETS and the EU plastic tax. There are also other national plastic taxes and levies toward a circular economy, aiming to enhance the environmental awareness of both enterprises and consumers in Greece.

There are incentives for the development of e-mobility to encourage a reduction in fuel emissions by switching into more environmentally friendly vehicles, as well as incentives promoting the green transition and digital transformation of small and medium-sized enterprises.

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax Plastic/packaging CBAM Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contact Konstantina Galli

Current as of: 9 July 2024

# Hong Kong

The HKSAR government indicated that Hong Kong is making robust efforts to achieve carbon neutrality before 2050 and reduce its carbon emission by 50% before 2035, as compared with the level in 2005.

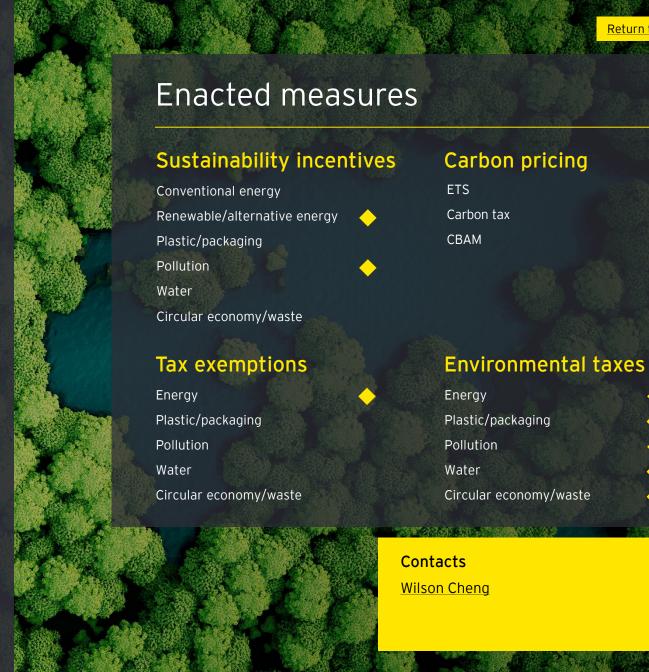
In February 2024, the HKSAR Government announced that it will promote the use of sustainable aviation fuel and will allocate HK\$65m in funding for ships attaining a high rating under international standards of decarbonization.

The government intends to examine various means to reduce carbon emissions. This includes exploring different types of zero-carbon energy and decarbonization technology, enhancing the energy efficiency of new and existing buildings, introducing more stringent energy efficiency standards, promoting zero-carbon vehicles and green transportation, building large-scale waste-to-energy facilities and publicly promoting low-carbon lifestyles. The HKSAR government will also develop green finance to boost investments in reducing carbon emissions and build a low-carbon economy which is more resilient to climate change.

The October 2022 launch of Core Climate by the HKEX for trading international voluntary carbon credits signifies a critical step toward a carbon marketplace in Hong Kong.

The Municipal Solid Waste Charging regime, originally planned to be implemented from 1 April 2024, has been deferred until further notice.

Current as of: 26 June 2024



## India

The power to levy tax is in hands of both Center and States in India. Both apply high taxes on non-environmentally friendly sources of energy such as petrol, high speed diesel, etc., and low taxes on environmentally friendly products such as EVs and ethanol. The government has incentives for use of green products, e.g., electric vehicle and scrapping old vehicles.

India does not have an explicit carbon tax. Under the Energy Conservation (Amendment) Act, 2022, the government notified the 'Carbon Trading Scheme' on 28th June 2023. The objective of this scheme is to reduce or remove or avoid the greenhouse gases emissions from the Indian economy by pricing the greenhouse gases emission through trading of the carbon credit certificates.

Production linked incentives announced by the government for select manufacturing sectors aim to incentivize domestic manufacturing of ACC batteries, solar panels and other qualifying activities. A Production Linked Incentive (PLI) scheme has been proposed to boost domestic manufacturing capabilities of the automobile industry, including electric and hydrogen fuel cell vehicles.

Current as of: 8 July 2024

# Enacted measures Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Circular economy/waste

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

Rajnish Gupta Shalini Mathur Uma Iye



## Indonesia

Green policies are still emerging in Indonesia with no measures currently implemented at the national or local level, though some investment tax incentives do apply to green investments.

The Indonesian government has stated intent to introduce a carbon tax. Under Indonesia's Law on Harmonization of Tax Regulation, carbon emissions having a negative impact on the environment will be subject to a minimum carbon tax. The carbon tax tariff is set at a minimum of IDR30.00 (thirty rupiah) per kilogram of  $CO_2$ e and is tied to the carbon market price.

To date, the carbon tax is not yet in effect, with the planned 1 April 2022 implementation postponed. Many key aspects of the carbon tax will not be known until implementing regulations are released. The government is planning to implement the carbon tax in two phases. The first phase of the carbon tax will apply to the power plant business sector and the second phase will apply to the transportation sector that uses fossil energy.

Current as of: 26 July 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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## Ireland

Ireland has a relatively long history of sustainability tax measures, mostly at the national level. Ireland was one of the first countries to introduce a plastic bag tax, which came into effect in 2002 and led to a 90% decrease in the use of plastic bags. A carbon tax was introduced in 2010. There are also several sustainability incentive programs. Measures are continuing to evolve and are steadily increasing in importance.

The Irish government has stated the goal of reducing greenhouse gas emissions by 7% a year from 2021, which equates to a reduction of 51% over the decade (2021-30). There is also a target of meeting 70% of electricity demand by renewables by 2030 and carbon neutrality by 2050. In progress toward these goals, the 2023 budget increased the level of the carbon tax to  $\leq$ 48.50, increased the carbon tax target to  $\leq$ 100 per ton by 2030 and included additional environmental tax measures.

Current as of: 2 July 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

**Environmental taxes** 



#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste



Energy

Plastic/packaging

Pollution

Water

Circular economy/waste





#### Contacts

Deirdre Hogan Ben Kelly



# Italy

Italy has well-established sustainability taxes, programs and incentives with most of the policy decided at the national level. Italy is set to receive 37% of the EU Next Generation program which will assist the country with its green transition. The use of these funds and implementation will be decided at the national level in agreement with the EU. Local jurisdictions retain some control with their own specific requirements, taxable bases and compliance obligations.

There are several national and regional green incentives available to taxpayers, including the "super-bonus" incentive to convert buildings to increase energy efficiency. It is important to note the effective dates of many incentives and green benefits are in flux with some renewed on a yearly basis and others designed as one-off programs.

Other than participation in the EU ETS, there is no carbon pricing regime in Italy. There are multiple fuel taxes, however these taxes were primarily introduced to pay for extraordinary and unexpected costs. A tax on single-use plastic manufactured goods took effect in July 2021. More green taxes and incentives are expected during Italy's green transition.

Current as of: 26 July 2024

# **Enacted measures** Sustainability incentives

#### Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Energy

Pollution

Water

Circular economy/waste

Tax exemptions

Circular economy/waste

Plastic/packaging

#### Carbon pricing

ETS

Carbon tax

CBAM

Plastic/packaging

Pollution

Circular economy/waste

#### **Environmental taxes**

Energy

Water

#### Contacts

Stefano Pavesi Alessandra Di Salvo



# Ivory Coast

The Ivory Coast recently introduced various eco taxes in finance legislation based on the "polluter pays principle".

Currently, the main concern lies in forestry and social aspects. With the REDD+ program, the Ivory Coast aims to reduce GHG emissions of deforestation and forest degradation.

The Ivory Coast has received support in reducing short-lived climate pollutants and air pollution while also reducing  $CO_2$  emissions by the Climate and Clean Air Coalition (CCAC).

The Ivory Coast continues to pursue a "gas to power" strategy to shift electricity production from largely heavily oil fuel to fossil gas. Furthermore, entities in the Oil & Gas industry have initiated investments with zero GHG impact.

## Enacted measures

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Energy

Pollution

Water

Circular economy/waste

Tax exemptions

Circular economy/waste

Plastic/packaging

#### **Environmental taxes**

Carbon pricing

Energy

**ETS** 

CBAM

Carbon tax

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

**Duane Newman** 

# Japan

Japan announced an ambition to become net zero by 2050, highlighting the goal as one of the government's key policy items. In this context, more carbon-related policy measures - including a more substantial carbon tax - are expected. Japan's sustainability tax programs are still emerging. There are currently sustainability incentives that take the form of tax credits, enhanced depreciation, grants or rebates.

There is a national carbon tax that applies to  $CO_2$  emissions from all fossil fuels and a multitude of fuel taxes. There are two regional ETSs that apply to energy-use related  $CO_2$  emissions from the industry, power and building sectors.

In June 2022, Japan created a Green Transformation (GX) League with 440 companies, which is a framework for companies aiming to introduce an ETS. The GX League launched an experimental voluntary ETS in September 2022 and aims to launch a voluntary ETS after April 2023. In December 2022, GX announced a roadmap for green transformation that proposes the introduction of a carbon levy in 2028. Importers of fossil fuels will be subject to a carbon tax.

Current as of: 25 July 2024

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy **ETS** Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Satoru Araki

## Kenya

In Kenya, sustainability taxes are only beginning to emerge.

Multiple sustainability incentives are in place, driving development in water use reduction technologies, renewable energy generation and innovating the use of plastics and packaging.

Furthermore, Kenya's environmental taxes cover electronic waste, plastics, and packaging with a tax exemption on certain types of plastics and packaging usage.

The Kenyan government has created governance structures for climate change management with defined roles for national and county (provincial) governments in mainstreaming and implementing climate change actions in the country.

Kenya recently published the Climate Change (Carbon Markets) Regulations, 2024 (the Regulations), established under the Climate Change Act (Cap. 387A) to provide a framework for the implementation of carbon projects in Kenya. The regulations are aimed at providing a framework for implementing carbon projects, encouraging greenhouse gas emissions reduction, and supporting Kenya's Nationally Determined Contribution under the Paris Agreement.

Current as of: 4 March 2024

## Enacted measures

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### •

#### Contacts

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## Lithuania

A wide array of sustainability taxes have been in place in Lithuania for some time now, including taxes on pollution, fuels, waste and certain plastics and packaging. Lithuania also participates in the EU ETS.

More initiatives are expected in conjunction with the European Green Deal. Anticipated initiatives are expected to address: the circular economy and climate neutral economy, sustainable and accessible cities, green energy, protection and sustainable use of natural capital, sustainable agricultural, aquaculture and food production systems and society as a partner in the transformation of the European Green Deal.

It is worth noting that the packaging tax applies to more than just plastic in Lithuania, for example, there are separate tariffs for cardboard packaging, wood packaging and others.

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Irmantas Misiūnas Agnė Jablonskytė Edgaras Džekčiorius

## Luxembourg

Sustainability incentives are well established in Luxembourg. However, sustainability taxes and exemption policies are still emerging. A National ETS enables emissions rights to be counted and the proper performance of operators' environmental obligations to be monitored. The EU Directive on the reduction of plastic products was implemented on 9 June 2022, and all provisions will be enforceable at the latest on 31 December 2024.

Luxembourg introduced a carbon tax in 2021, that is set at €35 per ton of CO<sub>2</sub> for 2024 and participates in the EU ETS.

Luxembourg introduced an investment tax credit regime on 22 December 2023, applicable as from 1 January 2024, aiming to provide tax incentives for digitalization and ecological and energetic transition and to foster digital and green investments. This regime is a modernization of the previous regime, and it increases the existing tax credit for tangible assets from 8% to 12%. An additional 6% tax credit applies for digital and green investments, increasing the overall benefit to a 18% tax credit on qualifying investment costs and expenses.

Luxembourg applies a reduced VAT rate for certain eco-friendly products and services, such as the supply, installation, and maintenance of renewable energy systems. Taxpayers can benefit from deductions for expenses related to energy efficiency improvements in residential buildings. This includes insulation, renewable energy installations, and energy-efficient heating systems. A super-reduced VAT rate is applied to renovation and alteration works on residential buildings over ten years old, which includes energy-saving renovations.

Current as of: 26 June 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Energy

Pollution

Water

Circular economy/waste

Tax exemptions

Circular economy/waste

Plastic/packaging

#### Carbon pricing

ETS

Carbon tax

CBAM



#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste







#### Contacts

Jean-Bernard Dussert Laura de Almeida



## Malawi

To date no sustainability taxes have been implemented in Malawi.

However, Malawi does have some limited carbon taxation measures in place that affect motorists based on engine capacity. This is to encourage a switch to alternative fuels.

## Enacted measures

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

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Circular economy/waste

#### Carbon tax

Carbon pricing

ETS

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy

Plastic/packaging

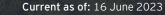
Pollution

Water

Circular economy/waste

#### Contacts

**Duane Newman** 





# Malaysia

Sustainability tax policies are still emerging in Malaysia. There are several green incentives available at the national level, taking the form of income tax credits, accelerated depreciation, grants and rebates.

In the 2023 budget, the Malaysian government proposed that the equipment used for Carbon Capture and Storage (CCS) technology by companies undertaking CCS in-house activity or CCS services, will be given a full import duty and sales tax exemption starting from 1 January 2023 until 31 December 2027.

In February 2023, the Malaysian government announced that imposition of the carbon tax was postponed. No future implementation date has been proposed. News reports in August 2024, indicate that Malaysia's finance ministry is considering the feasibility of a domestic carbon tax and emissions trading system, with a carbon tax announcement expected as part of the 2025 budget. A climate change bill is also expected in 2025.

Malaysia launched the nation's first government-backed voluntary carbon exchange, Bursa Carbon Exchange (BCX) on 9 December 2022, with its first auction taking place on 16 March 2023. The BCX is the first Shariah-compliant carbon exchange in the world.

Current as of: 16 July 2024

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy **ETS** Renewable/alternative energy Carbon tax Plastic/packaging CBAM Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Sharon Yong Shalini R Chandrarajah

## Malta

Malta, as a small island member state of the EU, has no separate carbon pricing regime implemented apart from the EU ETS. The amount of ETS installations is currently limited to electricity generation, as its industry is generally not very carbon intensive. Fossil fuel and electricity costs are still relatively low compared to other EU states due to certain government energy subsidies.

There are many measures and incentives related to the buildings and transport sector as these represent major contributors to Malta's total GHG emissions. While most measures are rolled out on a national level, certain measures target specific areas (e.g., the harbor regions). The government also offers several incentives for companies to become more sustainable (resource efficiency) as well as embrace digitalization.

There are several programs for up- and re-skilling of workers. In 2022, Malta introduced a reverse vending scheme for plastic bottles to curb plastic waste and improve recycling. Since 2004, there is a VAT-based ECO contribution on some products, which was phased out for certain products as EU rules were transposed in 2017, as well as a tourism eco-tax (per night stay).

Current as of: 26 June 2024

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax Plastic/packaging CBAM Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Chris Meilak Silvio Camilleri



## Mexico

Mexico's sustainability programs have been in place for several years, with a mix of incentives at the national and local level. Most local incentives are based in Mexico City.

Sustainability incentives include a 100% depreciation of machinery and equipment for renewable energy generation; reduction of payroll or property tax subject to the improvement of environmental conditions, such as, solid waste recycling, conservation of water and electric energy and reduction of polluting emissions.

Mexico has two national cap and trade programs. An ETS is scheduled to begin in Mexico in 2023 after two years of a "pilot" phase (2020-21) and one year of "transition" phase (2022). The Pilot covers direct CO<sub>2</sub> emissions from entities in the energy and industry sectors generating at least 100,000 tCO<sub>2</sub> per year. Approximately 300 entities are covered by the Pilot, corresponding to ~40% of national emissions.

There is also a tax on the carbon content of fossil fuels in effect since January 2014.

Current as of: 26 June 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Energy

Pollution

Water

Circular economy/waste

Tax exemptions

Circular economy/waste

Plastic/packaging

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### **Environmental taxes**

Plastic/packaging

Pollution

Water

Circular economy/waste

Energy

#### Contacts

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## Namibia

Sustainability tax programs are still emerging in Namibia.

The government stated an intention to create a carbon budget that will allocate emissions rights and commitments among sectors that are most responsible for GHG emissions.

Namibia has imposed levies on plastic products in an attempt to reduce plastic bag usage.

There are sustainability incentives to innovate carbon capture technologies that aim to manage emissions.

Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

## **Enacted measures**

#### Sustainability incentives

**Environmental taxes** 

Carbon pricing

Energy

ETS

CBAM

Carbon tax

Plastic/packaging

Pollution

Water

Contacts

Circular economy/waste

**Duane Newman** Friedel Janse Van Rensburg

Current as of: 10 October 2023



## The Netherlands

The Dutch government is committed to an energy supply that is less dependent on other countries, high prices or polluting fuels. To achieve the Dutch Climate Plan target of a 43% emissions reduction compared to 2005, various incentive programs are available for Dutch entrepreneurs who invest in sustainable tech.

Originally, Dutch environmental taxes were primarily focused on energy and fuel consumption. More recently, the government is concentrating on CO<sub>2</sub> reduction and new ways of raising revenues via plastic and carbon taxes. The Dutch Carbon Levy took effect in 2021 and applies to installations already subject to the existing EU ETS.

The Dutch government plans to introduce a retroactive law to temporarily cap the market income of electricity producers for the period from 1 December 2022 to 30 June 2023. The general income ceiling will be set at €130 per MWh, calculated on the basis of monthly average prices. An income ceiling of €240 per MWh will be set for electricity generated by biomass. Energy supplied by coalfired plants will be subject to a flexible price cap. Above this ceiling, 90% of market income must be remitted.

As of 1 July 2023, producers selling food and drinks for takeaway or delivery in disposable plastic cups and containers must impose a fee on consumers or offer a reusable alternative for a deposit.

Current as of: 26 June 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Energy

Pollution

Water

Circular economy/waste

Tax exemptions

Circular economy/waste

Plastic/packaging

#### Carbon pricing

Carbon tax

ETS

CBAM

#### **Environmental taxes**

Pollution

Energy

Plastic/packaging

Water

Circular economy/waste

#### Contacts

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## New Zealand

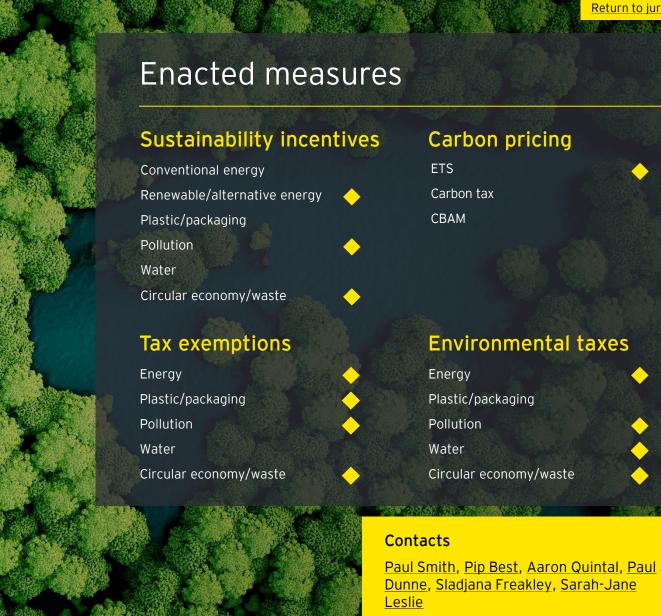
A new coalition government in New Zealand has indicated continued commitment to the Paris Agreement and taking action on climate change. The government has a particular focus on increasing New Zealand's renewable energy production with a view to shifting New Zealand toward becoming a lower-emissions economy.

The new government repealed several environmental taxes and incentives initiated by the previous government, including the Auckland Regional Fuel Tax, the fee for high-emissions vehicles and the clean car discount scheme. In addition, it has announced a new requirement for owners of light electric vehicles and plug-in hybrid vehicles to pay "road user charges" from 1 April 2024.

New Zealand has a national ETS that broadly applies to all nonagricultural sources of emissions. A farm-level split-gas levy was considered to address agricultural emissions, however, the new government introduced draft legislation in June 2024 to keep agriculture out of the ETS.

The government announced a change to the previous position of ringfencing ETS revenue toward funding sustainability related initiatives. Future investment proposals for emission reduction will instead need to be considered through the government's usual annual Budget process.

A number of sustainability related reviews or publications are expected by the end of 2024 - including New Zealand's second emissions reduction plan, and an independent review of agricultural biogenic methane science and targets for consistency with no additional warming. The findings of these may result in further climate change and sustainability policy announcements.



# Nigeria

Sustainability tax programs are emerging in Nigeria.

This country has already commenced activities toward the establishment of an ETS and the implementation of a carbon tax is also under consideration.

Nigeria has implemented sustainability incentives to reduce emissions and switch to hydrogen-based fuels.

Moreover, companies operating in Nigeria that engage in research and development for the improvement of their processes and products are entitled to a tax relief of an amount equal to 10% of the total profits of the company. Furthermore, the government is funding multiple climate change mitigation initiatives to, inter alia, meet GHG emissions reduction targets.

The country is also striving to reduce short-lived climate pollutants in order to reduce black carbon emissions.

## Current as of: 9 July 2024

### **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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## Norway

Norway has long established sustainability taxation at the national level. The main focus for several years has been on car emissions, for example, the VAT exemption on electric cars, leading to 64% of new cars purchased in Norway in 2021 being electric. Changes from 2023 have, however, limited the exemption for VAT to values below NOK500,000. The recent focus is on carbon emissions related to the petrol industry and implementation of higher carbon taxes. The Norwegian government is actively working on more measures.

While not a member of the EU, Norway participates in the EU ETS and tends to follow the EU trends when it comes to sustainable taxation, often aligning national measures to EU initiatives. The Norwegian government has recently focused on how to cut emissions in transport, agriculture, waste, construction and civil engineering. These sectors are not part of the EU quota system and cutting emissions in the non-quota sector is largely the responsibility of each individual country.

Current as of: 26 June 2024

### **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM



#### Tax exemptions

Energy

Plastic/packaging

Pollution

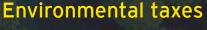
Water

Circular economy/waste



Water

Circular economy/waste



Energy

Plastic/packaging

Pollution



#### Contacts

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## Oman

Sustainability tax programs are just emerging in Oman. There are currently no carbon measures or fuel taxes in place, but there are a few tax benefits to promote sustainability and reduce emissions.

Oman has committed to reaching net zero in 2050 and reaffirmed this commitment by unveiling the Sultanate's National Net Zero Plan and an ambitious green hydrogen strategy. To fulfill this commitment, Oman has taken several steps toward diversifying its energy resources to achieve the energy transition. One of these achievements is the development of the Energy Transition Policy. The policy defines the roadmap to progress, the energy transition strategic objectives and integration with existing energy supply chains in relation to energy transition key drivers, including green hydrogen, carbon capture, utilization and storage, energy efficiency and renewable energy.

Oman is the first country in the Gulf Cooperation Council region to extend a zero rate of VAT on the supply of electronic vehicles (zero emission) and their spare parts. Furthermore, the import of electronic vehicles and their spare parts is exempt from customs duties.

Current as of: 1 July 2024

# Enacted measures

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste



#### Energy

Plastic/packaging

**Environmental taxes** 

Pollution

Water

Circular economy/waste

#### Contacts

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## Peru

Sustainability tax programs are still emerging in Peru with most existing measures occurring at the national level.

Currently, the main government focus is promoting the switch to energy produced from renewable sources and reducing the use of single-use plastic bags, expanded polystyrene single-use containers, and single-use plastic wraps, plastic straws and containers.

Current as of: 30 June 2024

## Enacted measures

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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# The Philippines

Sustainability tax policies are still emerging in the Philippines. There are several green taxes and exemptions available at the national level, taking the form of tax credits, special deductions, duties and fees and other investment tax incentives for green investments.

The Philippines government is currently considering new legislation that would underpin the release of additional tax sustainability mechanisms.

## **Enacted measures** Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

Carbon pricing

ETS

Carbon tax

CBAM

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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## Poland

Poland has well-established green policies regarding air emissions, packaging, waste, water and wastewater. Other policies and tax measures are emerging, for the most part to implement or respond to EU legislation. Most green measures are established at the national level.

There are a variety of incentives available in Poland for green investments, including grants, rebates, tax deductions and loans.

Carbon pricing in Poland is mostly influenced by EU legislation pertaining to the EU ETS. Country-level taxes are focused on energy, air emissions, packaging, waste, water and wastewater.

Since Poland is at the beginning of its transition away from fossil fuels, the tax system remains dynamic to facilitate these changes. Taxes and surcharges also depend on EU legislation. Poland is actively working on additional measures, such as single-use plastics restrictions and Extended Producer Responsibility fees.

Current as of: 26 June 2024

## Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

#### Carbon pricing

**ETS** 

**Enacted measures** 

Sustainability incentives

Carbon tax

CBAM



#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste





#### Contacts

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# Portugal

Sustainability tax programs have been increasing in Portugal over the past 10 years with a recent uptick in the number of initiatives. Most measures sit at the national level and are fairly consistent with those applied by other countries in the EU with a focus on carbon mitigation and low-emission initiatives, such as support for battery electric vehicles.

There are two different carbon taxes in Portugal, one that generally applies to  $CO_2$  emissions mainly from the industry, building and transport sectors and one on air and sea travel. Portugal also participates in the EU ETS. There are also multiple fuel and environmental taxes.

Portugal has implemented a tax on single-use plastic (or multi-material with plastic) packaging as of 1 July 2022. The tax is levied per package, completely or partially made of plastic (or multi-material with plastic) to be purchased in to-go food regimes.

Current as of: 26 June 2024

## **Enacted measures** Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM



#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste



#### Contacts

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## Romania

Sustainability tax programs are well established in Romania and continue to develop at the national level. A wide array of green incentives are available and green taxes, including a packaging tax, oil tax and tire tax, were implemented many years ago.

New taxes were introduced in 2017 on waste electrical and electronic equipment and portable batteries and accumulators. Additionally, single-use plastic restrictions were recently implemented.

The guarantee-return system (GRS) for certain nonreusable primary packaging will enter into force and will be functional starting from 30 November 2023. The deposit will apply to non-reusable primary packaging made of glass, plastic or metal, with volumes between 0.11 and 31 inclusive, containing water, juice or alcoholic beverages.

Current as of: 26 June 2024

## **Enacted measures** Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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# Singapore

Singapore has traditionally maintained sustainability tax incentives to encourage businesses to embrace sustainability. Singapore's sustainability tax incentives mainly focus on energy efficiency, adoption of technology or solutions for reduction of carbon emissions and the adoption of alternative sources of renewable energies. These incentives are periodically renewed or updated to ensure that Singapore stays on track to meet its environmental sustainability goals in the face of accelerating climate change.

Singapore was one of the first Asian countries to implement an economy-wide carbon tax in 2019. In the 2022 Budget, Singapore committed to raising the carbon tax from \$5 per ton to \$25 per ton in 2024, with a view to reaching up to \$80 per ton by 2030.

The Singapore Green Plan 2030, released in 2021, includes whole-of-government measures to improve public sector emissions targets and new incentives in order to encourage development of Singapore's competencies in food security, energy management and green finance.

Current as of: 7 July 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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## Slovakia

Slovakia's sustainability tax programs are mature and well defined. To maintain its presence on the global sustainability stage, the Slovakian government recently introduced measures to support transitioning to a lowcarbon economy, including efforts to improve energy efficiency and reduce greenhouse gas emissions.

Slovakia does not currently have a carbon tax system, but the implementation of a carbon tax is under consideration. Slovakia participates in the EU ETS. There are also energy, transport and pollution taxes in effect at the national level. **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution \* Under consideration Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Marian Biž Richard Panek Jurai Lendak Michal Bezak

## South Africa

Sustainability tax programs in South Africa are still emerging and generally take place at the national level, including the carbon tax enacted in 2019.

There are currently sustainability incentives related to reducing energy usage or using renewable energy. These incentives take the form of tax credits, tax deductions, grants or rebates and apply to expenditures for certain technologies, assets or infrastructure. South Africa also offers incentives for electricity generation from clean/green sources.

The South African carbon regime applies an in-country cost to industrial greenhouse gas emissions. The current carbon tax regime is expected to be reviewed in 2025. The expectation is that most if not all existing allowances will be reduced, which will drastically increase this tax (allowances currently allow for up to a 95% reduction).

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax Plastic/packaging CBAM Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts **Duane Newman**

## South Korea

Sustainability tax programs in South Korea are constantly evolving, with some tax programs (e.g., green savings) recently eliminated and investment-related tax programs revised yearly. Most of the existing green policies are controlled by the central government, including the Korea ETS (K-ETS) launched in 2015.

With an increased focus on carbon mitigation and a commitment to be carbon neutral by 2050, there are ongoing discussions regarding the design and implementation of a carbon tax. Some argue that the existing levies on water and air pollution are too complex to calculate, which could open the door for an economywide carbon regime.

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contact Seung Yeop Woo

# Spain

Spain has an established, but still developing sustainability tax system without a national carbon tax but with numerous green taxes, fees, exemptions, and incentives. A few measures are implemented at the national level, but carbon taxes and the majority of sustainability taxes and exemptions fall at the local level, and thus treatment is not consistent across Spain. Spain does participate in the EU ETS.

There are national tax credits available for investments in certain qualifying areas, including renewable energy sources, land-based means of transportation or to avoid pollution.

Spain has introduced a new Plastic Packaging Tax. The Tax is calculated on the weight of the non-recycled plastic material of the non-reusable plastic packages manufactured, intra-EU purchased or imported into Spain.

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy ETS Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste Contacts Alberto García Valera Pedro Gonzalez-gaggero Prieto-carreño

## Sri Lanka

Sustainability tax measures are still emerging in Sri Lanka and current measures are undertaken at a national level. Sri Lanka does not levy an explicit carbon tax, however, there are implicit measures, namely, fuel excise taxes. Complimentary measures include a focus on the development of renewable energy resources.

Further proposed policies include harnessing underutilized marine resources in a sustainable and regenerative manner, transitioning to renewable energy, agriculture development underpinned by biodiversity and sustainability and waste management. For instance, in accordance with the National Policy of the Government on Renewable Energy Development to obtain 70% of the electricity demand from renewable energy sources by 2030, steps have been taken to expedite obtaining approvals for the development of renewable energy projects with a capacity of 10 MW or less by the State Ministry of Solar, Wind and Hydro Power Generation Project Development.

Current as of: 26 June 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Environmental taxes

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

Shehani Paranavitane Sulaiman Nishtar



## Sweden

Sweden has long-established green policies, including various excise taxes and tax reduction or exemption possibilities. Most green measures are established at the national level and the focus is on fossil fuels, waste and the production of sustainable energy.

Excise tax legislation is quite flexible and is usually adjusted every calendar year. New excise taxes have been implemented every year since 2017. Several planned excise taxes have not yet been implemented in the Swedish legislation.

Current as of: 26 June 2024

Sweden also participates in the EU ETS.

## Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

**Enacted measures** 

#### Carbon pricing

ETS

Carbon tax

CBAM

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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## Switzerland

Switzerland has a long history of environmentally-focused legislation and new initiatives are also under discussion. The legislative landscape around environmental issues remains firmly in motion and Switzerland remains a frontrunner with its environmental taxes at the federal, cantonal, and municipal level. A revised CO<sub>2</sub> law is envisaged to be implemented from 2025.

The EU introduced a CBAM from October 2023. In a June 2023 report, the Swiss Federal Council examined the consequences of the EU CBAM. Among its conclusions, it recommended not introducing such a mechanism in Switzerland for the time being. However, the Federal Council wishes to adapt the Swiss ETS at the same pace as that of the EU, in order to maintain coordination between both ETS. Environmental topics enjoy a high degree of interest in society and economy in Switzerland, as reflected in popular initiatives past and present. Switzerland has one of the highest carbon prices on heating oil in the world through the CO<sub>2</sub> levy.

In June 2023, the Swiss people and the cantons adopted via referendum the "Climate and Innovation Act", which enshrines in federal law the target of reaching net-zero GHG emissions by 2050 and is due to enter into force on 1 January 2025.



## Taiwan

Sustainability tax policies in Taiwan are still emerging. The Climate Change Response Act was enacted on 15 February 2023 in Taiwan. The most critical policy of the Act is to impose a carbon fee on businesses with high carbon emissions both directly and indirectly. At the initial stage, companies with emissions above 25,000 tons will be subject to carbon fee. Relevant implementation regulations such as carbon fee collection mechanism will be promulgated in the later stage. Certain sub-laws under "The Climate Change Response Act" have been announced, which request those regulated industries to annually declare and submit their emission inventories. Besides, the reporting of emission inventories shall be verified by a designated verification agency.

In addition, the Taiwan Carbon Solution Exchange (TCX) was established 7 August 2023, which aims to provide carbon consulting and carbon trading services. Currently, TCX only provides carbon consulting services. The carbon trading has not commenced. It is anticipated that domestic carbon trading could commence (as early as the first half of 2024) once the relevant implementation regulations are ready.

Current as of: 26 June 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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## Tanzania

Sustainability measures are on the rise in Tanzania.

Tanzania has environmental management regulations in place that apply to all carbon trading projects in mainland Tanzania, aiming to provide control and management of carbon trading project, and to enhance the environmental conservation and contribution toward global efforts on the GHG emissions reduction.

Additionally, Tanzania provides workshops on green production under the Go Green project, focusing on agriculture climate adaption and technology in the field.

To enhance solar development, VAT and import taxes on the main solar components such as panels, batteries, inverters and regulators have been removed.

Investment funds are in place to reduce GHG emissions by allowing to increase the access to clean electrical energy for rural populations.

Current as of: 1 March 2024

### **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

## Environmental taxes

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

**Duane Newman** 

## Thailand

Thailand's sustainability tax initiatives are newly emerging. There are upcoming mechanisms anticipated to be introduced at a national level.

The Excise Department plans to impose a carbon tax on the energy, transport and industrial sectors. The Excise Department launched a battery electric vehicle (BEV) incentive package to promote the manufacturing of BEV cars in Thailand and has proposed an excise tax reduction and subsidy for local manufacturer of battery cells.

The Pollution Control Department has drafted new legislation on electrical and electronic equipment waste.

It is too early to assess any unique parameters underpinning Thailand's sustainability tax measures as the country is firmly in the early stages of policy setting.

Current as of: 25 July 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste



Energy

Plastic/packaging

**Environmental taxes** 

Pollution

Water

Circular economy/waste

#### Contacts

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# Türkiye

Sustainability tax programs in Türkiye are still emerging with new measures mostly introduced at the national level. The Turkish government is actively working to introduce more measures to protect the environment and increase resource productivity. In line with these efforts, the Environment Agency of Türkiye was established at the end of 2020.

There are currently national sustainability incentives that take the form of grants, rebates or loans.

There is no carbon tax. Türkiye's most prominent green tax measures are the Environment Contribution Fee and the Recycling Contribution Fee. The amount of the Recycling Contribution Fee doubled on 1 August 2023 by the President's Decree.

A fee called Deposit Contribution Fee (DCF) has started to be applied for products and packages within the scope of the Compulsory Deposit Management System.

Due to publication of an amendment to the Ports Law No. 618, it has been decided that the fees to be collected from ship owners for the greenhouse gas emissions released by commercial ships coming to Türkiye's ports or departing from these ports for the purpose of cargo or passenger handling will be determined based on the verified greenhouse gas emissions and the current carbon price of the EU ETS.

Current as of: 25 July 2024

## **Enacted measures**

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Plastic/packaging

Pollution

Water

Circular economy/waste

Energy









#### Contacts

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# Uganda

Uganda has limited sustainability incentives in place. The Ugandan government does, however, promote the switch to renewable energy.

A fuel excise tax has been implemented.

## **Enacted measures** Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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## United Arab Emirates

Sustainability tax programs are still in their infancy in the UAE, with not many fiscal measures implemented thus far. There are some environmental taxes and fees in place at the emirate level.

The UAE has committed to a 2050 net-zero target. Domestic measures to mobilize this include the UAE Green Agenda 2030 and 2023 being declared the UAE "Year of Sustainability". The Green Agenda has five objectives: competitive knowledge economy, social development and quality of life, sustainable environment and valued natural resources, clean energy and climate action and green life and sustainable use of resources, as well as increasing GDP by 4%-5% by 2030. It is foreseeable that fiscal policy will become a driver toward some of these goals.

There are currently no carbon measures. The only existing taxes or fees are on single-use plastic bags and waste management. CBAM may motivate policy makers to consider a carbon pricing mechanism, but none has been announced yet.

Current as of: 1 July 2024

# Enacted measures Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste

#### Carbon pricing

**ETS** 

Carbon tax

CBAM

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste



#### Contacts

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# United Kingdom

Sustainability tax programs are well established in the UK. The UK was a founding member of the EU ETS in 2005. The UK climate change levy caused a behavioral change away from coal-fired power generation. The Industrial Energy Transformation Fund further supports this change. The measures are predominantly national, though some environmental targets differ between England, Wales and Scotland. Scotland has, for example, a more ambitious emission reduction target than the UK.

With the UK's exit from the EU, the UK has introduced its own ETS which has generated a carbon price that is currently slightly above the EU carbon price.

The UK government has confirmed that it will implement a CBAM by 2027. As currently proposed, the UK CBAM will apply to imports of certain carbon-intensive imported goods from the following sectors: aluminum; cement; ceramics; fertilizers; glass; hydrogen; and iron and steel.

Other focus areas include a climate change levy, various fuel duties and other environmental taxes, such as the plastic packaging tax that came into force in 2022.

Green incentives continue to evolve, with many new grant or rebate programs available.

Current as of: 1 July 2024

#### **Enacted measures** Sustainability incentives Carbon pricing Conventional energy **ETS** Renewable/alternative energy Carbon tax CBAM Plastic/packaging Pollution \* Under consideration Water Circular economy/waste Tax exemptions **Environmental taxes** Energy Energy Plastic/packaging Plastic/packaging Pollution Pollution Water Water Circular economy/waste Circular economy/waste

#### Contacts

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## **United States**

The US has well-established green incentives (both tax and non-tax) for renewable energy, fleet decarbonization and energy-efficiency at both the national and local level. Most regulatory measures have been established at the local level, while the incentives are spread across both national and local levels. Several local jurisdictions have implemented or are considering an ETS or carbon tax; however, the outlook for federal, bipartisan carbon pricing action remains limited.

The top focus areas in US sustainability measures are fleet decarbonization/electrification, corporate tax credits for - clean/renewable energy, advanced manufacturing, fleets, renewable fuels, carbon sequestration, energy investment and storage, fuel taxes, rebate and grant programs, green building incentives.

Enactment of The Inflation Reduction Act includes \$369b in climate- and energy-related provisions that are designed to stimulate and accelerate the buildout of renewable energy, domestic manufacturing for energy technologies, advance the adoption of EV technologies and improve the energy efficiency of buildings and communities. US local jurisdictions are also actively working on expanding green tax incentives and carbon pricing regimes.

Current as of: 1 July 2024

# Enacted measures

#### Sustainability incentives

Conventional energy

Renewable/alternative energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

\* At local level only

#### Tax exemptions

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste



Plastic/packaging

Pollution

Water

Circular economy/waste

#### **Environmental taxes**

Energy









#### Contacts

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## Venezuela

There are no sustainability tax programs in Venezuela, nor are any under public discussion.

Current as of: 1 July 2024

**Enacted measures** Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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## Vietnam

Sustainability tax programs, mostly at the national level, are long established in Vietnam, with a Natural Resources Tax in place since the 2000s and an Environmental Protection Tax since the 2010s.

However, new measures are still emerging. The Law on Environmental Protection went into force from 1 January 2022. Additionally, the Vietnamese government is actively working to implement new measures and will release the detailed guidance on an emission trading system in the near future.

The Vietnamese government also established incentives and assistance for business activities related to environmental protection to encourage enterprises to seize opportunities from sustainability, clean energy transition and waste reduction.

Current as of: 26 June 2024

## **Enacted measures** Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water



Circular economy/waste

#### Contacts

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## Zambia

Zambia has yet to develop any sustainability taxes, however, Zambia has imposed a carbon emissions surcharge on all vehicles based on their engine displacement and a motor vehicle surtax as a once-off flat rate tax on imported vehicles.

Zambia currently has multiple sustainability incentives in place. These encourage developments in waste and recycling technology and a switch to hydrogen-based fuels in order to reduce emissions through investments in technologies.

Current as of: 20 June 2023

**Enacted measures** Sustainability incentives Conventional energy Renewable/alternative energy Plastic/packaging Pollution Water Circular economy/waste Tax exemptions Energy Plastic/packaging Pollution Water Circular economy/waste

#### Carbon pricing

ETS

Carbon tax

CBAM

#### **Environmental taxes**

Energy

Plastic/packaging

Pollution

Water

Circular economy/waste

#### Contacts

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