# The Path from Kigali: HFC Phase-Down Timeline

## 2047
**HFC phase-down completed**
Final step of the Article 5 Phase-down (Group 2).

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## 2033
**Ban on HFC trade with non-Parties**
Trade (import or export of HFCs) with Parties that have not ratified the Amendment will be banned from 1 January 2033.[2]

## 2024
**Eligible capacity cut-off: Group 2**
The cut-off date for eligible capacity[3] is 1 January 2024 for Article 5 Group 2 Parties.

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## 2020
**Eligible capacity cut-off: Group 1**
The cut-off date for eligible capacity[3] is 1 January 2020 for Article 5 Group 1 Parties.

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## 2019
**HFC licencing systems in place**
Import and export licencing systems for HFCs must be in place by 1 January 2019.[1] Applies to both Article 5 and non-Article 5 countries.

## 2019
**Entry into force**
The Kigali Amendment will enter into force on 1 January 2019.[1]

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## 2018
**Guidelines developed**
The Executive Committee was requested to develop, within two years, guidelines for financing the phase-down of HFCs.

## 2016
**Kigali Amendment adopted**
Agreement at the 28th Meeting of the Parties in Kigali, Rwanda to include the phase-down of hydrofluorocarbons (HFCs) under the Protocol.

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2047 2046 2045 2044 2043 2042 2041 2040 2039 2038 2037 2036 2035 2034 2033 2032 2031 2030 2029 2028 2027 2026 2025 2024 2023 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 2012 2011

2028 - 2047
2024 - 2045
2024 - 2026
2020 - 2036
2019 - 2036
2020 - 2022
2013 - 2030
2011 - 2013

## Legend

- 2020 - 2022 Article 5 Group 1 Baseline years
- 2024 - 2026 Article 5 Group 2 Baseline years
- 2024 - 2045 Article 5 Group 1 Freeze & Phase-down
- 2028 - 2047 Article 5 Group 2 Freeze & Phase-down
- 2011- 2013 Non-Article 5 Baseline years
- 2019 - 2036 Non-Article 5 Phase-down (earlier start)
- 2020 - 2036 Non-Article 5 Phase-down (later start)
- 2013 - 2030 HCFC Freeze & Phase-Out: Article 5
- 1996 - 2020 HCFC Freeze & Phase-Out: non- Article 5 (not shown)

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...is an Implementing Agency of the Montreal Protocol's Multilateral Fund. OzonAction is working with 147 developing countries providing interconnected and mutually-supporting Compliance Assistance Services and project support to assist them meeting their current commitments under the Protocol. OzonAction is now working with these countires to jointly attain the ambitious achievements in climate protection promised by the Kigali Amendment. To find out more about OzonAction and to access our materials, tools and publications, including those on the Kigali Amendment and related issues, please visit our website: **www.unep.org/ozonaction** or contact us at: **ozonaction@unep.org**

### Kigali Amendment

The Parties to the *Montreal Protocol on Substances that Deplete the Ozone Layer* reached agreement at their 28th Meeting of the Parties in October 2016 in Kigali, Rwanda to include the phase-down of hydrofluorocarbons under the Protocol.

### Hydrofluorocarbons (HFCs)

...are commonly-used alternatives to ozone depleting substances (ODS). While not ozone depleting, HFCs are greenhouse gases which can have high or very high global warming potentials.

### Country Groups

The Montreal Protocol Parties are split into four Kigali Amendment groups:

| | |
|---|---|
| Article 5, Group 1: | The majority of Article 5 Parties. |
| Article 5, Group 2: | Bahrain, India, Iran, Iraq, Kuwait, Oman, Pakistan, Qatar, Saudi Arabia, United Arab Emirates |
| Non-Article 5, earlier start: | Most non-Article 5 countries |
| Non-Article 5, later start: | Belarus, the Russian Federation, Kazakhstan, Tajikistan, and Uzbekistan |

1) The Kigali Amendment has reached the minimum number of ratifications required to enter into force on 1 January 2019.

2) ....or when Article 4 of the Protocol has been ratified by 70 countries - whichever is later.

3) The date after which any new manufacturing capacity producing or consuming HFCs is not eligible for funding under Multilateral Fund.

N.B. HFC baseline calculations also include a percentage of HCFC baseline production/consumption