

For our Environment



Umwelt 
Bundesamt

ATMOsphere Europe 2015

Approaches to Implementing Regulation (EU) No. 517/2014 in Germany

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Mandatory action



Adjustments of national training and certification programmes **until 31.12.2016**
Revision of *Chemicals Climate Protection Ordinance*
Adjustments to rules on penalties



Information

Federal & state institutions - Exchange of views

Stakeholder consultation

Further action



National Action Programme /NCI*

Studies

* National Climate Initiative

Sources: Windoria / Pixelio.de
Thomas S / Pixelio.de

Examples for additional and/or preparatory activities

DONE / ONGOING

Identification of implementing problems and gaps – exchange of views between the Federal Ministry for the Environment (BMUB), the Federal Environment Agency (UBA) and the Ministries of the Länder (enforcement)

Exchange with the Chambers of Industry and Commerce – information sheets, workshops

Information of F-gas suppliers, RAC industry ... – e.g. seminars at federal, state & company level, information sheets, internet information ...

PLANNED

Brochure – information for users on their obligations including information on alternatives

Workshop on small commercial refrigeration

Stakeholder consultations

...

AIMS AT...

Mutual understanding on provisions

Identification of gaps

Information of parties affected

**Mandatory
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Climate Action Programme 2020

TARGET

„ensure that the German government achieves the goal it set in 2007 of cutting greenhouse emissions by 40 percent by 2020 compared with 1990”.

→ Additional reduction of 62 to 78 million tonnes CO₂ equivalent compared to the current projections for 2020.

SO FAR...

Environment Minister Hendricks announced the Climate Action Programme 2020 in April 2014

German cabinet adopted it in December 2014

WHAT HAS THIS TO DO WITH F-GASES?

4.7.2 Reduction of F-gas emissions

“Shift emission reduction, expected due to new F-gas Regulation, to some extent from 2030 to 2020”



Climate Action Programme 2020



4.7.2 Reduction of F-gas emissions (unofficial and shortened translation)

[...] further reduction of [...] F-gases an important part of the Action Programme. The following measures will be initiated:

- Implementation of EU-F-gas-Regulation (No. 517/2014)
- Diversified preparatory and accompanying measures in order to achieve an effective and **advanced implementation** of EU-F-gas-Regulation, including e.g. **strengthening of technical advisory services, training and education, and promotion of increased usage of non-halogenated refrigerants** (like CO₂, hydrocarbons) [...]
- Consolidation of the subsidies for commercial refrigeration systems („Impulsprogramm“) within the National Climate Initiative, including regular adjustments, checking replenishment options, introduction of advisory services, and options to include mobile usages.

GHG-reduction *0.6 Mio. t CO₂ eq.*

Schedule *all mentioned measures step by step from 2015*

Climate Initiative



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National Climate Initiative (NCI)

- Promotional programme for climate protection measures in the field of commercial refrigeration (“Impulsprogramm”) 2008 (revised 2014)
- Refrigeration Award

Subsidies (up to 25% of investment costs) for commercial SRAC systems using climate friendly technologies

- natural refrigerants only (new plants) or
- higher subsidies for natural refrigerants (existing plants)

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Studies (SRAC sector)

PUBLISHED LATELY/TO BE PUBLISHED SOON

Hydrocarbon strategy (“Using hydrocarbons safely as refrigerants - ...”, 2014 (German only))

Effects of phase down and national taxes („Measures to improve the market penetration of climate friendly technologies ...“, to be published 2015 (German only))

Systems tightness (“Evaluation of leak tightness due to technical innovations ...“, to be published 2015 (German only))

PLANNED

Follow-up hydrocarbon strategy (Further development of the climate strategy „Using hydrocarbons safely as refrigerants“)



- Heat pumps
- AC in buildings

Thank you

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<http://www.umweltbundesamt.de/themen/wirtschaft-konsum/produkte/fluorierte-treibhausgase-fckw>