

## PROJECT INFORMATION

### Application of energy-efficient and climate-friendly refrigeration and heating technologies in Ukraine



Working group on Energy Efficiency and Safety in F-gas Appliances

Source: HEAT (Stefanie Heinemann)

#### Background

In the framework of international climate agreements, such as the Paris Convention and the Montreal Protocol, Ukraine has committed itself to reducing its emissions, replacing ozone-depleting substances and reducing its consumption of fluorinated substances (F-gases). The transition to energy-efficient and fluorine-free refrigeration technologies and heat pumps contributes significantly to decarbonization in the field of residential cooling and heating.

#### Project details

The project developed recommendations of necessary framework conditions for the use of environmentally friendly, F-gas free and energy efficient refrigeration and heating technologies in Ukraine. They were formulated on the basis of European legislation and best practice and adapted to the conditions in Ukraine. Three guides, now published on the website of the Refrigeration Association of Ukraine (<http://ref.org.ua/projects>), cover the areas of Regulation, Safety Standards for Technicians and Training of Refrigeration Technicians and summarize the recommendations. A market study accompanying the project also shows the potential to reduce emissions in the Ukraine in the future by consistently implementing the recommendations made, as well as the technical and commercial feasibility of the project results. The project results were discussed and further developed in workshops with interest groups and decision-makers in the cities of Kiev, Dnipro and Odessa. The developed materials will be used in future training events for refrigeration engineers and actively contributed to the political discussion in Ukraine.

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**Beneficiary country:** Ukraine

**Duration:** 02/2019 – 05/2020

**Beneficiary:** Public Union "Refrigerating Association Of Ukraine" (PU RAU)

**Implementing Organization:** Habitat, Energy Application & Technology GmbH (HEAT)

**Project number:** 118216

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#### Advisory Assistance Programme (AAP)

for environmental protection in the countries of Central and Eastern Europe, the Caucasus and Central Asia and other countries neighbouring the European Union – a programme of the Federal Ministry for Environment, Nature Conservation and Nuclear Safety

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