

## Invitation to the Side-Event at the 30<sup>th</sup> OEWG (14-18 June, 2010)

**“Guidelines for the safe use of hydrocarbon refrigerants. A handbook for engineers, technicians, trainers, and policy-makers. For a climate-friendly future”**

Presentation of the forthcoming GTZ /TÜV Süd Publication

**Date:** 17<sup>th</sup> of June, 13.00-15.00h

**Venue:** Conference Room 15, International Conference Centre, Geneva, Switzerland

13.00	<p><b>Welcome address</b></p> <p>Dr Volkmar Hasse, GTZ-Proklima</p>
13.10 -13.30	<p><b>Objectives and elements of the handbook</b></p> <p>Dr Daniel Colbourne, GTZ-Proklima</p> <p><b>Q &amp; A</b></p>
13.30 - 13.50	<p><b>Guidelines for safe use of hydrocarbon refrigerants</b></p> <p>Bernhard Schrempf, TÜV Süd</p> <p><b>Q &amp; A</b></p>
13.50 –14.10	<p><b>Training for hydrocarbon safety</b></p> <p>Rolf Hühren, GTZ-Proklima</p> <p><b>Q &amp; A</b></p>
14.10 -14.40	<p><b>Conversion of production line to hydrocarbons at Palfridge, Swaziland</b></p> <p>Roy Singh, Palfridge Limited, Swaziland Manufacturer of commercial and domestic refrigeration equipment</p> <p><b>Q &amp; A</b></p>
14.40 -15.00	<p><b>Discussion, wrap-up and conclusion</b></p>

*Background:*

The handbook shall function as a guidebook for policy-makers involved with designing nation-wide policies to support the use of natural refrigerants (i.e. regulatory aspects, standards, etc) but also for private companies who are deciding upon the introduction of HCs, in particular to developing countries, which are the main partners of GTZ. The purpose of this publication is to present the existing information and guidance relating to the safe use of HC refrigerants, but also to inform in a comprehensive manner such that all of the stages in the system life are covered in an interlinked way. It is also recognised that simply describing technical requirements is not always sufficient in itself to ensure that a high level of safety is achieved; introducing a robust infrastructure is equally important. For example, how government or industry bodies may set up schemes for certification of technician training, or how manufacturers, distributors or contracting companies may organise their quality management systems to help with the ongoing improvement of safety levels, etc, are all important considerations.

GTZ teamed up with TÜV-Süd to ensure that the safety system is described from both angles, both from a third party perspective and that of a implementing agency. Both organisations work with implementation of flammable refrigerants and they have joined forces to develop these guidelines. The involvement of TUEV Süd in this handbook ensures that first-hand experience from setting up the infrastructure in a country to undertake inspections, training certification, etc, is delivered in the relevant sections (quality system, verification and certification).

The handbook will be made available online and published as hardcopy in late summer 2010 and is free of charge. Orders be placed to GTZ-Proklima..

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