Real Alternatives for LIFE
Refrigerant Emissions Alternatives and Leakage
– blended learning for low GWP refrigerants

Objectives
1. Increase knowledge amongst technicians in partner and stakeholder countries.
2. Address inconsistencies in skills across the whole of the EU
3. Overcome equipment operator and distributor concerns over safety, reliability, containment, efficiency and standards restrictions
4. Support implementation of F Gas Regs and transition to low GWP alternatives

• Project start date 15th June 2017
• Project end date 14th June 2020
<table>
<thead>
<tr>
<th>Stakeholder</th>
<th>Country</th>
<th>Estimated No of Technicians</th>
</tr>
</thead>
<tbody>
<tr>
<td>APIRAC - Portuguese Association for RAC Industry</td>
<td>Portugal</td>
<td></td>
</tr>
<tr>
<td>CNI – National Confederation of RAC Installers</td>
<td>Spain</td>
<td>3000</td>
</tr>
<tr>
<td>SCHKT – Czech RAC Technical Group</td>
<td>Czech Republic</td>
<td>3000</td>
</tr>
<tr>
<td>SZCHKT – Slovakian RAC Technical Group</td>
<td>Slovakian Republic</td>
<td>2000</td>
</tr>
<tr>
<td>AGFR – Romania General Association of Refrigeration</td>
<td>Romania</td>
<td>6000</td>
</tr>
<tr>
<td>HRKT – Croatian Refrigeration air conditioning &amp; heat pump assoc</td>
<td>Croatia</td>
<td>3500</td>
</tr>
<tr>
<td>SOSIAD – Turkish refrigeration and air conditioning</td>
<td>Turkey</td>
<td>3000</td>
</tr>
</tbody>
</table>
REAL Alternatives for LIFE – Stakeholder meeting – 7 July 2017
REAL Alternatives for LIFE – 1st Project Meeting – 20-21 June 2017

Project Management team
8 Beneficiaries – 6 Languages

Associazione Tecnici del Freddo, Italy

Institute of Refrigeration, UK

London South Bank University, UK

Foundation for the Protection of the Ozone Layer, Poland

European Association for Refrigeration, Air Conditioning and Heat Pumps (AREA)

Limburg Catholic University College, Belgium

Informationszentrum für Kälte-Klima- und Energietechnik, Germany

With the co-operation of the International Institute of Refrigeration

With contribution of the LIFE programme of the European Union
The LIFE programme is the EU’s funding instrument for the environment and climate action.

Implementation, updating and development of EU environmental and climate policy and legislation by co-financing projects.

The European Commission (DG Environment and DG Climate Action) manages the LIFE programme.

**LIFE Climate Governance and Information** projects:
- information, awareness and dissemination on climate matters
- generating public and stakeholder support of Union policy
- knowledge on sustainable development
- knowledge sharing on successful climate solutions and practice
- cooperation platforms among stakeholders and training effective compliance with climate legislation

http://ec.europa.eu/environment/life/about/index.htm
Some Project information

- Management Team – represents original REAL Alternatives project (2016)
- Stakeholders group of seven new organisations
- 13 languages for the final outputs
- 9 Modules (8 existing ones revised plus 1 new)
- Train the Trainer resources, Licences and Certification
- Study visits (4 in training centres eg Belgium, Germany, UK, Poland, Italy)
- Train the Trainer events (5 in stakeholder locations – 20 people at each)
- Project presence at conferences, trade shows and exhibition, international governmental meetings, policy makers
- Generating regular articles/newsletters/social media
- Together we have the potential to reach 228,000 employers, 26,000 RACHP installation businesses and 100 suppliers
How will Stakeholders be involved?

- Review existing learning modules in line with market needs findings – July/Sept
- Review new material on risk and safety for flammables - Sept
- Survey on training awareness and needs in your countries – Sept/Oct

OUTCOMES

- Report on EU training needs
- Updated e-learning modules and booklets
- Training the trainers programme: standard lessons plans, practical tests, trainer training events, certification for trainers and technicians

REAL Alternatives for LIFE – Stakeholder meeting – 7 July 2017
How will we do it?

- **Translate all materials into all partner and stakeholder languages Apr/Dec 2018**
- **Hold Study days at existing training facilities Sept/Dec 2018**
- **Hold Train the Trainer events in stakeholder countries March/June 2019**
- **Promote to trainers/technicians and ensure project outputs are sustainable**
- **Launch elearning and training programmes by end of 2018**
- **Promote the programme and certification across Europe, encouraging attendance at courses**
- **Add more EU and non EU partners before and after the end of the project**

REAL Alternatives for LIFE – Stakeholder meeting – 7 July 2017
Role of stakeholder organisations

- Promote the project nationally to trade associations, press and policy makers
- Identify and attend relevant events or meetings
- Review and comment on draft materials
- Manage the translation of materials
- Identify trainers to take part in study visits to existing training centres
- Arrange national train the trainer events
- Encourage trainers to be licenced to run courses, assessments and issue certificates
### Supporting Stakeholder activities

**To be shared between 7 stakeholders**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10000/7</td>
<td>Representatives to come to visit Training Centres (4 events UK, IT, BE, DE with one trainer and one stakeholder)</td>
</tr>
<tr>
<td>9000/7</td>
<td>For translation of elearning materials</td>
</tr>
<tr>
<td>9000/7</td>
<td>For translation of training programme materials and events</td>
</tr>
<tr>
<td>5000/7</td>
<td>Towards costs for Trainers from Stakeholders countries to attend a national training event (5 events eg PO, ES, RO, SZ/CZ, +1 with 20 participants each locations to be agreed)</td>
</tr>
<tr>
<td></td>
<td>Teachers to run Stakeholder Train the Trainer events</td>
</tr>
<tr>
<td></td>
<td>Visits from Management team to Stakeholder meetings</td>
</tr>
</tbody>
</table>
Contractual arrangements

- Invite stakeholders to confirm participation with a contract details your rights and commitment to the project, finances, timescales.
- Help to review materials, comment on consultations and surveys
- Arrange translation of all materials and elearning
- Disseminating information about the project to policy makers, press, trainers, events nationally.
- Take part in quarterly phone calls or invited project meetings
- Organise attendance at Study days and Training events
- Keep records of communications and meetings for 9mth reports
- Submit expenses claims in template to be provided
Publicity obligations

• All public communications and publications must include LIFE logo and wording “with contribution of the LIFE Programme of the European Union (and LIFE logo/equal prominence)”. And disclaimer that this material reflects only the authors’ views and the Agency is not responsible for any use that may be made of the information it contains.”

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• All partners to display notice boards/stands in public areas