

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



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Stakeholder	Country	Estimated No of Technicians
APIRAC - Portuguese Association for RAC Industry	Portugal	
CNI – National Confederation of RAC Installers	Spain	3000
SCHKT – Czech RAC Technical Group	Czech Republic	3000
SZCHKT – Slovakian RAC Technical Group	Slovakian Republic	2000
AGFR – Romania General Association of Refrigeration	Romania	6000
HRKT – Croatian Refrigeration air conditioning & heat pump assoc	Croatia	3500
SOSIAD – Turkish refrigeration and air conditioning	Turkey	3000



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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



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REAL Alternatives for LIFE – 1st Project Meeting – 20-21 June 2017



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

ctive compliance with climate legislation



<http://ec.europa.eu/environment/life/about/index.htm>



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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 228,0000 employers, 26,000 RACHP installation businesses and 100 suppliers



unded by:



How will Stakeholders be involved?

Survey on training awareness and needs in your countries – Sept/Oct

Review new material on risk and safety for flammables - Sept

Review existing learning modules in line with market needs findings – July/Sept

Help raise awareness of the project with press releases, articles, talks

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



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How will we do it?

Translate all materials into all partner and stakeholder languages Apr/Dec2018

Launch elearning and training programmes by end of 2018

Hold Study days at existing training facilities Sept/Dec 2018

Promote the programme and certification across Europe, encouraging attendance at courses

Hold Train the Trainer events in stakeholder countries March/June 2019

Add more EU and non EU partners before and after the end of the project

Promote to trainers/technicians and ensure project outputs are sustainable



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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



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Supporting Stakeholder activities To be shared between 7 stakeholders

10000/7	Representatives to come to visit Training Centres (4 events UK, IT, BE, DE with one trainer and one stakeholder)
9000/7	For translation of elearning materials
9000/7	For translation of training programme materials and events
5000/7	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)
	Teachers to run Stakeholder Train the Trainer events
	Visits from Management team to Stakeholder meetings

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



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REAL Alternatives

Language
English (UK)

BLENDED LEARNING FOR ALTERNATIVE REFRIGERANTS

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Tweets by @REAL_Alts_EU

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The workshop on the #KigaliAmendment just took off! Follow the event live via facebook.com/UNIDO.HQ/; for more info bit.ly/2s2pY9z

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION OZONE · UNIDO · CLIMATE KIGALI AMENDMENT

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EVENTS

REFRIGERANT OPTIONS AND THE GLOBAL ENVIRONMENT
[MORE EVENTS](#)

NEWS

REAL ALTERNATIVES TO BE EXPANDED ACROSS EUROPE WITH SUPPORT OF EUROPEAN COMMISSION ENVIRONMENT AND CLIMATE ACTION PROGRAMME
[MORE NEWS](#)

LEARNING PLATFORM

Interactive learning platform for registered users



www.realalternatives.eu

With contribution of the LIFE programme of the European Union

lifelong learning programme



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Publicity obligations

- **All public communications and publications must include LIFE logo and wording**



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