

# NO TO OBSOLETE & ENERGY-CONSUMING AIR CONDITIONERS

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## NEWSLETTER BIMONTHLY INFORMATION BULLETIN



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### EDITORIAL

## No to obsolete and energy-consuming air conditioners



Africa, which suffers greatly from energy-intensive technologies in countries where energy is still in deficit, through U-3ARC, asks the founders of Split-Systems air conditioners to stop producing or exporting on its soil the "NOT INVERTER" Splits. In my humble opinion, this is an activity that can be considered criminal and which aims to keep Africa in po-

verty and misery. The harmful consequences are incalculable for Africa and the world.

Taking into account the fact that energy efficiency (EE) remains a concept with multiple implications, both economic and environmental, a certain lack of specific laws and regulations regarding the import and export of energy-efficient equipment low energy efficiency, the lack of training for African Refrigeration Technicians in this area, the consideration of the EE of RAC equipment in the Kigali Amendment of 2016, the Montreal Protocol, Decision XXXIV/3 of the Progress Report of TEAP 2023 on the EE... at U-3ARC, we propose an outright ban on the production of Split NON-INVERTER. They not only accentuate the energy deficit, but also compromise entire economies and harm the environment.

Energy-intensive, this type of equipment strongly contributes to climate change with its corollary of high rates of infant and elderly mortality, increased cardiovascular diseases, chronic youth unemployment rates, natural damage, notably deadly floods and landslides... Taking advantage of our participation in the 46th Meeting of the Open-ended Working Group of the Parties to the Montreal Protocol (OEWG46) and the 72nd Meeting of the Implementation Committee within the framework of the procedure for non-compliance with the Montreal Protocol (ImpCom72), from July 8 to 12, 2024, in Montreal, Canada, the Executive Office of U-3ARC launched a call for an end to environmental dumping on Africa. All together, public and private decision-makers, equipment manufacturers and technicians and trainers, we will get there.

In this new issue, we tirelessly continue the work started in this direction for the benefit of all parties.

Good reading !

**Madi Sakandé, Président U-3ARC**

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- EU certification of F Gas - Joint training sessions with Centro Studi Galileo

#### FLAGSHIP EVENT

- 04 • WRD 2024 Celebration "Excerpts from the President's speech"

#### CALENDAR

- 04 • JAR 2024 "Refrigeration: a necessity, not a luxury"
- AG 2024 from November 7 to 9, 2024 in Tunis
- 4th Training & Certification Session from November 11 to 15 in Tunis

**ON THE AIR**

**U-3ARC PLEA AGAINST ENVIRONMENTAL DUMPING AT OEWG46 IN MONTREAL**

U-3ARC delegation, participated in the 46th Meeting of the Open-ended Working Group of the Parties (OEWG46) and the seventy-second meeting of the Implementation Committee under the Non-Compliance Procedure for the Montreal Protocol-ImpCom72, from July 8 to 12, 2024, in Montreal, Canada, wanted to make clear its desire to be present at the place where the future of their profession is decided.

In Montreal, among the crucial points for the climate under discussion, there was the management of the life cycle of refrigerants, the fight against illegal trade and the strengthening of global efforts to better monitor

controlled substances. At these OEWG46 and ImpCom72 meetings, punctuated by plenary sessions, Side Events, Restricted Meetings and implementation committees, Madi Sakandé took the opportunity to hold meetings and meetings, so that all U-3ARC associations begin to work properly as national associations and be ready to get involved in Montreal Protocol projects in Africa. He found the meeting, held on Tuesday July 9, 2024, with UNEP, UNIDO, UNDP and multilateral funds particularly fruitful to discuss how to involve U-3ARC and national associations in the implementation of these projects. As for the Vice-President, Adlain Eyarmewen Nkie Akan, he made a plea



to the implementing agencies of the Montreal Protocol projects and to the representatives of the Multilateral Fund who finance the projects. He also focused on the fight against the export of energy-intensive and low-energy-efficiency air conditioners, mainly NON INVERTER ones.

**FIRST RACHP EQUIPMENT MONITORING BOOKLET**

Mr. Madi Sakandé, President U-3ARC, has just published a Booklet for monitoring refrigeration, air conditioning and heat pump equipment (RACHP), in order to contribute to better management of refrigeration systems containing fluorinated refrigerants such as HCFCs & HFCs. The Refrigeration, Air Conditioning and Heat Pump Equipment Monitoring Booklet (RACHP), developed by this international RAC expert, is a veritable guide for refrigeration technicians. The document, revised by Mr. Youssef Hammami, Coor-

dinator of the National Ozone Unit of Tunisia, the document is a working tool where the technician can annotate all the information necessary for "good hygiene" and "ecological use" of the refrigeration equipment that he will have to install or maintain. Collaborated in its creation, Mr. Youssef Hammami, but also authorities or bodies, such as the ANPE (National Environmental Protection Agency of Tunisia, the National Ozone Unit, Tunisia UNIDO, the UNEP, the Centro Galileo, New Cold System and U-3ARC.



**WINNERS OF THE DR CHARITY KPABEP AWARD 2024**

The U-3ARC competition "Dr CHARITY KPABEP AWARD 2024", intended for African women active in the RAC sector, launched since February 2024, revealed the winning trio, in this competition organized by U-3ARC, in partnership with the NGO World Refrigeration Day.

The lucky ones are Deby Safiatou Doumbia from Mali, Omnia Ibrahim Salem from Egypt and Solange Yaogo from Burkina Faso, from Team n°3 in this video <https://www.facebook.com/share/v/3gr1EfQ7kWktzav9/?mibextid=oFDknk>.

U-3ARC thus continues to promote women in the RAC sector, but also intends to promote the technical knowledge of African women. The winners of the competition which focused on the theme "refrigerant fluid recovery", "vacuum drawing", and "charging", come from a list of 33 African Refrigeration Technicians, coming from Burkina Faso, Cameroon, Egypt, Madagascar, Mali, Mauritania, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Togo, Tunisia and Zambia.



## NEWS FROM NATIONAL ASSOCIATIONS

### FOR THE CO-OPTATION OF NATIONAL ASSOCIATIONS OF AFRICAN REFRIGERATION TECHNICIANS TO UNIDO IN VIENNA

At UNIDO headquarters in Vienna, U-3ARC, through its president Madi Sakandé, pleaded, Tuesday June 18, 2024, for the involvement of the National Associations of African Refrigeration Technicians in UNIDO activities. An action which took place in tandem with the Studi Galileo Institute, one of its partners, signatory of a successful MoU. The United Nations body, which is also an implementing agency of the Montreal Protocol, was invited to integrate the National Associa-

tions of African Refrigeration Technicians into its activities.

For President Madi Sakandé, accompanied by Mr. Marco Buoni, Director of the Centro Studi Galileo and Secretary General of the Italian Association of Technicians RACHP ATF, by approaching their respective Ozone coordinators, the national Associations of African Refrigeration Technicians will be able to amplify their actions on the ground, in line with the Montreal Protocol in Africa.



## TRAINING

### REGIONAL TRAINING AND CERTIFICATION WORKSHOP FOR RAC TECHNICIANS IN COTONOU



As part of the UN Environment (Ozone Action) training cycles, in collaboration with the General Directorate of Environment and Climate, under the Beninese Ministry of Living Environment and Transport, refrigeration and air conditioning technicians from Cape Verde, from Madagascar, Niger, the Democratic

Republic of Congo, Senegal, Chad, Togo and Benin, benefited from a regional training and certification workshop from June 3 to 7, 2024 in Cotonou. U-3ARC, through its Trainers, was there. Last stage, co-organized by UN Environment (Ozone Action), in collaboration with the General Directorate of Environment and

Climate, under the Beninese Ministry of Living Environment and Transport, and U-3ARC, this regional training and certification, for 5 days in Cotonou will undoubtedly make its contribution to economic development, environmental protection and the improvement of public health in the different countries

Note that on the sidelines of the training, Mr. Madi Sakandé, president of U-3ARC, took the opportunity to meet, Wednesday June 5, 2024, members and supporters of the National Association of Refrigeration and Air Conditioning of Benin (ANFCB), headed by Mr. Lucien Amossou, ANFCB president. The fruitful discussions focused on the future of the sector in this part of the continent.

### FACE-TO-FACE TRAINING OR WEBINARS FOR REFRIGERATION ENGINEERS

As usual, U-3ARC and the affiliated associations continue to organize training to strengthen the skills of technicians. From these training courses, in person or on-line, on the continent or outside, we return to those relating to Webinar n°35 on "Copper piping of a refrigeration circuit", by Trainer M. Hammadi Ferjani, Saturday July 27, 2024 from 2:00 p.m. to 4:00 p.m. GMT.

**TRAINING WEBINAR N°35**

COOPER PIPING OF A REFRIGERATION INSTALLATION  
TUYAUTERIE EN CUIVRE D'UN CIRCUIT FRIGORIFIQUE

SATURDAY  
JULY 27 TH 2024

TIME  
2:00-4:00 PM GMT

TRAINER  
MR HAMMADI FERJANI

WWW.U-3ARC.ORG REGISTER FOR OUR UPCOMING WEBINAR

## EU CERTIFICATION OF F GAS - JOINT TRAINING SESSIONS WITH CENTRO STUDI GALILEO

In order to disseminate best practices in the refrigeration and air conditioning sector and increase the awareness and skills of African RACHP technicians, U-3ARC and Centro Studi Galileo, European and international training provider, agreed on 14 March 2024 in Milan, to perpetuate their collaboration.

After 3 training sessions in Italy, already organized, a 4th is scheduled for November in Tunis for U-3ARC

members. U-3ARC and the Centro Studi Galileo, they have decided to seal their partnership in the training of African Refrigeration Technicians from the national associations members of U-3ARC, signing a Memorandum of Understanding (MoU). These training courses lead to European F Gas certification for participants and an assessment of real alternatives that guarantee the safe handling of flammable refrigerants in Africa, where split air conditioners, charged



with R32 and R290, are already sold without specific training or campaign to raise awareness about the flammability of these "green refrigerants".

### FLAGSHIP EVENT

## WRD 2024 CELEBRATION "EXTRACTS FROM THE PRESIDENT'S SPEECH"

*On the occasion of World Refrigeration Day 2024 (WRD), celebrated on June 26, this year on the theme "QUESTIONS OF TEMPERATURE !" ... ABSOLUTELY ! », Madi Sakandé, President U-3ARC, addressed a speech to her peers, to decision-makers from all sides, to academics, researchers and students, to partners and to her friend Steve Gill, initiator of this World Day. Here are some extracts:*

« Ladies and gentlemen,  
The Refrigeration and Air Conditioning sector is crucial to stimulating growth and development. Like the rest of the world, Africa is preparing to celebrate World Refrigeration Day, the theme of which this year is "TEMPERATURE QUESTIONS !" ... ABSOLUTELY ! ». At U-3ARC, we believe that now is the time to pay

tribute to the initiators of such an event, but also to work to raise awareness of the importance of refrigeration for humanity, and especially for Africa.

The WRD, celebrated annually on June 26, is a timely occasion to celebrate the major contributions of cold weather to human progress, particularly for Africa. It is also an opportunity to raise awareness among governments, the public and private sectors, of the crucial role of Refrigeration in daily life, in particular for the socio-economic development of Africa.

... In addition to the fact that the RAC sector is transversal and has a positive impact on the socio-economic development of Africa, we find it important to



raise awareness on a certain number of major areas... refrigeration is essential for the preservation of food, reducing losses post-harvest and improving access to healthy and nutritious food for populations...»

### AGENDA

- **JAR 2024 « LA RÉFRIGÉRATION : UNE NÉCESSITÉ, PAS UN LUXE »**
- **AG 2024 DU 7 AU 9 NOVEMBRE 2024 À TUNIS**
- **4<sup>ème</sup> SESSION DE FORMATION ET CERTIFICATION F GAZ DU 11 AU 15 NOVEMBRE À TUNIS**

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