



# United for Efficiency Product Registration Prototype and live walk through the system

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# HOW

## **DOES A PRODUCT** REGISTRATION SYSTEM WORK?





#### **TEST PRODUCT**



A test laboratory, or conformity assessment body, selects samples of the product and undertakes testing in accordance with the applicable standard.



The applicant (manufacturer, importer or distributor) opens an account in the product registration system and completes an application form for approval of their product. Supporting information, such as a test report, may also be required.



#### **ASSESSMENT**

В

The programme manager/regulatory authority reviews the submitted application and accompanying documentation for compliance with the requirements of the standards and labelling scheme.

#### **APPROVAL** & ACCESS TO MARKET



If the review confirms the product complies with the governing energy efficiency regulations, such as standards and labelling, then the regulator approves the product for import and sale.

Regional PRS Country Country SEVERAL COUNTRIES **TOGETHER** 

STANDALONE SYSTEM

**National** PRS

# WHY

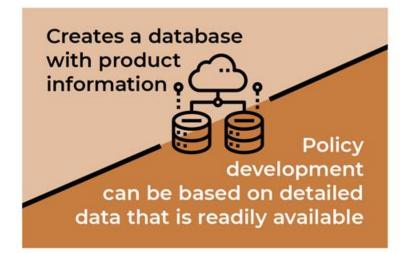
# SHOULD I IMPLEMENT A PRODUCT REGISTRATION SYSTEM (PRS)?

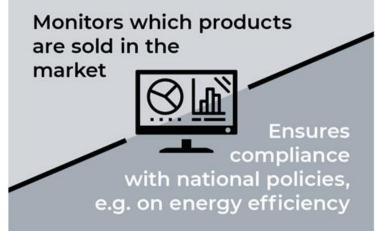
Transition your markets to energy efficient products!





In countries with a PRS, products must be registered before they can enter the market











# Overview of the U4E project activities (1)

- Software development -

**Developed in cooperation with:** 



#### **General U4E tool:**

- Development of a prototype Product registration system (PRS) system for application in countries without a PRS
- Development based on best practice functionalities and designed in a modular manner

# Registration Tool for Global Application United for Efficiency In the Control of the Control o

## In cooperation with the ASEAN Centre for Energy (ACE):

- Development a regional product registration database that connects all countries in the region
- Development of common datapoints for regional exchange of data
- Agreed to policy roadmap on the implementation of the database



**Products included:** 







# Overview of the U4E project activities (2)

- Training and capacity building -

## **Regional cooperation:**

Capacity buildings with ACE and the ASEAN countries during workshops,
 Technical Working Group and other meetings

Workshop with six Caribbean countries on the use and implementation of a PRS

### **National support:**

- Development of technical recommendations for a PRS in Rwanda
- Further capacity buildings for Chile, Pakistan and Senegal

#### **Development of tools:**

Series of guidance notes, technical specifications and a PRS framework

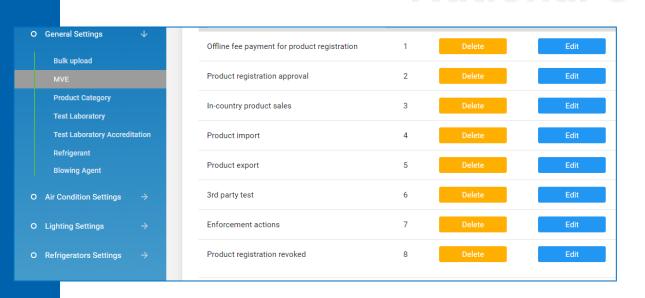


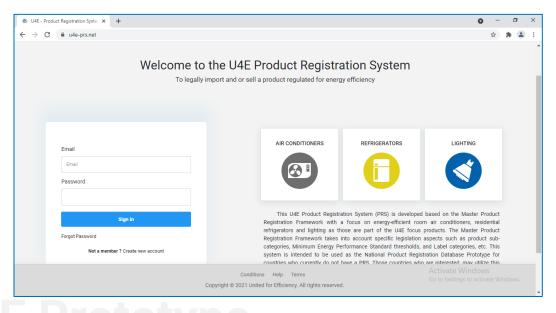


# **National U4E Prototype**

#### What is it?

A software template that can be implemented by government officials as a National Product Registration System in a country.





## **Benefits**

- Based on best-practice functionalities which can be personalized
- Open source
- No need to start from scratch
- U4E guidance to implement the framework
- Designed to work with slow connections and data requests
- Built-in API for regional database interface
- Flexible deployment: windows/linux, cloud/on-site

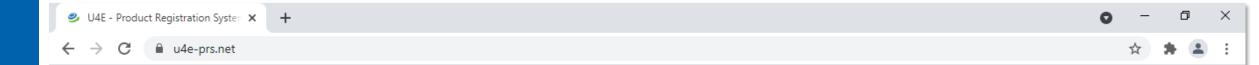


# Live walk through the database



# **Back-up slides**





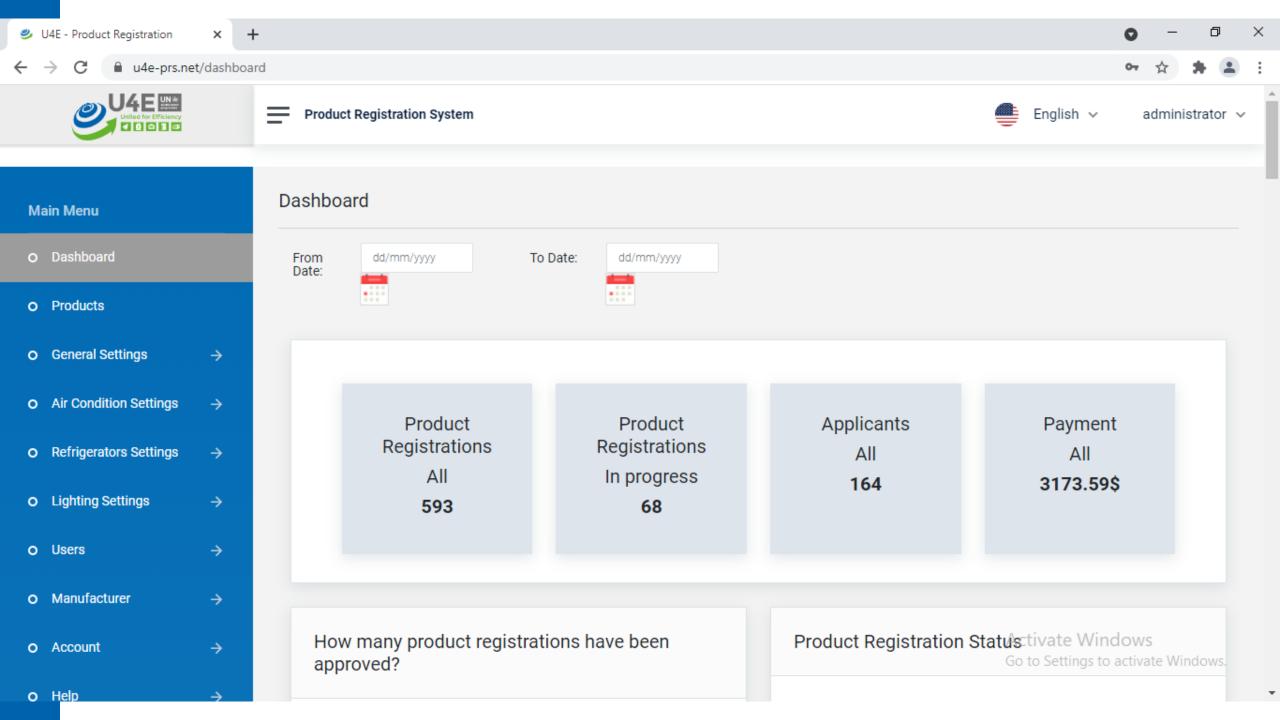
# Welcome to the U4E Product Registration System

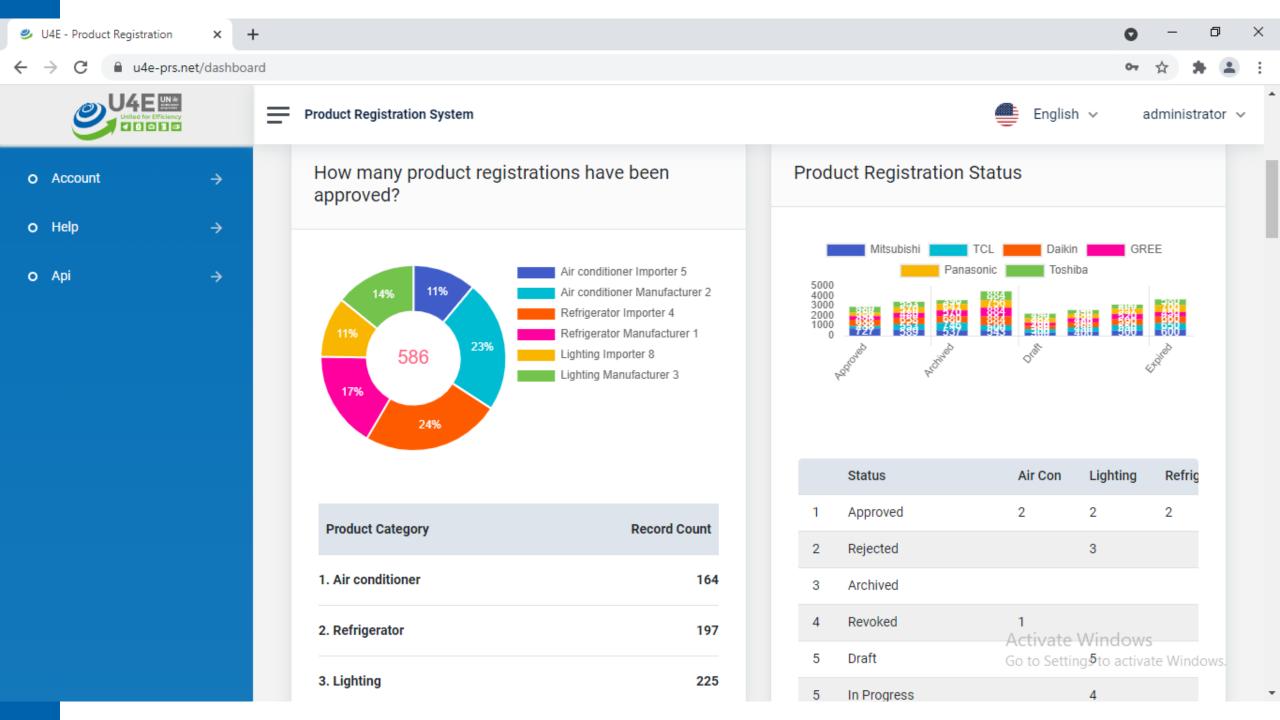
To legally import and or sell a product regulated for energy efficiency

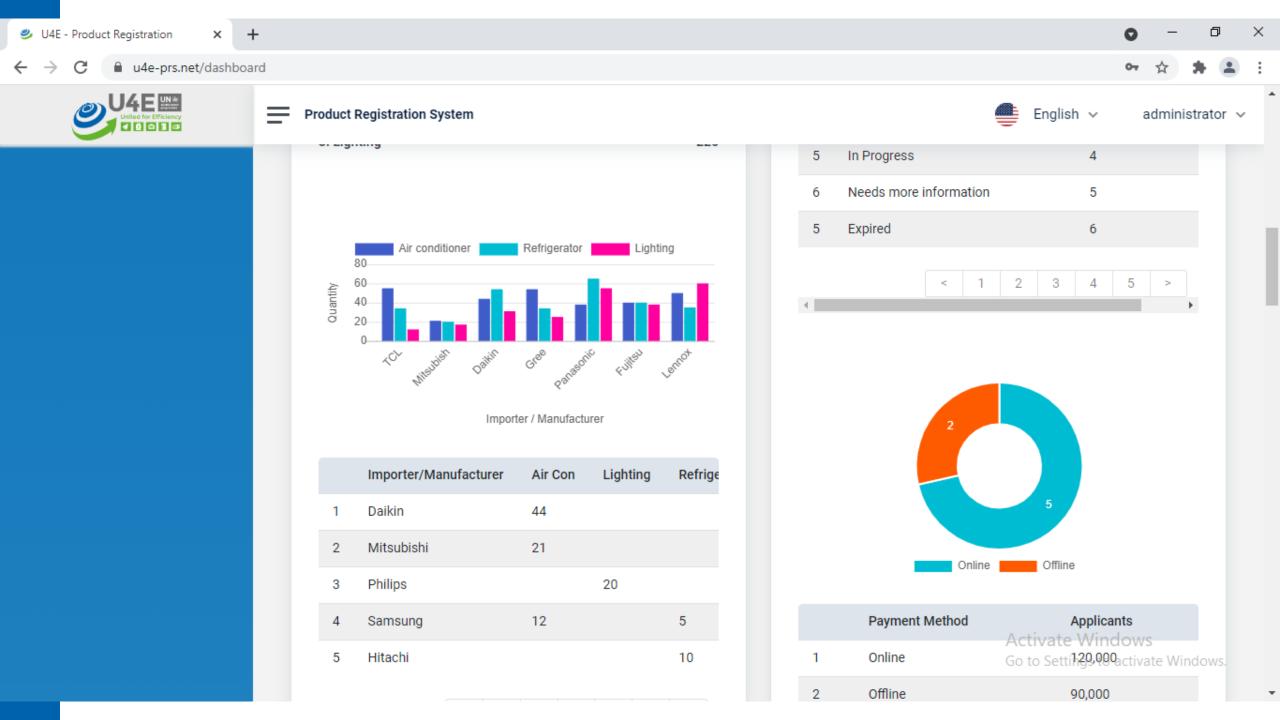
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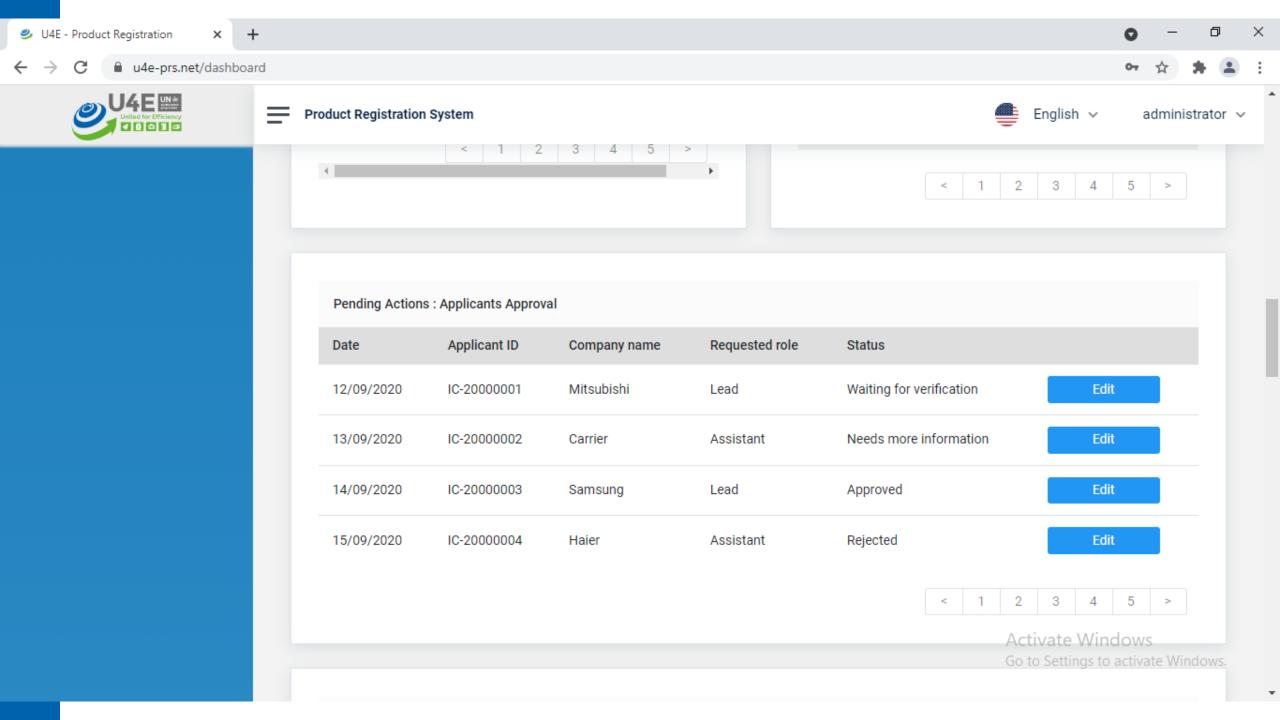


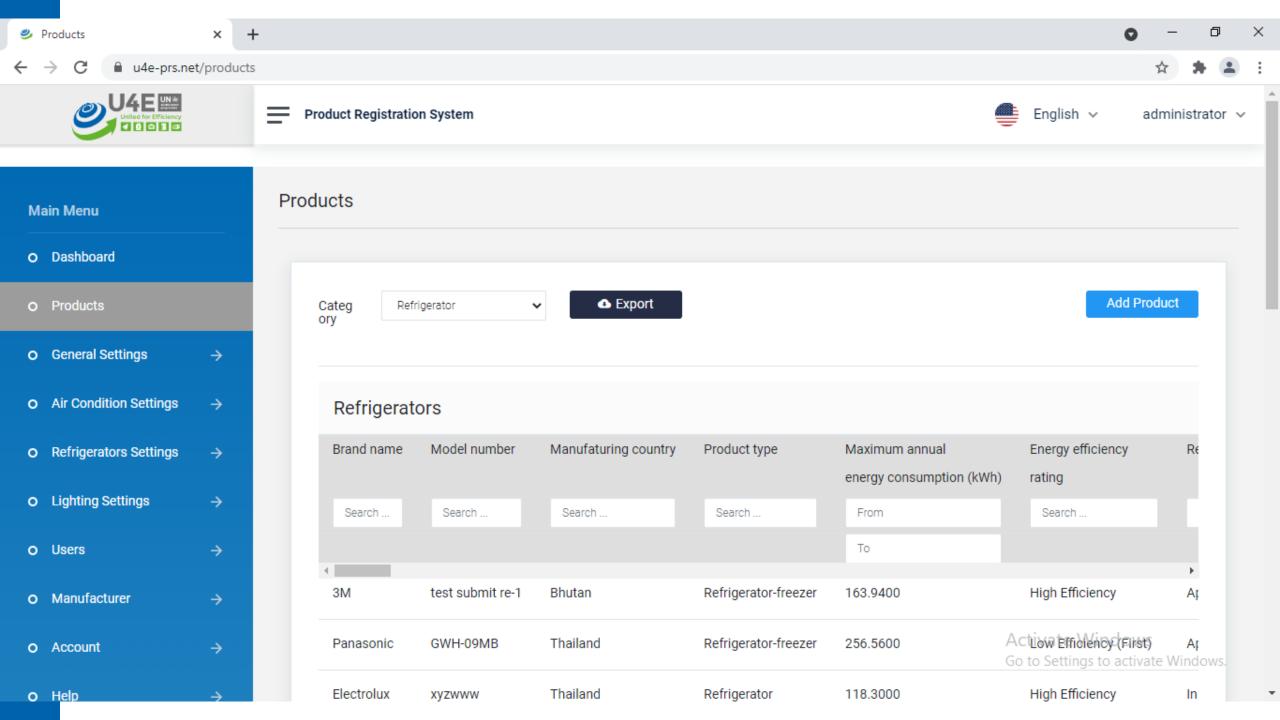
This U4E Product Registration System (PRS) is developed based on the Master Product Registration Framework with a focus on energy-efficient room air conditioners, residential refrigerators and lighting as those are part of the U4E focus products. The Master Product Registration Framework takes into account specific legislation aspects such as product subcategories, Minimum Energy Performance Standard thresholds, and Label categories, etc. This system is intended to be used as the National Product Registration Database Prototype for countries who currently do not have a PRS. Those countries who are interested may utilize this

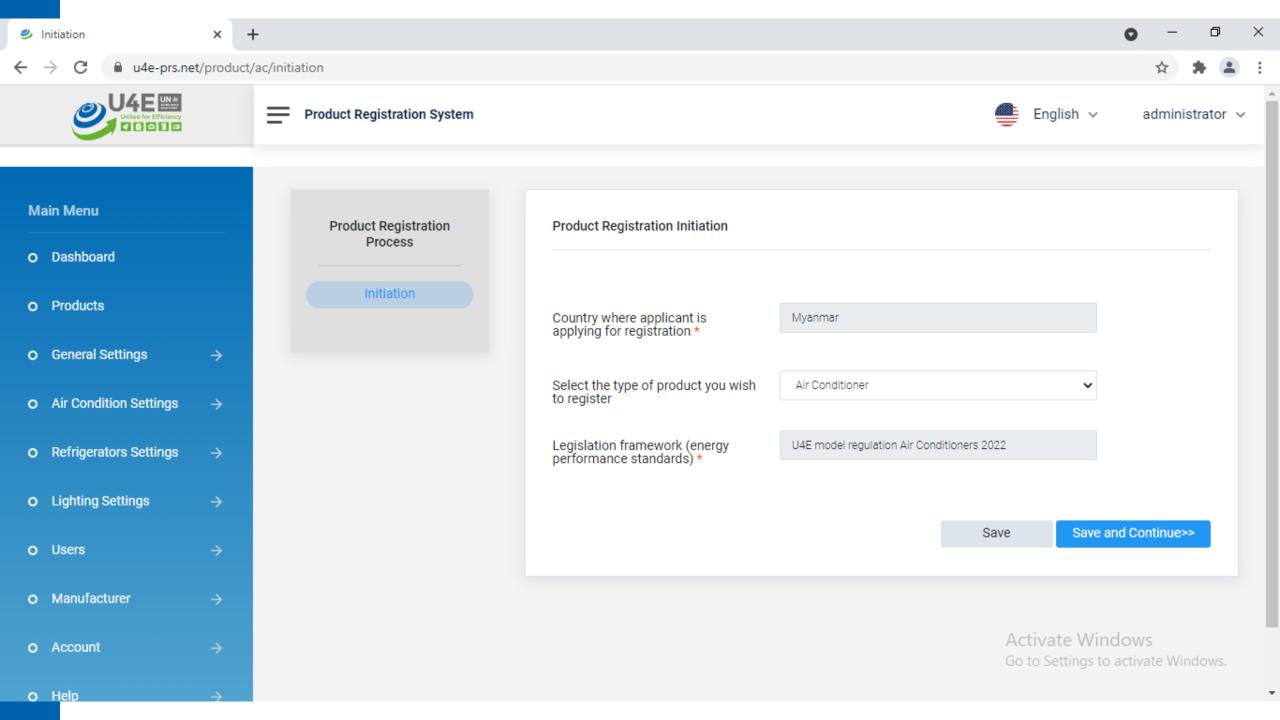


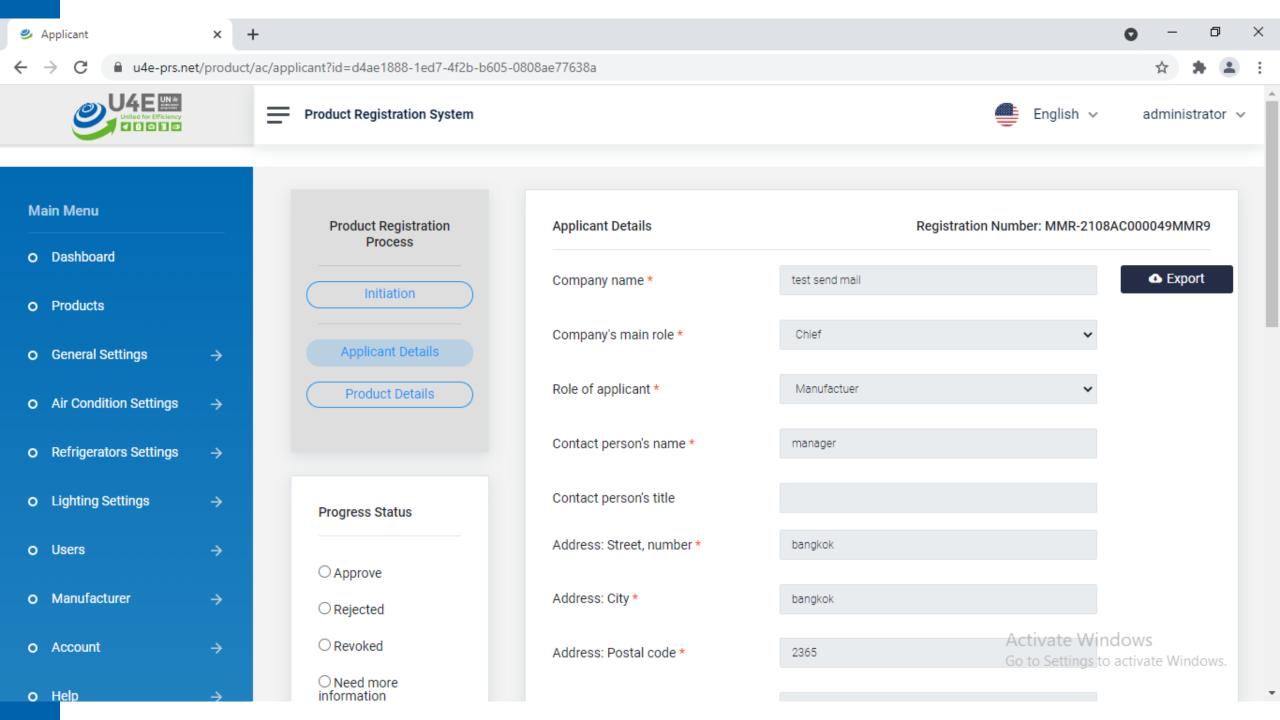


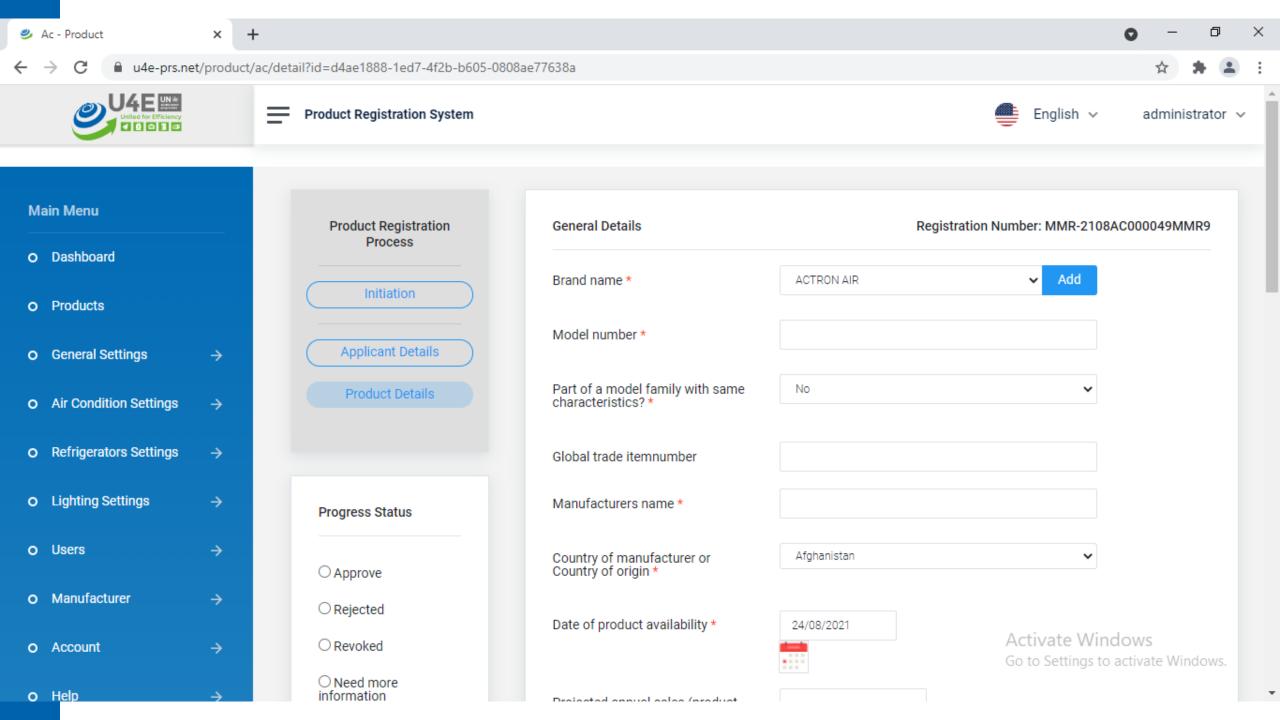


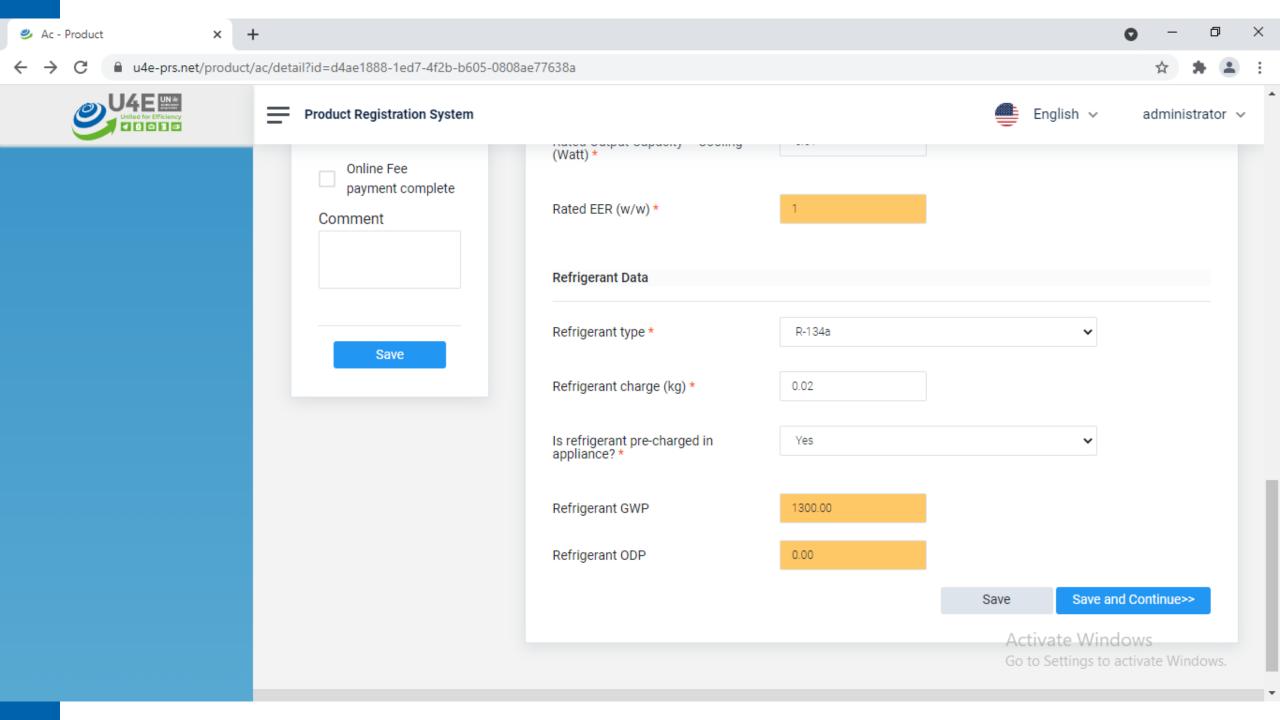


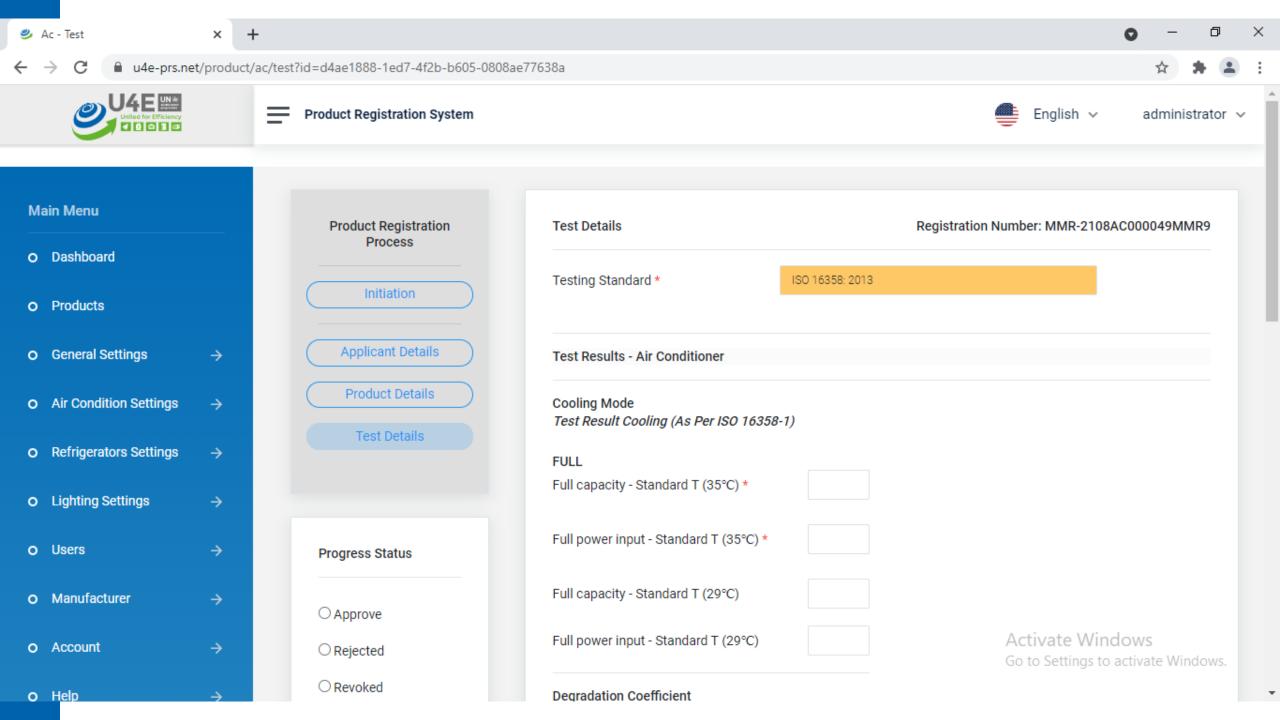


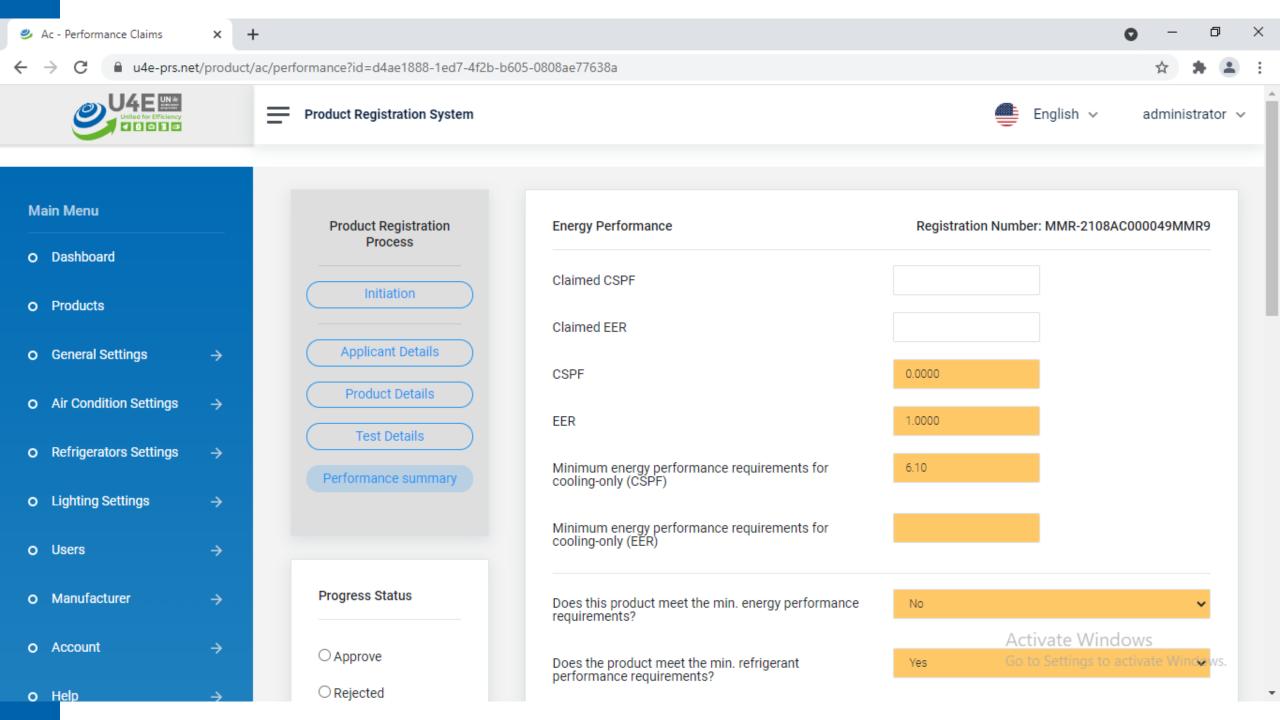


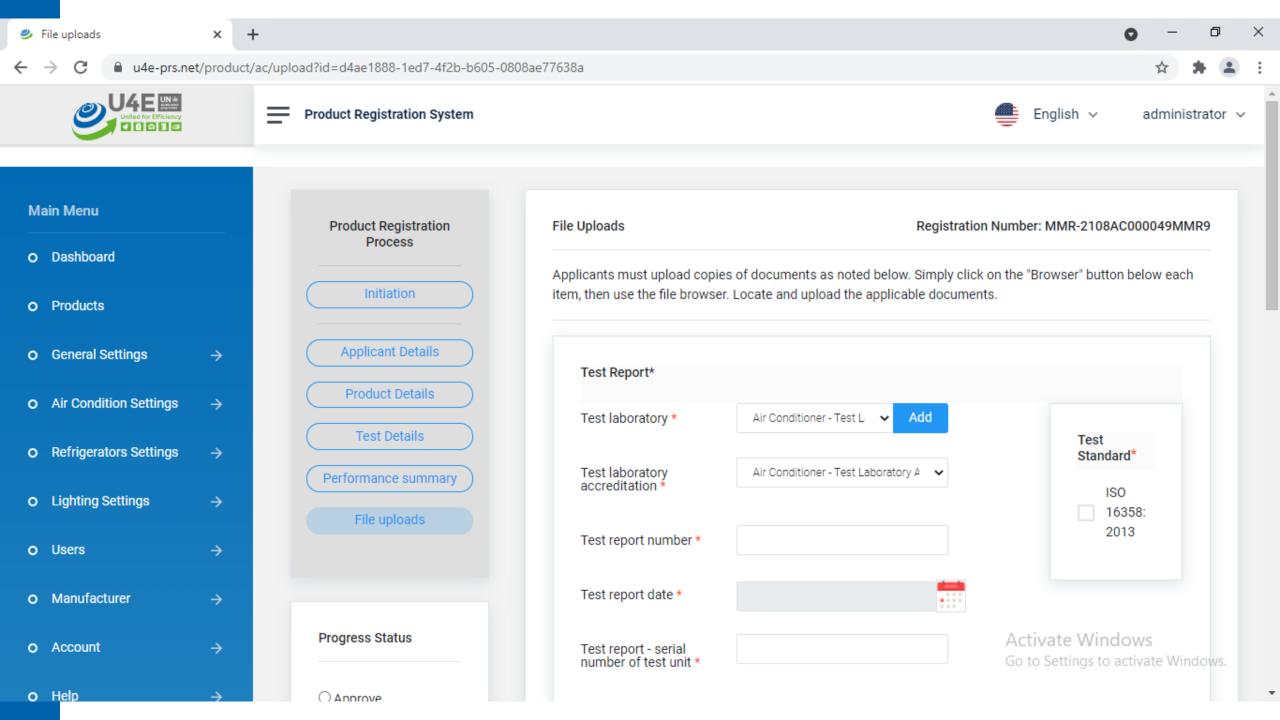


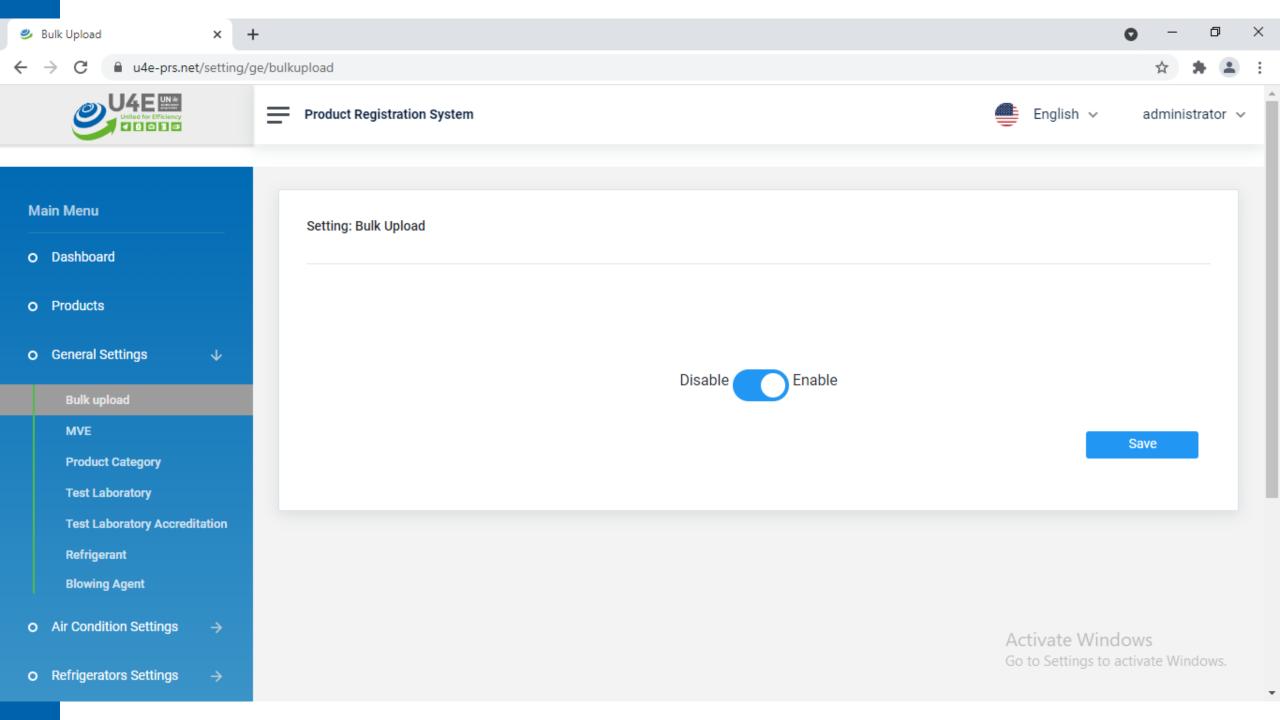


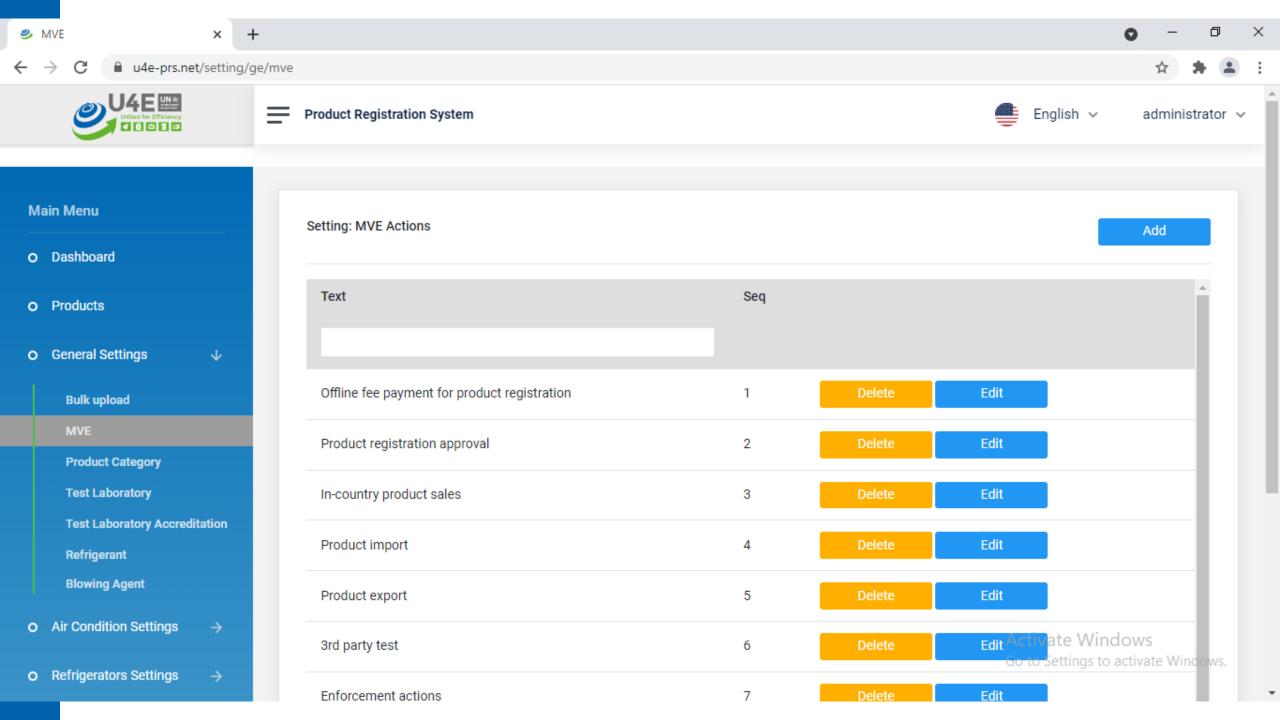


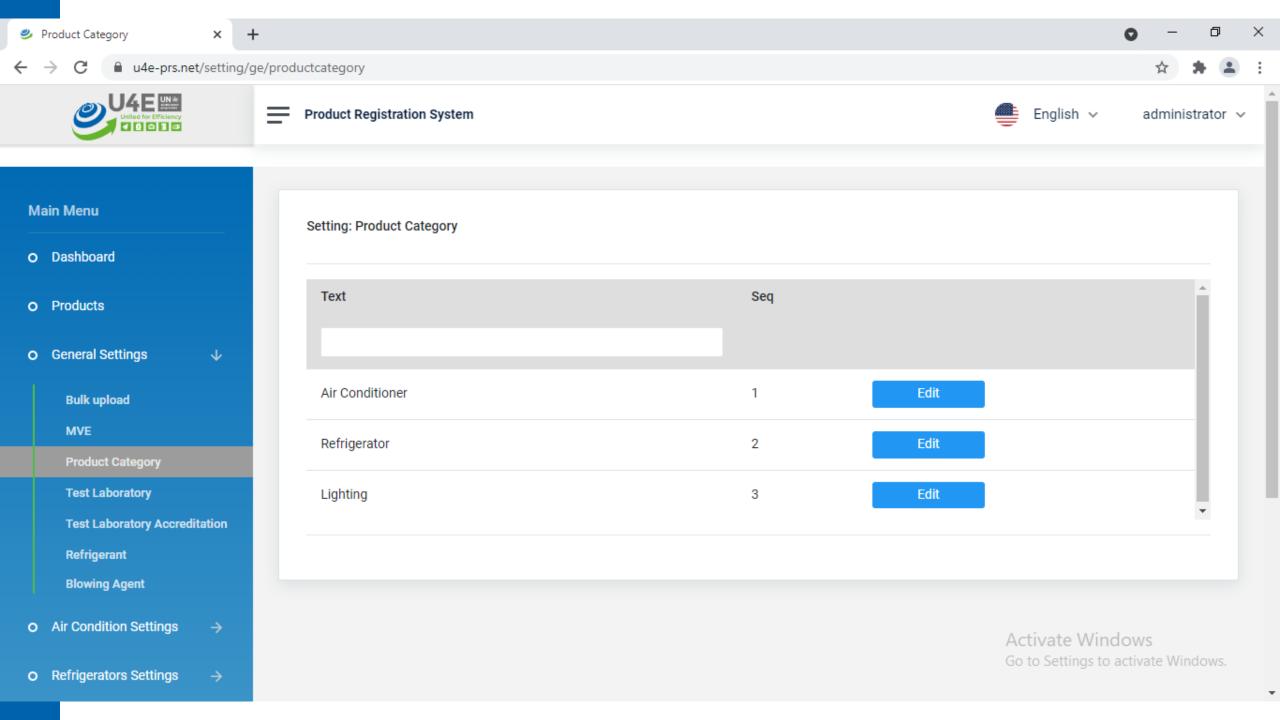


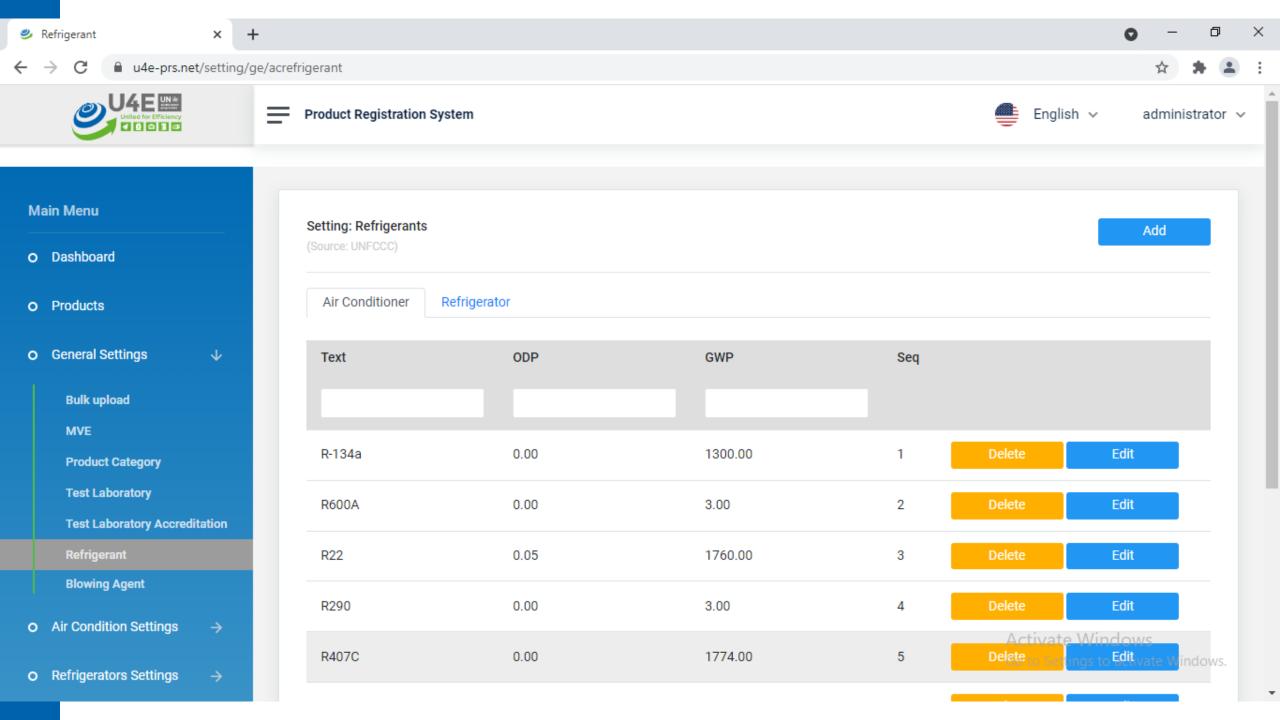


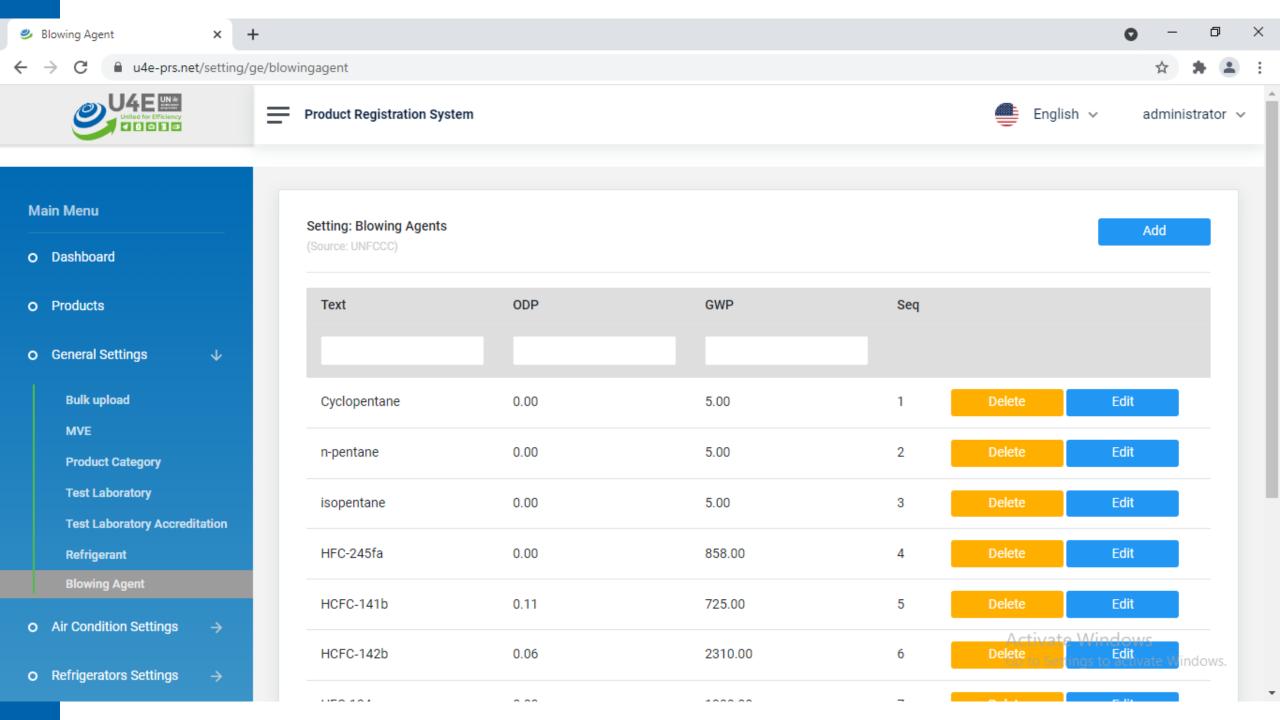


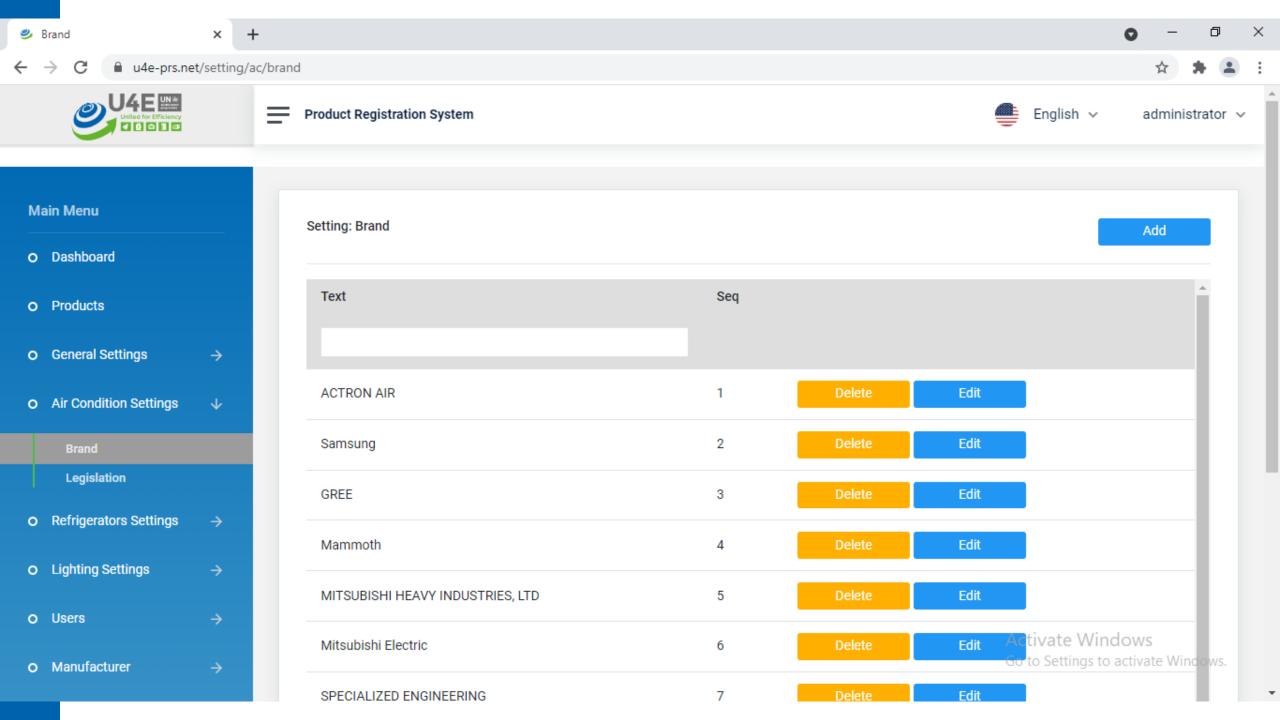


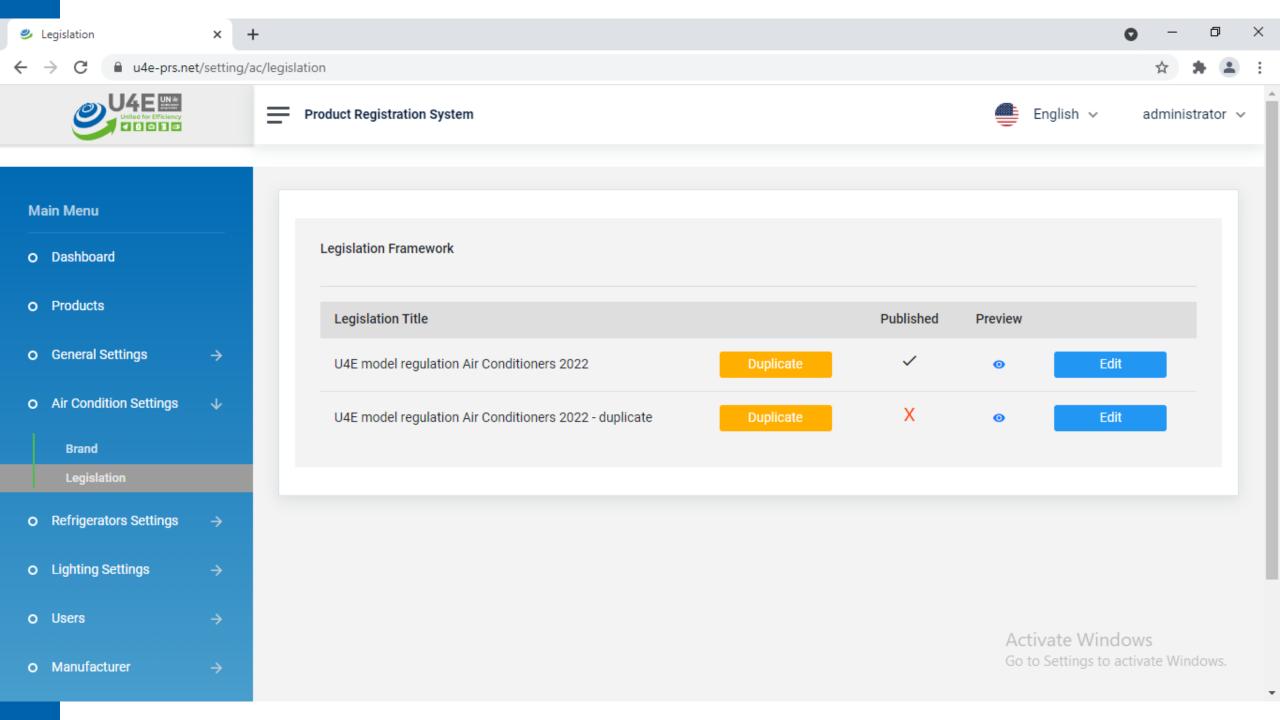


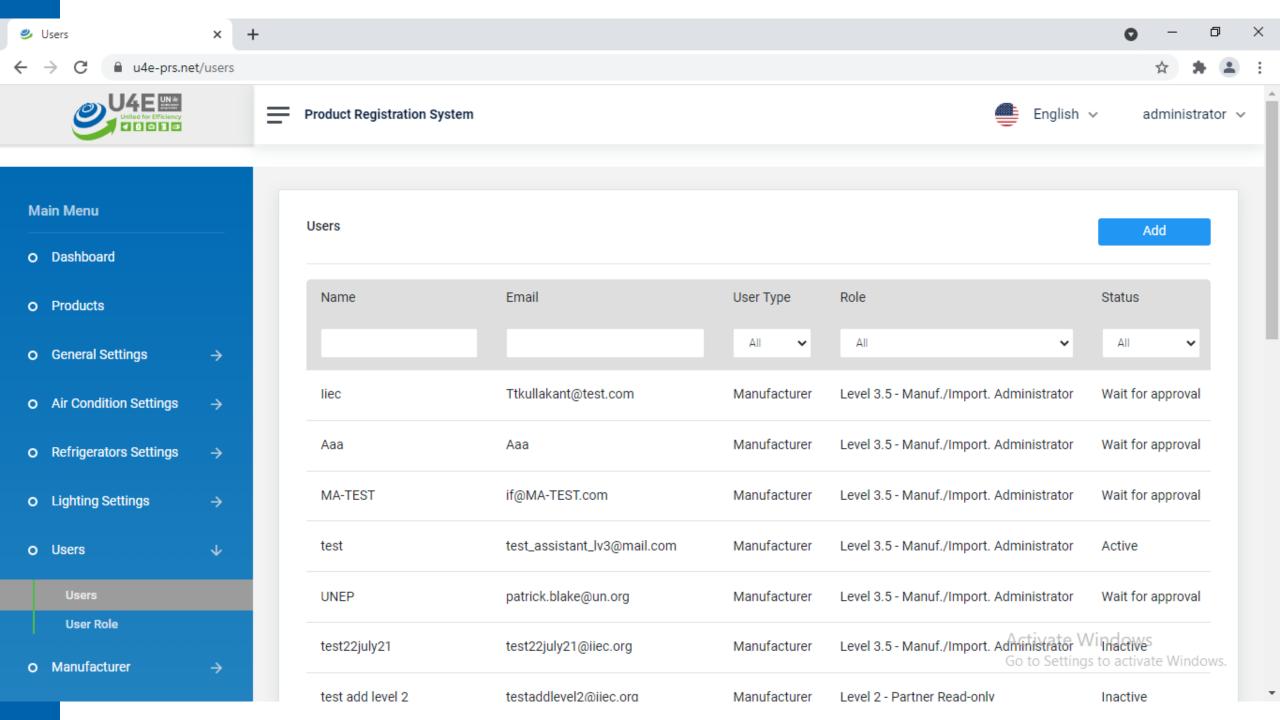


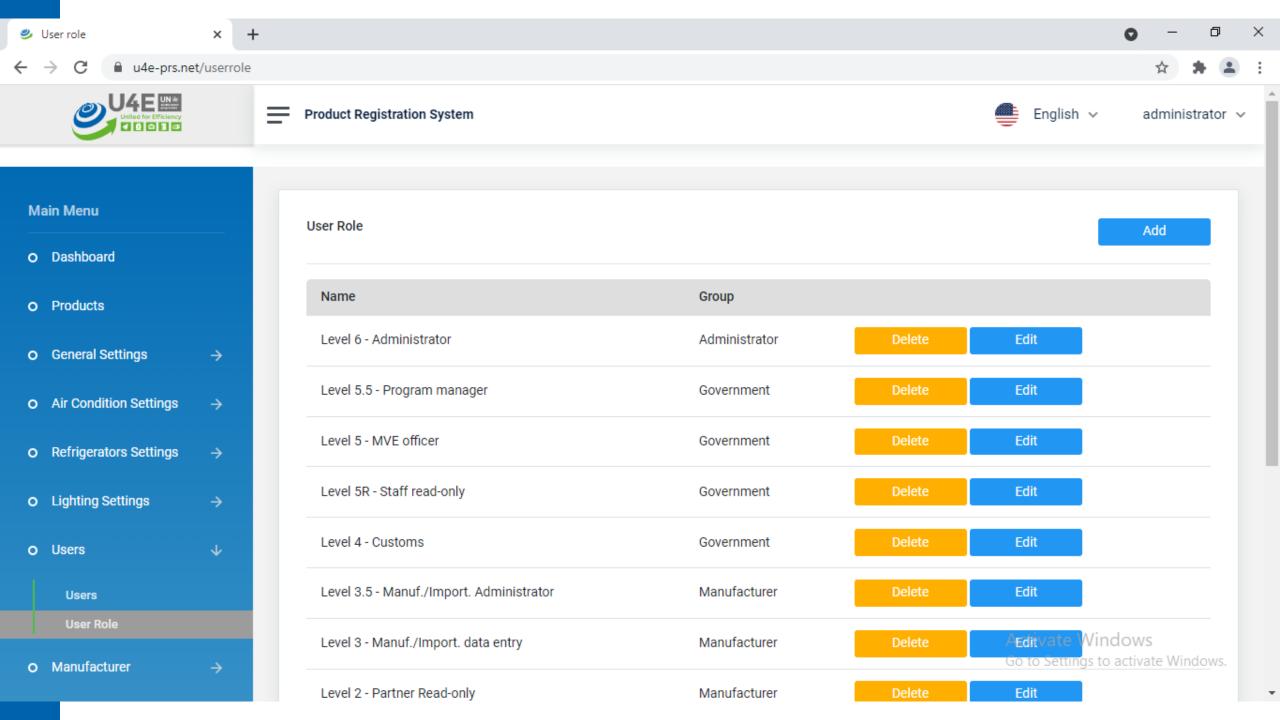


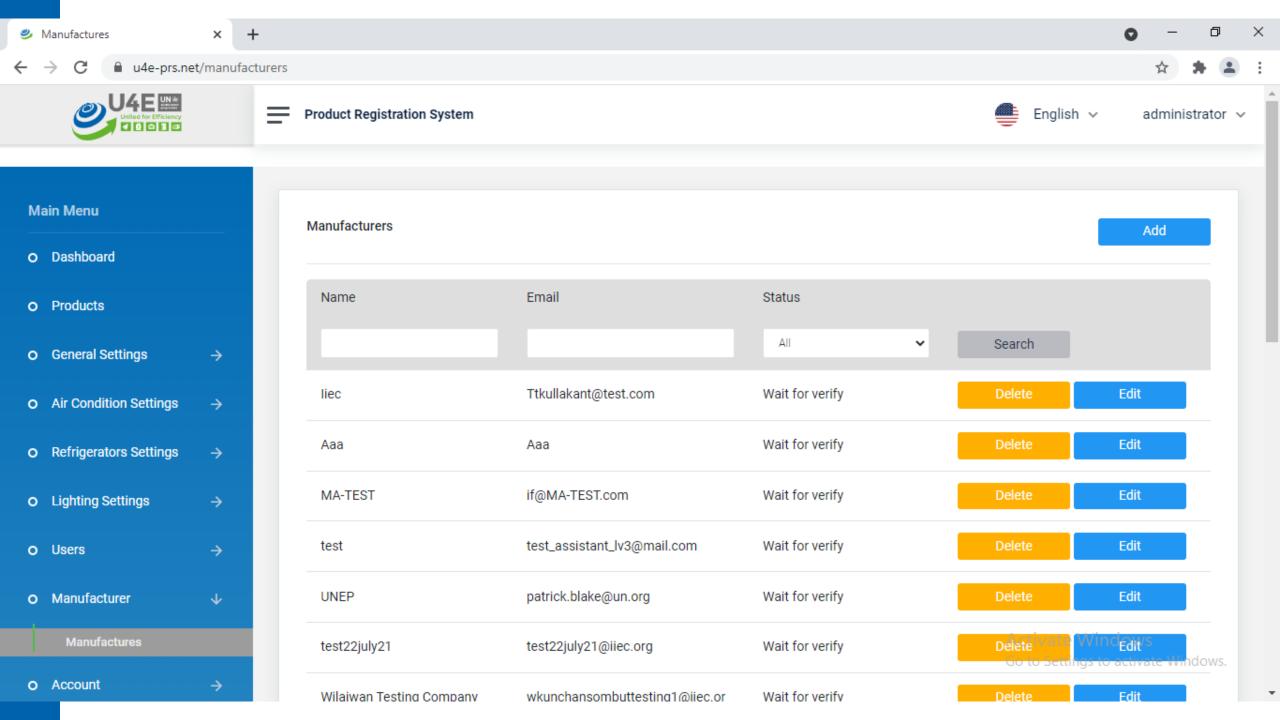


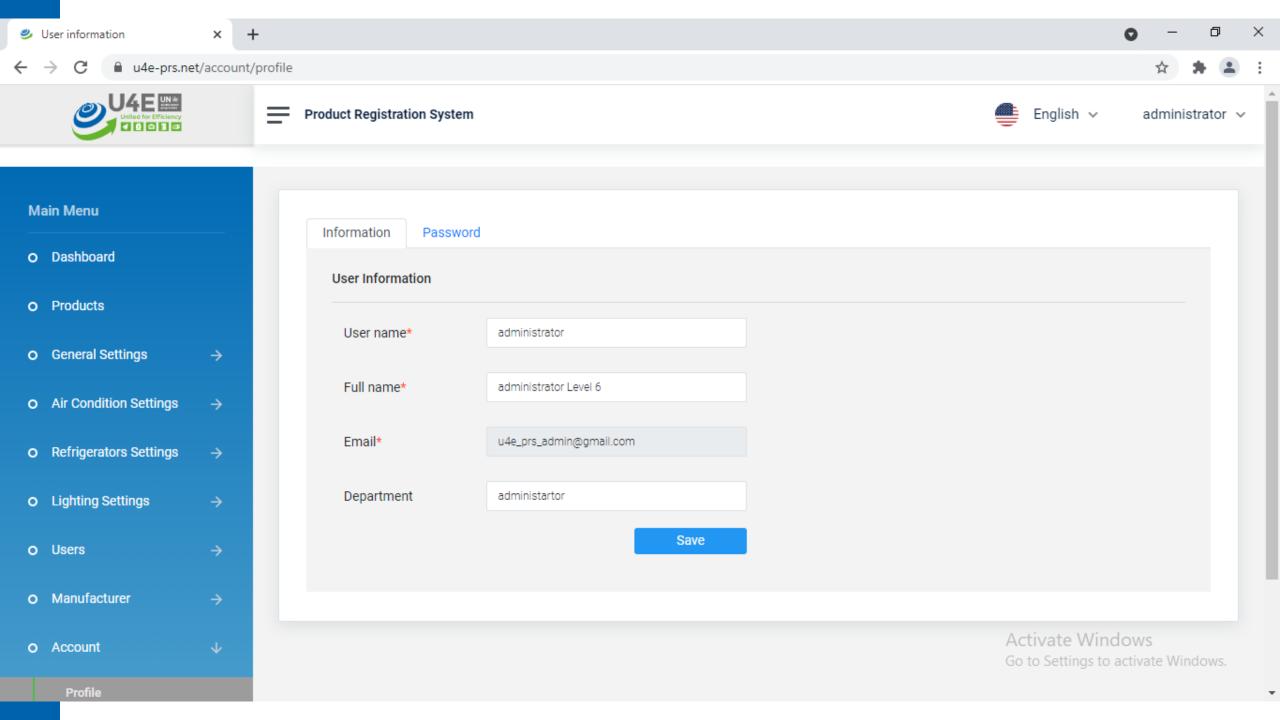














# Contact

TRANSFORMING MARKETS TO ENERGY-EFFICIENT PRODUCTS





