Resources and tools available for implementing a Product Registration System (PRS)

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Overview of functionalities of the Software

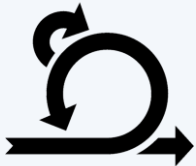**Modular design**

Product categories

User roles (admin, customs…)

Tracking & notification

MVE records

Registration lifecycle

Fee processing

Cert. & labels generation

Bulk product upload

QR compatible

U4E
UN environment
United for Efficiency

WHAT

SUPPORT CAN I GET TO IMPLEMENT A PRODUCT REGISTRATION SYSTEM?

Available for implementation in your country

United for Efficiency Prototype

Available for implementation in your region

United for Efficiency Database

As implemented in Southeast Asia in cooperation with the ASEAN Centre for Energy

Technical specifications for the system and guidance notes on PRS and their benefits are available for download!
GET THEM ALL AT **HTTPS://UNITED4EFFICIENCY.ORG/PRODUCT-REGISTRATION-SYSTEMS**

BENEFITS

Based on best-practice functionalities which can be personalized

U4E guidance to implement the framework

No need to start from scratch

Additional product categories can be added due to the modular structure of the system

Open source

Designed to work with slow connections and data requests

Flexible deployment: Windows/ Linux, cloud/on-site

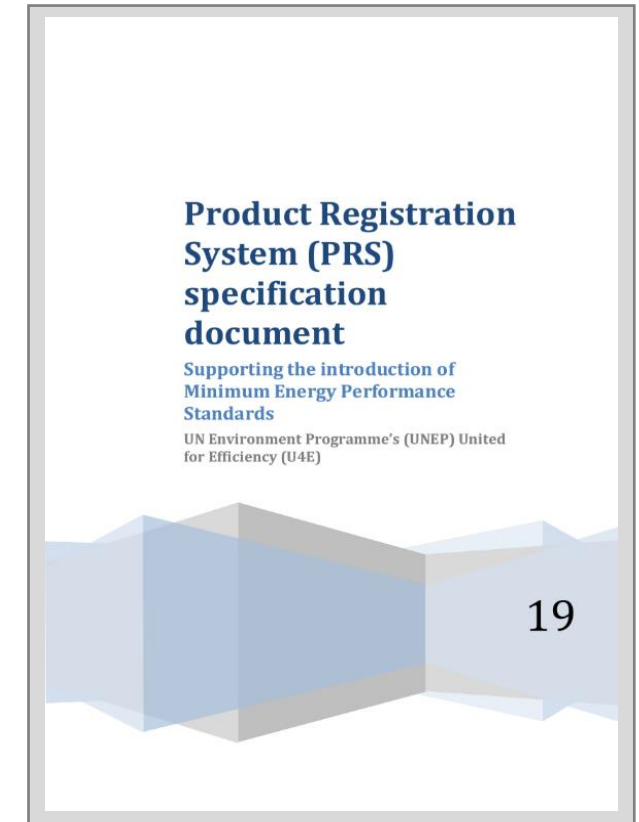# Product Registration System-Guides & Tools

4 Guidance Notes

Initial guidance for interested stakeholders

Outline

Framework with recommended pages and fields

Specifications

Specifications for a software developer to develop a PRS

Resource: https://united4efficiency.org/product-registration-systems/

Simple next steps

REFER

1 Refer to government , IT or other relevant stakeholders

REVIEW

2 Guidance notes, Outline and Specification documents

REVERT

3 Express your interest at unep-u4e@un.org

RECONNECT

4 U4E shall support in implementation of the PRS

REFER
↓
REVIEW
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Guidance Notes

Outline

Specifications
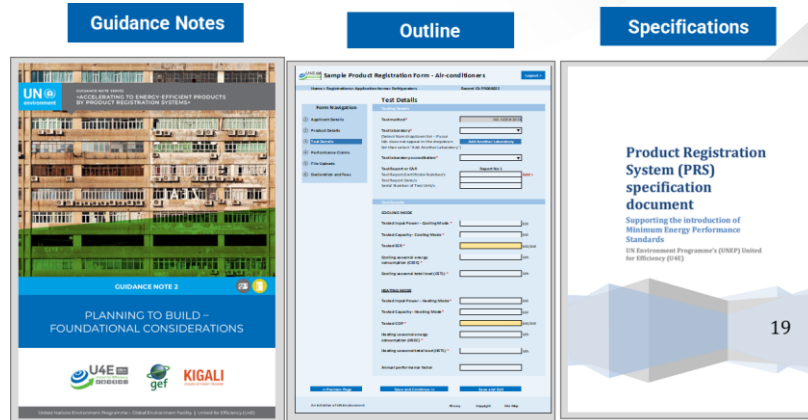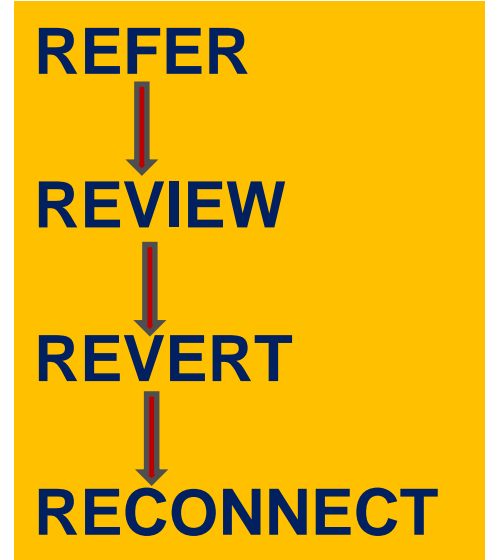
Contact

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Overview of technical details of Software

- **Designed as an online system to use** *cloud-based database management system (DBMS)* **to store, retrieve and manage data.**

Advantages:

- **Sharing of Data & Privacy -** Various **levels of authorization** to access the data, and consequently the data can only be shared based on the correct authorization protocols being followed.

- **Data Security - Only authorized users** should be allowed to access the database and their identity is authenticated using a username and password.

- **Data Consistency -** Any **changes made to the database are immediately reflected** to all user levels and the data is same for all users viewing the database.

Technology used:

- Node.JS

- MySQL database

- Bootstrap front-end