



LIFE Integrated Projects 2016

Optimising the implementation of the 2nd RBMP in the Malta River Basin District

LIFE 16 IPE MT 000008



Action C.2:

Water Eco-label Scheme

Deliverable 2B: Development of a Preliminary Methodology of the Water Eco-label Scheme at local level

March 2024



28th March 2024

Deliverable 2B

Development and establishment of a national voluntary water Eco-Labelling Scheme for Water Efficient Devices and Appliances

Energy and Water Agency

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Introduction

This report aims to propose a formal methodology for the Water Eco-label Scheme at the local level. This eco-label scheme is designed to encompass the following product categories:

1. Plumbing products, including but not limited to taps, showers, flow regulators/controllers, toilets, and urinals (referred to as category 1 products).
2. White goods such as washing machines and dishwashers (referred to as category 2 products).

Throughout this report, the aforementioned product categories will be denoted in parentheses as Cat. 1 and Cat. 2 products, respectively. In the previous phase of this project various eco-labels at the European and international levels were analysed and evaluated. Please refer to the reports 2A.1 and 2A.2 for further information on the analysed water eco-labels.

In the formulation of the methodology for the water eco-label scheme in Malta, thorough consideration was given to all the labels that were scrutinised in the preceding reports. Nevertheless, three labels out of the 14 options were determined to be the most suitable for meeting the stipulated requirements, with a specific focus on the implementation methodology's objectives. The primary labels that were given prominent consideration in this context are the Unified Water Label (UWL), the Australian Water Efficiency Labelling Scheme (WELS) and the Mandatory Water Efficiency Labelling (MWELS).

Malta is advised to affiliate itself with the UWL in order to oversee and incorporate Category 1 products (Plumbing products, including but not limited to taps, showers, flow regulators/controllers, toilets, and urinals). By affiliating with the UWL, Malta stands to benefit from a streamlined implementation process for a water-label scheme, as it would become a part of a label that has already been adopted by 34 European countries, made mandatory in Egypt, and is set to merge with the Portuguese label Anqip by the end of year 2023. Additionally, the UWL has been included in ISO 31600 as a model for water eco-labels, serving as a reference for other stakeholders seeking to develop their own labels. The uptake of the UWL is noteworthy, with 16,380 products registered as of October 26, 2023, and an additional 3,836 new products registered between 2019 and 2023.

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To regulate Category 2 products (washing machines and dishwashers), it is proposed to create a label known as "EcoFlow Malta." It is important to note that, as of now, EcoFlow Malta is not an existing or established eco-label; rather, it is being suggested as the name for the eco-label that will be developed and implemented as part of this specific project. EcoFlow Malta will encompass Category 2 products that are already endorsed by the eco-labels WELS and MWELS. Additionally, it will include products that have been integrated into the European Product Registry for Energy Labelling (EPREL).

It is pertinent to note that ISO 31600, which defines the prerequisites for water efficiency labelling programs, incorporates criteria for Category 2 products that closely resemble those of the Australian WELS label. Both ISO 31600 and the Australian Standard 6400-2016 adhere to identical water efficiency rating criteria when evaluating washing machines and dishwashers. The shared criteria underscore a harmonized approach in assessing the water efficiency of these appliances, ensuring consistency and standardization in the evaluation process between these two internationally recognized standards. This is because ISO 31600 was created also on the basis of other water-efficiency standards such as the Australian Standard 6400-2016. Furthermore, WELS and MWELS labels have been utilised as models in the formulation of the requirements for ISO 31600 and serves as an example for the development of other water eco-labels.

Regarding Category 2 products, while our current suggestion involves a "new" label based on products covered by other existing labels, it's crucial to note that the Unified Water Label (UWL) has indicated plans to incorporate white goods products by spring 2024. This information may be pertinent for considerations regarding the labelling of Category 2 products in Malta.

The following points will enumerate the principal information and prerequisites for the alignment and/or development of both labels. The below content collectively constitutes the establishment of a national water eco-labelling scheme intended to encompass products belonging to both Category 1 and Category 2.

Amendment: The proposed methodology outlined above underwent discussion in March 2024 between the entity overseeing the Water Eco-label Scheme project and the government. Subsequent deliberations concluded that the requested approach would entail a unified labeling system encompassing both product categories 1 and 2. Consequently, an amendment to this report introduces a secondary option aimed at encompassing products falling under category 1, which will be integrated into the proposed Maltese label "EcoFlow Malta." Henceforth, throughout the report, the proposed methodologies for covering products in category 1 will be denoted as follows:

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- Option 1 – Affiliation with UWL
- Option 2 – Inclusion of Category 1 products under the proposed "EcoFlow Malta" label

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Functional overview of suggested water labels

The detailed explanation of the proposed eco-water labels is provided from point 1 to 6 of this report.

This section aims to elucidate the operational mechanisms of the two labels within the context of Malta. The decision to propose two distinct labels stems from the current absence of a European label covering both product categories outlined in this project. To reiterate, the products within the scope of this initiative are categorized as follows:

1. Plumbing products, including, but not limited to, taps, showers, flow regulators/controllers, toilets, and urinals (referred to as category 1 products).
2. White goods such as washing machines and dishwashers (referred to as category 2 products).

For Category 1 products, as mentioned in the aforementioned amendment, two options have been proposed.

Option 1 - the proposal is to align with the Unified Water Label (UWL) due to its widespread acceptance compared to other eco-water labels in the European Union. Additionally, forging an alliance with an established label presents a more economically viable option for Malta compared to the establishment of a new label along with its associated resource allocation. Notably, this label covers all products falling under category 1.

The operational mechanism of the UWL is straightforward. In Malta, suppliers/importers are required to register their products through the following steps:

1. Complete and submit the registration and declaration of conformity forms, as detailed in Annex 1 and 2 of this report, to UWL. Upon acceptance, a unique registration code will be generated.
2. Use the provided code to register products online, and access to the label will be granted once the first product registration is uploaded.
3. Opt for individual product registration or choose bulk registration to upload multiple registrations simultaneously.

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4. A UWLA administrator will review the submitted information. Once approved, the system will permit the details of the supplier/importer and products to be uploaded into the UWL database and website.
5. Submit images of the registered products to UWL for inclusion in the online database.

The registration fees for Category 1 products covered by UWL can be found in Annex 3 of this report. For more detailed information regarding the registration process, please visit the following link: <https://uwla.eu/registration/>.

Option 2 – The products will exhibit the same efficiency indicators as outlined in option 1. Particularly the Management of this label will be overseen locally in Malta. This option provides the opportunity to cover products of category 1 by referring to the efficiency levels indicated on the UWL label when available. Otherwise, it relies on the efficiency of the water products based on the information provided by the supplier/importer/manufacturer.

To encompass Category 2 products, specifically washing machines and dishwashers, within the eco-water labelling project, it is recommended to establish a label named "EcoFlow" Malta. "EcoFlow Malta" will include products falling under the water eco-labels WELS and MWELS, as well as those listed into the European Product Registry for Energy Labelling (EPREL).

The registration process will generally adhere to the following points. However, the specifics of these steps may vary based on the characteristics and options outlined between points 1 and 6 in this report. The registration procedure for products under "EcoFlow Malta" is detailed as follows:

1. **Supplier/Importer Registration:**

- Suppliers or importers will register their washing machines or dishwashers with "EcoFlow Malta" by submitting comprehensive information to the label's administrator. This includes details such as brand, model, and year of construction.

2. **Administrator Check:**

- The label's administrator will verify and determine the water efficiency rating of the product using one of the following portals: WELS, MWELS, or EPREL Portal. If the product is not listed in these databases, the water

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consumption declared by the manufacturer or supplier might be considered.

3. Conversion to EcoFlow Malta Rating:

- The water efficiency level obtained from the selected portal or the manufacturer will be converted to the rating of the "EcoFlow Malta" label, as outlined in point 2 of this report. The EcoFlow Malta rating has been designed to closely align with that of the UWL, minimizing confusion for customers dealing with two different labels.

The proposed portals for cross-checking the availability of Category 2 products are affiliated with WELS, MWELS labels, and the European registry for energy products. These portals ensure thorough scrutiny and verification of product information within their respective domains.

- WELS Label - <https://wels.agriculture.gov.au/wels-public/action/search-product-load?src=menu&code=CLOTWAMA>
- MWELS Label – <https://app.pub.gov.sg/wels/Pages/ListOfProducts.aspx>
- EPREL Portal - <https://eprel.ec.europa.eu/screen/home>

The suggestion to establish an eco-water label for Category 2 products, based on existing eco-water labels, is grounded in the consideration that implementing a label with an auditing procedure may not be highly economical feasible for Malta. This is particularly evident when examining the substantial resources invested by labels like WELS in managing and operating their systems.

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1. Management and administration of such label

1.1 What are the administrative requirements necessary for the development, management and maintenance of such the eco-label system?

To ensure the effectiveness and credibility of an eco-label system, it must be developed, managed, and maintained with careful regard to administrative needs. As a starting point, it is important to highlight the major administrative criteria for developing, managing, and maintaining an eco-label system. Below are listed the common administrative criteria for both labels.

1. Legal and Regulatory Compliance - Ensure that the eco-label system is in accordance with all applicable local, national, and international laws and regulations. Furthermore, obtain any licenses or approvals required from the regulatory authorities.

2. Governance of the Label - Create a clear governance structure that explains the duties and responsibilities of all stakeholders participating in the eco-label system, including administrators, certifying agencies, and suppliers/manufacturers.

3. Standard Development - Create and maintain clear, transparent eco-label standards that outline the criteria and conditions for product certification. In the development of the standards, it is important to include technical stakeholders on the subject, such as environmental specialists, industry representatives, and consumer advocates.

4. Accountability and transparency - Keep the eco-label system transparent in all aspects, including standards, certification processes, and decision-making.

5. Monitoring and Improvement - Implement a mechanism for continual monitoring of certified products to ensure continued compliance with eco-label standards. Establish penalties for noncompliance, including the removal from the eco-label.

6. Data Management and Reporting - Create a system for collecting, managing, and analysing data linked to certified items.

7. Public Awareness and Education - Implement educational programmes to educate consumers, producers, and other stakeholders about the eco-label system and its benefits. Implement a system to advertise the Label through numerous communication channels.

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8. Financial Management - Create a long-term funding plan for the eco-label system to cover administrative costs, certification processes, and promotional efforts. Look into fee structures for manufactures who want to be certified.

9. International Recognition (optional) - Seek international registration or accreditation for the eco-label system, if applicable, to increase its credibility and acceptance in worldwide markets.

10. Documentation and Record Keeping - Maintain detailed records of all certification decisions, appeals, and complaints for transparency and accountability.

The requirements have been analysed in the context of the UWL, as alignment with this label is recommended. The information has been gathered and summarized in the table below, drawing from discussions with the Managing Director of the UWL label and online research.

Option 1 (UWL) - Cat. 1 products
<p>1. Legal and Regulatory Compliance – The compliance of the Label has been explored in the report 2A.2. Furthermore, the technical criteria for all categories of covered products are in alignment with established, recognized European and national standards. Such criteria are available to be downloaded on UWLA’s website https://uwla.eu/technical-criteria</p> <p>2. Governance of the Label - The Unified Water Label Association operates under the governance of an elected board of directors, who concurrently oversee the management of the Unified Water Label. A steering committee plays a pivotal role in defining and directing the course of the scheme. The administration of the scheme falls under the responsibility of the Unified Water Label Association, guided by an elected Board responsible for its governance and supervision. An employed secretariat manages a centralized portal.</p> <p>3. Standard Development – The standards and criteria of the label are readily accessible to all interested parties. These standards are categorized by product type and are characterized by their comprehensive and detailed delineation of the stipulated requirements. They can be accessed through the following link: https://uwla.eu/professional/</p> <p>4. Certifying Bodies Accreditation (optional) – The label necessitates that product testing is carried out by laboratories operating in accordance with ISO 17025 standards.</p> <p>5. The Certification Procedure - The UWLA has established formal registration and audit procedures for suppliers and manufacturers seeking participation in the scheme.</p>

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6. Accountability and transparency – All information regarding the registration procedure, criteria and rules and regulations are available on UWLA's website. For further information refer to the link: <https://uwla.eu/registration/>.

7. Monitoring and Improvement – To ensure continued compliance the UWLA has established an Audit procedure.

8. Data Management – The UWL offers a dedicated website where comprehensive data and performance metrics of the registered products and information for manufacturers/suppliers are accessible to all stakeholders.

9. Public Awareness and Education - The UWLA has been actively collaborating with its partners to impart knowledge about the environmental implications associated with water-consuming bathroom products. The label strives to empower consumers in making conscientious decisions regarding water conservation.

10. Financial Management – The label sustains itself with a procedure where suppliers and manufacturers pay a registration fee which sustains the expenditures of the label.

11. International Recognition (optional) – The label has been recognised within the ISO 31600 as the endorsed scheme for Europe.

12. Documentation and Record Keeping – The label incorporates diligent record-keeping procedures. Furthermore, the label's website hosts an array of documents covering various aspects of the label's operations.

1.2 Assessing the positive and negative aspects of a voluntary or mandatory label

According to report 2A.2, only four of the fourteen assessed eco water-labels have applied mandatory governance to their labels. Water Efficiency Labelling and Standards (WELS), Mandatory Water Efficiency Labelling Scheme (MWELS), Chinese Water Efficiency Label (CWEL), and The Green Labelling Scheme for Water Fixtures (ESMA) are the mandatory labels that have been evaluated. The labels are respectively based in Australia, Singapore, China, and the United Arab Emirates (UAE). All four Labels are led by their respective governments. The WELS programme appears to be quite successfulⁱ and has an important impact on water consumption in urban Australia.

In a meeting with the WELS representatives, it was underlined that the success of the Australian label primarily stemmed from its mandatory regulatory framework. The label commenced in 1988 as voluntary scheme and the participation of suppliers and manufacturers tended to be common only among reputable brands willing to commit to the label's standards. Since 2005, when the label was made mandatory, it experienced substantial success. For consumers, a voluntary system can create challenges in making product comparisons in respect to water consumption.

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The popularity of water labels in general, and in Australia and Singapore in particular, cannot be solely attributable to the nature of their governance. A label of mandatory nature has an easier path to obtain a positive uptake. However, voluntary schemes analysed in the report 2A.1 such as The Unified Water Label Association (UWLA) and WaterSense, respectively operating in Europe and the USA also seem to have a good uptake. Therefore, other factors such as fees, marketing, standards, and regulations might play an important role on the success of water-labels.

The following points delineate the primary positive and negative attributes linked to both voluntary and mandatory label schemes.

Positive aspects of a Voluntary Label:

1. Market Participation: Voluntary labels tend to attract companies and products that are genuinely committed to sustainability and are willing to go the extra mile to meet the label's standards. Voluntary water eco-label scheme enhances acceptance among suppliers, fostering a greater willingness to participate in environmentally conscious practices.
2. Innovation Incentive: Voluntary labels can encourage companies to innovate and develop more environmentally friendly products to gain a competitive edge.
3. Reduced Administrative Burden: Since participation is optional, there may be fewer administrative requirements and costs for both businesses and government agencies.

Negative aspects of a Voluntary Label:

1. Limited Market Coverage: Voluntary labels may not cover the entire market, leaving room for non-compliant products to remain on the market.
2. Consumer Confusion: Consumers may find it challenging to differentiate between products with and without the label, potentially leading to confusion and greenwashing.

Positive aspects of a Mandatory Label:

1. Adoption: Mandatory labelling covers a bigger section of the market, lowering the existence of non-compliant products.
2. Consumer Clarity: Mandatory labels can provide clear and consistent information to customers, allowing them to make informed purchasing decisions.
3. Level Playing Field: Because all businesses are held to the same standards, competition is played on a level playing field.

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4. Environmental Impact: Because mandatory labels touch a bigger section of the market, they have the potential to have a greater positive impact on the environment.

Negative aspects of a Mandatory scheme include:

1. Resistance and Compliance expenses: Some businesses may initially challenge mandatory labels due to compliance expenses, particularly if significant changes to their products are required.
2. Lower Potential for Innovation: When laws are overly rigid, they have the potential to impede innovation by limiting product design freedom.
3. Implementation Can Be Expensive: Implementing and enforcing mandated labels can be more costly than voluntary schemes for government entities.

1.2 Assessing the positive and negative aspects of a voluntary or mandatory label		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) - Cat. 1 products	EcoFlow Malta - Cat. 2 products
The UWL has been adopted as a voluntary scheme in most of the countries. Only in Egypt the label has been adopted as a mandatory scheme.	While the primary goal of this project is to establish a voluntary scheme, it is worthwhile to examine the positive and negative aspects of both governance types.	

1.3 Who will be responsible for the registration of the water eco-label?

The obligation for registering a water eco-label varies depending on the eco-label and the organisation or entity in charge of it. In general, it may be managed by governmental environmental agencies, industry associations, or independent environmental certification organisations.

Government environmental authorities or regulatory bodies, for example, may oversee or endorse eco-labels relating to water conservation and sustainability in some countries.

Non-governmental organisations (NGOs) or industry groups concerned with water conservation and environmental issues may also establish and manage their own water eco-labels. These organisations create the criteria, evaluate the items or services, and award the eco-label to eligible applicants.

In report 2A.1, the classification and oversight of the 14 enumerated water labels were delineated, highlighting the specific types of organizations responsible for their

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management. A summarised representation of this information is portrayed in the following table:

	Eco-Water Labels	Country	Type of Organisation
1	EU Eco Label	EU	EU Commission
2	Unified Water Label	EU	Industry
3	ANQIP	Portugal	NGO
4	The Water Technology List	UK	Government
5	Waterwise Checkmark	UK	NGO
6	WELS	Australia & Others	Government
7	WEPSL	Malaysia	Government
8	WaterSense	USA & Canada	Government
9	CWEL	China	Government
10	WEP-I	India	NGO
11	MWELS	Singapore	Government
12	ESMA	UAE	Government
13	Eco Mark	Japan	Government
14	Water Efficiency Label	Germany	Association

The query posed in point 1.3 will be assessed and described below based on the two main labels considered in this report.

1.3 Who will be responsible for the registration of the water eco-label		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) - Cat. 1 products	EcoFlow Malta - Cat. 2 products
As indicated in reports 2A.1, the administration of the label involves diverse organizations, ranging from governmental authorities and industries to non-governmental organizations (NGOs). In the Maltese context, various stakeholders may be designated to oversee the management of this label. It is recommended that an Expression of Interest (EOI) process be initiated, allowing interested organizations to demonstrate their commitment and capability to effectively manage the water eco-label. This approach ensures a transparent and inclusive selection process for the stewardship of the label.		

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1.4 How can it be ensured that only water efficient products enter the local market?

Suppliers/manufacturers are required to meet specific prerequisites for their products prior to their inclusion within the eco-water labels.

1.4 How can it be ensured that only water efficient products enter the local market?		
Option 1 (UWL) - Cat. 1 product	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>The registration process for the UWL necessitates manufacturers and suppliers to declare their compliance with the standards set by the label. Subsequently, a UWL staff member reviews the submissions from manufacturers/suppliers and validates the products on their database.</p> <p>For an illustrative demonstration of the product registration procedure, a concise video guide has been provided via the following link: https://uwla.eu/registration/</p> <p>Furthermore, during a meeting held with the Managing Director (MD) of this Label, she affirmed witnessing constraints imposed by several countries, utilising local building regulations and leveraging the label to identify water-efficient products through the two green bands of the label (refer to UWL for clarity in report 2A.1). Such regulation was implemented by Anqip, the Portuguese label which endorses the utilisation of the two green bands of the Label, integrating the label into construction water-using products and construction regulations.</p>	<p>The registration process on Ecoflow Malta necessitates manufacturers and suppliers to declare their compliance with the requirements set by the label. Subsequently, a staff member of the designated entity will be responsible to review the submissions from manufacturers/suppliers and validates the products on their database.</p> <p>However, this approach lacks an audit procedure, which consequently imposes limitations on the verifiability of water efficiency for the registered products.</p> <p>Furthermore, whenever possible, the efficiency rate of products included in the UWL will be verified through their website and incorporated into this label.</p>	<p>The water efficiency rating of a product will be determined based on the product's water consumption listed in the WELS, MWELS, or EPREL Portal. In cases where the product is not listed in the aforementioned databases, the water consumption declared by the manufacturer or supplier could be considered.</p> <p>This declared consumption will correspond to a specific water efficiency rate, which will then be converted into the rating system of the EcoFlow Malta label. This rating</p>

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Subsequently, this was confirmed by the Director of Anqip during a meeting held in October 2023. This affirmation asserts that individual countries reserve the right to implement either less or more rigorous regulations concerning the marketing or distribution of specific products falling under the purview of the UWL label.		will serve as a clear indicator for consumers, demonstrating the level of water efficiency associated with the product.
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1.5 Who are the entities who should be managing and maintaining the system?

This inquiry can be directed back to point 1.3, which delineates the variations among the distinct stakeholders who have undertaken the management of the eco-water label in other countries.

1.5 Who are the entities who should be managing and maintaining the system?		
Option 1 (UWL) - Cat. 1 product	Option 2 (Ecoflow Malta) - Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>The UWL label is currently led by a private industry named UWLA based in UK. During a meeting conducted with the Managing Director of the UWLA, it was clarified that the label consistently embraces insights from diverse countries and markets. The Label actively encourages alternative perspectives from various stakeholders. The accountable stakeholder for the label in Malta will be afforded the opportunity to be part of the UWLA Board or indirectly impact the association's decisions.</p> <p>Concerning the administration of this label in the local context, it is</p>	Refer to point 1.3.	

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recommended to conduct an Expression of Interest (EOI), as emphasized in section 1.3. Nevertheless, it is crucial to clarify that the management of this label within the local context is minimal. The primary activities required will involve exerting influence on local suppliers/importers to participate in and adopt this label.	
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2. Technicalities

2.1 How will the water products/appliances/fixtures entering the local market be classified as water efficient?

2.1 How will the water products/appliances/fixtures entering the local market be classified as water efficient?		
Option 1 (UWL) - Cat. 1 product	Option 2 (Ecoflow Malta) - Cat. 1 products	EcoFlow Malta - Cat. 2 products
The categorisation of water products in Category 1 is conducted based on the declaration of conformity issued by the applicants, which is assessed prior to approval by UWLA's employees. Furthermore, various measures, including building regulations and locally imposed minimum standards, have addressed this aspect. However, a market shift is occurring as manufacturers introduce new technologies and	There are two methods to register products on EcoFlow Malta: either through information provided by the applicant or by utilizing the water efficiency data from the UWL if the identical product is already listed on the UWL. The administrative staff of the organization responsible for administering EcoFlow Malta will assess whether the product requested for registration by the applicant is already listed	The classification of white goods, particularly washing machines and dishwashers for EcoFlow Malta, will be determined according to the standards outlined by other established water eco-labels, including WELS (Australia), MWELS (Singapore), and the European Product Registry for Energy Labelling (EPREL). EcoFlow Malta will cross-reference whether the white goods are covered in one of the three databases mentioned above and will translate the water

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innovations that reduce water usage without compromising the user experience. Most basin taps sold use less than 6 litres per minute, while kitchen taps are approximately 8 litres. Nonetheless, it is collective behaviour, achieved through joint marketing efforts among all stakeholders, that will ensure the reduction of water wastage.

on the UWL website. The primary information regarding water efficiency that the applicant will be asked to provide pertains to the flow rate per minute of water for the product, consistent with Option 1. The flow rates per minute are detailed in the table below:

Class	Max. flow rate
1 st class	≤ 6.0
2 nd class	≤ 8.0
3 rd class	≤ 10.0
4 th class	≤ 13.0
5 th class	> 13.0

The table has been extracted by taps & showers technical criteria published by UWL in January 2023 (<http://www.europeanwaterlabel.eu/pdf/scheme-criteria-taps-showers.pdf>).

consumption data into its proprietary water rating system.

The tables provided below depict the conversion details:

- Table 2.1.1 illustrates the conversion for washing machines from the Australian WELS label to the EcoFlow Malta rating system. Note that EcoFlow's Rating A corresponds to 5-6 star in WELS's label rating.
- Table 2.1.2 showcases the conversion for dishwashers from the Australian WELS label to the EcoFlow Malta rating system. Note that EcoFlow's Rating A corresponds to 5-6 star in WELS's label rating.
- Table 2.1.3 displays the conversion details for washing machines from the Singaporean MWELS label to the EcoFlow Malta rating system.
- Table 2.1.4 demonstrates the conversion for dishwashers from the Singaporean MWELS label to the EcoFlow Malta rating system.

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		<p>Below are the three portals where to cross-check the availability of Category 2 products in the respective Portal:</p> <ul style="list-style-type: none">• WELS Label - https://wels.agriculture.gov.au/wels-public/action/search-product-load?src=menu&code=CLOTWAMA• MWELS Label – https://app.pub.gov.sg/wels/Pages/ListOfProducts.aspx• EPREL Portal- https://eprel.ec.europa.eu/screen/home
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2.1.1 Conversion table from WELS to EcoFlow Rating – Washing Machines

The table below presents the WELS classification for gauging the efficiency of water consumption in washing machines. The table illustrates the relationship between load capacity and water consumption in liters.

**Table A.3 — Clothes washing machines water consumption by star rating
(For information only)**

Load capacity (kg)	Maximum water consumption by load capacity for a specified Star rating										
	1 Star	1,5 Star	2 Star	2,5 Star	3 Star	3,5 Star	4 Star	4,5 Star	5 Star	5,5 Star	6 Star
1,0	30,0	25,1	21,0	17,6	14,7	12,3	10,3	8,6	7,2	6,0	5,0
1,5	45,0	37,6	31,5	26,4	22,1	18,4	15,4	12,9	10,8	9,0	7,6
2,0	60,0	50,2	42,0	35,1	29,4	24,6	20,6	17,2	14,4	12,1	10,1
2,5	75,0	62,7	52,5	43,9	36,8	30,7	25,7	21,5	18,0	15,1	12,6
3,0	90,0	75,3	63,0	52,7	44,1	36,9	30,9	25,8	21,6	18,1	15,1
3,5	105,0	87,8	73,5	61,5	51,5	43,0	36,0	30,1	25,2	21,1	17,6
4,0	120,0	100,4	84,0	70,3	58,8	49,2	41,2	34,4	28,8	24,1	20,2
4,5	135,0	112,9	94,5	79,1	66,2	55,3	46,3	38,7	32,4	27,1	22,7
5,0	150,0	125,5	105,0	87,8	73,5	61,5	51,5	43,0	36,0	30,1	25,2
5,5	165,0	138,0	115,5	96,6	80,9	67,6	56,6	47,4	39,6	33,1	27,7
6,0	180,0	150,6	126,0	105,4	88,2	73,8	61,7	51,7	43,2	36,2	30,3
6,5	195,0	163,1	136,5	114,2	95,6	79,9	66,9	56,0	46,8	39,2	32,8
7,0	210,0	175,7	147,0	123,0	102,9	86,1	72,0	60,3	50,4	42,2	35,3
7,5	225,0	188,2	157,5	131,8	110,3	92,2	77,2	64,6	54,0	45,2	37,8
8,0	240,0	200,8	168,0	140,6	117,6	98,4	82,3	68,9	57,6	48,2	40,3
8,5	225,0	213,3	178,5	149,3	125,0	104,5	87,5	73,2	61,2	51,2	42,9
9,0	270,0	225,9	189,0	158,1	132,3	110,7	92,6	77,5	64,8	54,2	45,4
9,5	285,0	238,4	199,5	166,9	139,7	116,8	97,8	81,8	68,4	57,3	47,9
10,0	300,0	251,0	210,0	175,7	147,0	123,0	102,9	86,1	72,0	60,3	50,4

NOTE The water consumption for a load capacity of 1 kg is used for the base water consumption.

The below dedicated conversion table for washing machines within the "EcoFlow Malta" label has been intricately designed to align with the A-E rating system established by UWL. This ensures uniformity in ratings between the two labels, aiming to prevent customer confusion regarding the water efficiency levels of products category 1 and 2.

Washing machines Efficiency Rate Table					
Conversion Table from WELS to EcoFlow Malta (Kg/L)					
Load Capacity	E	D	C	B	A
KGs	Liters				
1	24	16	11	7	< 7
1.5	36	25	17	11	<11
2	49	33	22	15	< 15

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2.5	61	41	28	19	< 19
3	73	49	33	22	< 22
3.5	85	58	39	26	< 26
4	97	66	44	30	< 30
4.5	109	74	50	34	< 34
5	121	82	56	37	< 37
5.5	134	90	61	41	< 41
6	146	99	67	45	< 45
6.5	158	107	72	49	< 49
7	170	115	78	52	< 52
7.5	182	123	83	56	< 56
8	194	132	89	60	< 60
8.5	206	140	94	64	< 64
9	219	148	100	67	< 67
9.5	231	156	105	71	< 71
10	243	164	111	75	< 75

2.1.2 Conversion table from WELS to EcoFlow Malta Rating – Dishwashers

The table below presents the WELS classification for gauging the efficiency of water consumption in dishwashers. The table illustrates the relationship between load capacity of dishwashers in number of settings and water consumption in liters.

Table A.2 — Dishwasher water consumption by star rating

Place setting	Maximum water consumption by place setting for a specified Star rating										
	1 Star	1,5 Star	2 Star	2,5 Star	3 Star	3,5 Star	4 Star	4,5 Star	5 Star	5,5 Star	6 Star
Baseline	2,50	2,27	2,06	1,87	1,70	1,55	1,40	1,28	1,16	1,05	0,96
1	4,10	3,72	3,38	3,07	2,79	2,53	2,30	2,09	1,90	1,73	1,57
2	5,70	5,18	4,70	4,27	3,88	3,52	3,20	2,91	2,64	2,40	2,18
3	7,30	6,63	6,02	5,47	4,97	4,51	4,10	3,72	3,38	3,07	2,79
4	8,90	8,08	7,34	6,67	6,06	5,50	5,00	4,54	4,12	3,74	3,40
5	10,50	9,54	8,66	7,87	7,15	6,49	5,90	5,36	4,86	4,42	4,01
6	12,10	10,99	9,98	9,07	8,24	7,48	6,79	6,17	5,61	5,09	4,62
7	13,70	12,44	11,30	10,27	9,32	8,47	7,69	6,99	6,35	5,76	5,24
8	15,30	13,90	12,62	11,46	10,41	9,46	8,59	7,80	7,09	6,44	5,85
9	16,90	15,35	13,94	12,66	11,50	10,45	9,49	8,62	7,83	7,11	6,46
10	18,50	16,80	15,26	13,86	12,59	11,44	10,39	9,44	8,57	7,78	7,07
11	20,10	18,26	16,58	15,06	13,68	12,43	11,29	10,25	9,31	8,46	7,68
12	21,70	19,71	17,90	16,26	14,77	13,42	12,18	11,07	10,05	9,13	8,29
13	23,30	21,16	19,22	17,46	15,86	14,40	13,08	11,88	10,79	9,80	8,90
14	24,90	22,62	20,54	18,66	16,95	15,39	13,98	12,70	11,53	10,48	9,52
15	26,50	24,07	21,86	19,86	18,04	16,38	14,88	13,52	12,28	11,15	10,13
16	28,10	25,52	23,18	21,06	19,13	17,37	15,78	14,33	13,02	11,82	10,74

NOTE If a dishwasher achieves a water efficiency rating of less than 1,0 then the Star Rating of the dishwasher is Zero Star (refer to [Clause A.5.1.4](#)).

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The dedicated conversion table for dishwashers within the "EcoFlow Malta" label has been intricately designed to align with the A-E rating system established by UWL. This ensures uniformity in ratings between the two labels, aiming to prevent customer confusion regarding the water efficiency levels of products category 1 and 2.

Dishwashers Efficiency Rate Table					
Conversion Table from WELS to EcoFlow Malta (Kg/L)					
Place Setting	E	D	C	B	A
Range: 1- 16	Liters				
1	3.6	3.0	2.4	1.9	< 1.9
2	5.1	4.1	3.3	2.7	< 2.7
3	6.5	5.3	4.3	3.4	< 3.4
4	7.9	6.4	5.2	4.2	< 4.2
5	9.3	7.6	6.1	5.0	< 5.0
6	10.8	8.7	7.1	5.7	< 5.7
7	12.2	9.9	8.0	6.5	< 6.5
8	13.6	11.0	8.9	7.2	< 7.2
9	15.1	12.2	9.9	8.0	< 8.0
10	16.5	13.4	10.8	8.7	< 8.7
11	17.9	14.5	11.7	9.5	< 9.5
12	19.3	15.7	12.7	10.3	< 10.3
13	20.8	16.8	13.6	11.0	< 11
14	22.2	18.0	14.5	11.8	< 11.8
15	23.6	19.1	15.5	12.5	< 12.5
16	25.1	20.3	16.4	13.3	< 13.3

The conversion table for "EcoFlow Malta" has been formulated in accordance with the A-E rating system established by UWL. This ensures uniformity in ratings between the two labels, aiming to prevent customer confusion regarding the water efficiency rating of products category 1 and 2.

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2.1.3 Conversion table from MWELS to EcoFlow Malta Rating – Washing Machines

The table below presents the MWELS classification for gauging the efficiency of water consumption in washing machines:

Mandatory WELS				
Water Efficiency Rating	1-tick ✓	2-tick ✓✓	3-tick ✓✓✓	4-tick ✓✓✓✓
Products	Water consumption (litres per kg)			
Clothes Washing Machines for household use (Per Washload)	NA	> 9 to 12	> 6 to 9	6 or less

The conversion table below dedicated to washing machines for "EcoFlow Malta" converted from the ticking system has been formulated in accordance with the A-E rating system established by UWL. This ensures uniformity in ratings between the two labels, aiming to prevent customer confusion regarding the water efficiency rating of products category 1 and 2.

Washing machine Conversion Table			
Conversion from MWELS to EcoFlow Malta			
MWELS	EcoFlow	MWELS	EcoFlow
4 ticks	A-B	< 6 L/Kg	< 7 L/Kg
3 ticks	B-C	6-9 L/Kg	7-8.6 L/Kg
2 ticks	C	9-12 L/kg	8.6-16 L/Kg
1 tick	D-E	>12 L/Kg	>16 L/Kg

2.1.4 Conversion table from MWELS to EcoFlow Malta Rating – Dishwashers

The table below presents the MWELS classification for gauging the efficiency of water consumption in dishwashers:

Mandatory WELS				
Water Efficiency Rating	1-tick ✓	2-tick ✓✓	3-tick ✓✓✓	4-tick ✓✓✓✓
Products	Water consumption (litres per kg)			
Clothes Washing Machines for household use (Per Washload)	NA	> 9 to 12	> 6 to 9	6 or less
	Water consumption (litres per place setting)			
Dishwashers for household use (Per Place Setting)	>1.2 to 1.5	>0.9 to 1.2	>0.6 to 0.9	0.6 or less

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The conversion table below dedicated to dishwashers for "EcoFlow Malta" converted from the ticking system of MWELS label has been formulated in accordance with the A-E rating system established by UWL. This ensures uniformity in ratings between the two labels, aiming to prevent customer confusion regarding the water efficiency rating of products category 1 and 2.

Dishwashers Conversion Table			
Conversion from MWELS to EcoFlow Malta			
MWELS	EcoFlow	MWELS (per place setting)	EcoFlow (per place setting)
4 ticks	A	0.6 L or less	< 0.87
3 ticks	B-C	>0.6 to 0.9 L	between 0.87 and 0.95 L
2 ticks	C	>0.9 to 1.2 L	between 0.95 to 1.24 L
1 tick	D-E	>1.2	>1.24 L

2.2 Recommendations on how a market shift towards more water aware consumers for efficient water appliances and fixtures can be promoted on a national scale.

Cross-Channel Marketing Campaigns:

Cross-channel campaigns employ a comprehensive marketing strategy that involves engaging with customers at different touchpoints, both online and offline, as they progress through their purchasing journey. These campaigns typically center around a singular message, which is disseminated across multiple channels, enabling businesses to connect with their target audience at different phases of the buying process.

Cross-Channel Marketing Campaign Strategy:

1. Develop Customer Personas: The first step is to understand your target customers. People buy from you differently, and you need to identify which customers you will target with your campaign. Deciding on your target audience will inform you on how you deliver your campaign, your core message, and the channels you use.
2. Develop a clear campaign strategy to share with all parties.

An efficient campaign strategy will include the following:

- Your target audience

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- The customer's buying journey
- Campaign objectives
- Core message
- Creative direction
- Key dates, including sign-off, launch and end dates
- Which marketing channels you use and their roles
- Budgets for each channel

Recommended Target Audiences should be based on market assumptions. It is important for market research to be conducted to back up these assumptions.

Target Audience 1: Children (At the Primary & Secondary school stage)

Children should be considered as the target audience even though they are not a direct customer persona, but they are influential on their parents who hold the purchasing power. Furthermore, the campaign serves as an educational topic to teach future generations to be water-aware consumers.

Methods of communication: TV/ School Initiatives.

Target Audience 2: Teenagers/Young Adults (At the college & University stage)

This target audience is also influential on their partners who are more likely to be the decision-makers holding the purchasing power. The campaign for this audience needs to be trendy, fun, and relatable.

Methods of communication: social media / Collaborative Initiatives / Radio.

Target Audience 3: Engaged Couples

This target audience consists of people who have an engaged status. This target audience is more likely to be on the lookout to purchase a property and as a result, is interested in acquiring information about plumbing supplies and appliances.

Methods of communication: social media / Offline print / Radio / Collaborative Initiatives.

Target Audience 4: Homebuyers and Home renovators

Homebuyers and Home renovators are either buying their home or just finishing it. However, they would be informed about the latest plumbing supplies and home appliances. They would know the difference between one brand from another, be aware of the pricing and benefits, and which products are water-consumption friendly.

Methods of communication: social media / offline print / radio / collaborative initiatives / TV.

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Target Audience 5: Long-term homeowners

Long-term homeowners (~ 35 years) are always in a situation where they need to fix or replace something from their homes hence, they might be looking to buy new plumbing products or appliances. Furthermore, they would be more interested to know how they can save money by reducing water consumption or learning how to use their appliances to reduce water consumption. This audience might be difficult to adapt to new behaviours however they will be willing to change if incentivized.

Methods of communication: social media / offline print / radio / collaborative initiatives / TV.

Target Audience 6: Local Water Suppliers & Plumbing Suppliers

This audience consists of business owners who sell water and plumbing supplies either to customers or to other businesses. This audience will be interested in the campaign either to improve the business reputation or if they are legally obliged to follow instructions related to the water label.

Methods of communication: TV / social media / Website / Calls / Events.

Target Audience 7: Local Appliances Suppliers

This audience consists of business owners who sell appliances either to customers or to other businesses. This audience will be interested in the campaign either to improve the business reputation or if they are legally obliged to follow instructions related to the water label.

Methods of communication: TV / social media / Website / Calls / Events.

Target Audience 8: Government Entities

It is important for government entities to be aware of any information related to the water label for two reasons; to set an example for the private sector and to deliver the right information to the public when requested.

Methods of communication: Website / Events.

Maintain Visibility & Accountability throughout

While the entire campaign is connected, each channel will play a different role. Your TV or online video ad may aim to entertain the customer and raise awareness. Meanwhile, your social media may be used to promote the importance of the water label and the meaning behind every element, and in-store promotions may focus on the key benefits that will affect their purchases directly.

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2.3 What are the potential implications that a newly established water eco-label can have on the market and existing trade arrangements?

Market Differentiation in Malta

A water eco-label in Malta can create differentiation in the local market by identifying products or services that meet specific water sustainability standards.

Consumer Awareness and Demand

In a country where water scarcity is a significant concern, the introduction of a water eco-label can raise consumer awareness about the importance of water conservation. This could lead to increased demand for eco-labelled products, encouraging businesses to adopt sustainable water management practices.

Support for Local Sustainability

Eco-labelling can provide a competitive advantage to local businesses that prioritise sustainable water practices and encourage the growth of environmentally conscious businesses.

Regulatory and government incentives

The government may choose to support eco-label by providing incentives or regulatory support for businesses that adopt sustainable water practices. This could include tax incentives or subsidies.

The government has the potential to introduce several proposals aimed at encouraging the adoption of water-efficient products. Notably, in Portugal's budget proposal for the 2022's fiscal year, a significant initiative had been considered. The initiative entails allowing individuals to deduct a portion of the Value Added Tax (VAT) paid on equipment or works geared towards enhancing water efficiency from their personal income tax. The maximum deductible amount was set at €500.

Moreover, a broader approach was taken in the Netherlands. Rotterdam's Nu Spaarpas scheme since 2002, incentivizes sustainable consumption. Consumers earn green points for actions like recycling, using public transport, or buying local, fair trade, or green products. These points can be redeemed for public transport tickets or discounts on sustainable goods, fostering a tangible link between actions and rewards. The scheme has gained traction, with 10,000 households participating, over 100 retail outlets involved, and 1.5 million points issued by the end of the pilot in late 2023.

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Another solution could be increasing prices on less sustainable products through taxes that can effectively steer consumer behaviour towards sustainability, internalizing negative externalities and allowing the market to drive purchasing shifts.

Subsidies and tax incentives, for sustainable products, are impactful only if they narrow the price gap or offer substantial tax rebates. Complex or slow-to-reward incentives may prove ineffective.

Tourism and Hospitality Sector

Malta's tourism industry is significant, and eco-labelling in the hospitality sector could attract environmentally conscious tourists who prefer sustainable accommodations and services. This could contribute to the growth of eco-friendly tourism in Malta.

Implementing a sustainability ranking system, akin to the prestigious Michelin Star system, can significantly enhance the standing of products. This system would aim to assess hotels proclaiming to offer sustainable accommodations and utilize eco-labelled products. Through a certification process, hotels would earn points or a percentage score. Reaching a certain rank would earn them a specific award plaque. This accolade can be utilised in marketing communications, allowing hotels to bolster their market positioning and instil trust among tourists by showcasing their commitment towards environmental responsibility.

Challenges in Implementation

Implementing a water eco-label in Malta may face challenges related to enforcement, certification, and consumer education. The government and relevant agencies would need to invest in ensuring the credibility and effectiveness of the label. Ensuring the label's adherence to pertinent legislations is imperative for regulatory compliance. It is essential that the label aligns with all applicable laws and regulations governing its content, format, and information presentation. This commitment to compliance not only upholds legal standards but also fosters trust among consumers, reinforcing the brand's dedication to transparency and responsible business practices. Consequently, meticulous attention to legislative requirements becomes an integral part of the label creation process, promoting both legal integrity and consumer confidence.

In respect to education, the label should implement an educational campaign within school curricula, instilling awareness in children about making informed and sustainable choices. The campaign can teach them the importance of environmentally conscious decisions and smart purchasing habits.

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Collaboration with Stakeholders

Establishing the eco-label may require collaboration with various stakeholders, including businesses, environmental organizations, and consumer groups. Engaging these stakeholders effectively can lead to the successful adoption of the eco-label.

The preceding suggestions primarily focus on engaging businesses and consumer groups. However, for environmental organizations, a proactive strategy is essential to involve them from the project's early stages. A well-defined plan of action should be formulated, emphasizing the significance of their collaboration and fostering a clear understanding of their role in these initiatives. An inclusive education program needs to be developed, catering to all stakeholders, ensuring they are equipped with accurate information and a comprehensive understanding of their expected contributions.

Monitoring and Enforcement

Effective monitoring and enforcement of eco-label criteria are crucial to maintaining the label's integrity. The Maltese government and relevant bodies would need to establish a robust system for monitoring and certifying businesses.

In the earlier discussions, the proposed ranking system primarily addressed the hospitality sector. Extending the application of this system to additional sectors, such as manufacturing, could yield significant benefits. The inclusion of certified audits ensures the credibility of the ranking system, maintaining the integrity of the associated label.

Capitalizing on the Success of Rotterdam's Nu Spaarpas Schem or recent successes, as exemplified by the effectiveness of the BCRS scheme in the Maltese market, underscore the potential impact of similar schemes. The Rotterdam's Nu Spaarpas scheme, for instance, demonstrates how the public can be incentivized to participate, offering a soft reinforcement strategy. Such initiatives not only benefit the general public but also contribute to the overall success and acceptance of sustainable practices.

2.4 How can such a system help with the phasing out of inefficient water products/appliances/devices?

By providing consumers with transparent information about the water efficiency of various products, an eco water labelling system can help to phase out inefficient water products, appliances, and devices. Here's how an eco-water efficiency labelling can help:

Consumer Awareness: An eco-labelling system gives clear and consistent information regarding a product's water efficiency. This enables consumers to make more educated purchasing decisions, favouring products with better efficiency ratings. When consumers

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can quickly recognise and understand which products are more water-efficient, they are more likely to buy them, resulting in market demand for efficient products.

Market Trends and Incentives: Manufacturers and suppliers are urged to make and provide water-efficient items in order to meet the demand generated by eco-labelling. Companies may phase out inefficient products in order to remain competitive and fulfil consumer expectations, and instead focus on developing and advertising more water-efficient solutions. As a result, there is market pressure for innovation and sustainability.

Technology Advancement: As the demand for more water-efficient products grows as a result of eco-labelling, it supports continued research and development in environmentally friendly technologies. This encourages industrial innovation, which leads to the development of ever more efficient equipment and appliances over time.

3. Online Database and Information portal

3.1 Should there be the creation of an online database and information portal for water efficient products and appliances?

3.1 Should there be the creation of an online database and information portal for water efficient products and appliances?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) - Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>The UWL is currently integrated within a platform that comprehensively displays all types of products encompassed by the label: https://uwla.eu/find-a-product/.</p>	<p>Within an eco-label system, the construction of an online database and information portal for water-efficient items and appliances is quite advantageous. An online platform would serve numerous important functions:</p> <p>Access to Information: It serves as a centralised portal for consumers, businesses, and stakeholders to obtain thorough information about water-efficient goods. This transparency allows consumers to make more informed decisions, which encourages the purchasing of environmentally friendly items. Furthermore, an online</p>	

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	<p>platform boosts label efficiency by allowing consumers to directly identify, select items, and their respective suppliers, eliminating the need for extensive and unproductive product searches.</p> <p>Product Visibility: It raises the visibility of eco-label-certified water-efficient items. Manufacturers/Suppliers profit from improved publicity for their environmentally friendly solutions, which can then boost market demand.</p> <p>In essence, the database could provide, but is not restricted to, the following information:</p> <ul style="list-style-type: none"> • Product types (Products of Category 1, Washing Machine and Dishwasher) • Efficiency ratings corresponding to the label's classification • Label's guidelines/instructions for users • Potential additional details: supplier and/or manufacturer information, grants information (if any)
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3.2 How will products, suppliers and companies be registered in the database?

3.2 How will products, suppliers and companies be registered in the database?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	Eco Flow Malta - Cat. 2 products
Suppliers and their products are enlisted ⁱⁱ in the UWLA database following a mandatory assessment process. The scheme welcomes participation from all bathroom product companies, provided they can demonstrate their	There are two methods to register products on EcoFlow Malta: either through information provided by the applicant or by utilizing the water efficiency data from the UWL if the identical product is	Within this label, procedures will be conducted similarly to the UWL label's methodology. Likewise, the WELS and MWELS labels implements a specific process for white goods, wherein the supplier/manufacturer submits a pre-formatted test

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<p>product's adherence to the criteria outlined in the UWL scheme.</p> <p>Upon application, companies are required to provide a signed Declaration of Conformity, verified and dated by authorized personnel from the applying company, attesting the product's alignment with the specified criteria of the label. Moreover, applicants independently register their products within the database, which subsequently undergo approval or disapproval by a designated UWL label staff member.</p> <p>The Scheme Administrator might request copies of compliance certificates or test reports from legitimate third parties, or self-certified test reports. Additionally, original certificates or test reports may occasionally be sought by UWLA/The Water Label Company, with a commitment to return these documents after review.</p> <p>Regarding the organization of products within the UWL's database,</p>	<p>already listed on the UWL. The administrative staff of the organization responsible for administering EcoFlow Malta will assess whether the product requested for registration by the applicant is already listed on the UWL website. Upon completion of the aforementioned phase, the administrative staff will proceed to upload the products along with their detailed specifications onto the portal. This process ensures that all pertinent information regarding the products is accurately documented and made accessible within the designated platform.</p>	<p>report. Suppliers are required to conduct testing procedures conforming to Australian Standards or/and Singaporean Standards.</p> <p>EcoFlow Malta's reliance will predominantly be on products registered on these two water-labels, which have undergone respective testing and audit programs. To expand the scope of covered products, the label has the capability to register additional washing machines and dishwasher's contingent upon the water consumption information declared by manufacturers. Upon completion of the product's assessment based on criteria and the translation of its efficiency rate into the local rating system, it will be featured on the website. The site will offer filtering options, enabling users to sort by product type (Washing Machine and Dishwasher) and efficiency rate. Moreover, an additional feature to consider is the inclusion of a supplier or/and manufacturer filter.</p>
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categorization is based on "product category, country, and efficiency rate."		
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3.3 How can water efficient products be registered and their information made available?

3.3 How can water efficient products be registered and their information made available?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>Upon the review of the information submitted by suppliers and manufacturers, the products are enlisted on the UWL's website. Their details are accessible within the "Find a product" section on the label's website. The portal shows the degree of efficiency of the products, represented by the colour of the label and an assigned efficiency rating number. This information is displayed in the product description under the "Efficiency" column. This information can be accessed through the following link: https://uwla.eu/find-a-product/.</p>	<p>Refer to point 3.2.</p>	<p>The following procedures are routinely taken by WELS to register water-efficient items and make their information available on an eco-water website:</p> <ul style="list-style-type: none"> • Submit products for evaluation against set standards. • Verify compliance with water efficiency criteria. • Approved products are listed on the website. • Information, including efficiency ratings, is made available to consumers. <p>The same strategy is advised to be adopted for EcoFlow Malta.</p>

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3.4 How can suppliers and end users gain access to such a database and information portal?

3.4 How can suppliers and end users gain access to such a database and information portal?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) - Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>Upon the approval of their application, the suppliers/manufacturers are furnished with a unique code enabling access to the UWL website. This access allows them to independently add their products to the website.</p> <p>Once administrative personnel from the UWLA verifies the submitted data, if found satisfactory, the registration will be approved.</p>	<p>The website should remain open to all users.</p> <p>There should be a separate login section specifically for suppliers on the label's website. The responsibility for making changes or additions to the EcoFlow Malta website should be confined to the label's employees exclusively.</p>	

3.5 How can the database and information portal showcase all the water efficient products and allow filtered by categories such as model name, registration number, water consumption ranges, star rating, efficiency rating, registered companies or all?

3.5 How can the database and information portal showcase all the water efficient products and allow filtered by categories such as model name, registration number, water consumption ranges, star rating, efficiency rating, registered companies or all?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) - Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>The website of UWL allows to filter the different categories of the products:</p> <ul style="list-style-type: none"> Product category 	<p>It is advisable to adopt similar visuals, number and types of filters as those available on the UWL's website or WELS.</p> <p>It is imperative to ensure that the uploaded product includes the following essential characteristics: water</p>	

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<ul style="list-style-type: none"> Country where the product is available in Efficiency rate <p>This information can be accessed through the following link: https://uwla.eu/find-a-product/.</p>	<p>efficiency rating, brand name, model number, and applicant details, which may encompass supplier, manufacturer, or retailer information.</p>
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3.6 If product registrations need to be renewed, for example each year, how will this work?

3.6 If product registrations need to be renewed, for example each year, how will this work?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>There is an annual fee to be paid by the suppliers/manufacturers to be able to renew the registered products.</p> <p>The registration costs and annual fee of the UWL have been annexed to this report in Annex 3.</p>	<p>The procedure employed by UWL can be emulated by EcoFlow Malta.</p> <p>The fees for product registration and the annual subscription will be imposed by the managing organisation of this label, or alternatively, this feature can be offered without any cost. The latter would aim at encouraging uptake of registration from manufacturers and local suppliers.</p>	

4. Funding, Incentives and Fees

4.1 What are the costs for setting up and running such an eco-label?

4.1 What are the costs for setting up and running such an eco-label?
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Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>The registration fee for Malta and other countries with the UWL is currently exempt from charges. However, the costs and resources associated with promoting the label at a local level and engaging suppliers would be the responsibility of the organisation undertaking these tasks. The expenses tied to such initiatives would correspond to the level of promotional intensity deployed.</p> <p>The financial resources to initiate this label in Malta would be mainly those determined by a local campaign to promote the label. The cost of a water eco label marketing campaign in Malta would be determined by several aspects, including the scope, duration, target audience, and specific methods and channels used. Because Malta is a small market in comparison to other countries, the volume and expense of the campaign may be affected. However, the following approximate costs in euros must be considered:</p> <p>Small-scale Campaign: The cost of a localised or smaller campaign focused on digital marketing, social media, and local events could range between €5,000 and €15,000.</p> <p>A medium-sized campaign: using a combination of internet marketing,</p>	<p>The expenses of establishing and maintaining an eco-water label can vary depending on a variety of criteria, including the label's breadth, scale, administrative requirements, and product coverage. Some common costs associated with establishing and operating an eco-water label include:</p> <p>Administrative expenses: such as legal fees, organisational setup, staffing, and operational overheads are included in this category.</p> <p>Testing and certification (optional): The costs of testing products for water efficiency and ensuring they fulfil the label's standards are incurred. Collaboration with testing facilities or certifying authorities may be required. Should this path be selected, it would necessitate a significant allocation of resources, rendering it particularly challenging to manage or sustain.</p> <p>In a meeting with WELS (Australia), a representative highlighted that the label incurs an annual expenditure of approximately three million dollars. It's important to note that WELS receives water consumption information for their white goods products through the Australian "Energy Rating" label and the consumer representative non-governmental association, known as CHOICE. Despite the substantial mentioned costs, WELS does not shoulder the entire burden of auditing expenses on its own. Setting up an auditing procedure for water consumption in white goods would involve careful planning and adherence to specific guidelines.</p> <p>The below represents the minimum steps that such auditing procedure should comprehend:</p>	

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<p>print materials, events, and outreach might cost between €15,000 and €50,000.</p> <p>A large-scale campaign: incorporating various advertising channels, intensive PR efforts, events, and a longer period might cost up to €50,000 and potentially reach several hundred thousand euros or more.</p>	<p>Scope and Objectives: Define the scope, objectives, and timeline for the water consumption audit of white goods.</p> <p>Criteria and Standards: Develop clear criteria aligned with industry standards for water efficiency.</p> <p>Audit Team: Assemble a qualified audit team with expertise in water efficiency and auditing.</p> <p>Data Collection: Collect accurate data on water consumption through manufacturer verification.</p> <p>On-Site Inspections: Conduct on-site inspections to verify compliance with eco-labelling criteria.</p> <p>Sampling and Testing: Implement a sampling plan and testing protocols for representative assessments.</p> <p>Analysis and Rating: Analyze data to determine water efficiency ratings based on established criteria.</p> <p>Documentation: Maintain detailed documentation of audit procedures, findings, and corrective actions.</p> <p>Reporting: Prepare comprehensive reports to communicate results to manufacturers and stakeholders.</p> <p>Continuous Improvement: Establish mechanisms for ongoing process improvement and stakeholder feedback.</p> <p>Quality Assurance: Implement measures to ensure the reliability and accuracy of audit results.</p> <p>Compliance Monitoring: Develop a system for continuous monitoring of manufacturers' compliance.</p> <p>Transparency and Communication:</p>
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	<p>Promote transparency and accountability through accessible information.</p> <p>Certification (if applicable): Decide on third-party certification for audit verification and certification. In this case a certification with ISO 31600 would be the most suitable.</p> <p>Database and IT Infrastructure: The creation and upkeep of a database or an online platform for product registration and information distribution, which includes website construction, IT systems, and data administration.</p> <p>Marketing and promotion expenses: include the costs of advertising the label to manufacturers, suppliers, and consumers. Advertising, promotional events, and marketing materials are all examples of this.</p> <p>Compliance and Oversight: Costs associated with ensuring regulatory compliance, label standards, and ongoing oversight of registered items in order to retain integrity and credibility.</p> <p>Staffing and expertise: Recruiting professionals with expertise in water efficiency, sustainability, and label management. Costs associated with teaching manufacturers, suppliers, and customers about the label's standards, criteria, and the benefits of water-efficient products.</p> <p>Actual costs might vary greatly depending on the label's ambition and the quantity and types of items covered, the level of involvement with stakeholders, and ongoing operational expenditures.</p>
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	Furthermore, the possibility of obtaining partnerships, sponsorships, or grants may help to offset some of these expenditures. An eco water label's financial viability is frequently dependent on the support of stakeholders, collaborations, and a balance between costs and the value it provides to participants and consumers.
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4.2 What's the cost of the scheme for distributors, retailers, importers and suppliers to get and adopt such an eco-label?

4.2 What's the cost of the scheme for distributors, retailers, importers and suppliers to get and adopt such an eco-label		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
The expenses associated with the registration of stakeholders outlined in point 4.2 to the UWL label are delineated in Annex 3 of this report. This comprehensive list details the registration and annual fee prices as stipulated by the Unified Water Label Association (UWLA).	As outlined in point 3.6, the charges for product registration and the annual fee can mirror those established by the UWL label listed in Annex 3. Conversely, the registration expenses for products falling under category 2 may be established at minor costs than UWL's or even offered free of charge, aimed at encouraging registration from manufacturers and local suppliers.	

4.3 Provide an incentive framework necessary to motivate suppliers to participate in the water eco-label

4.3 Provide an incentive framework necessary to motivate suppliers to participate in the water eco-label		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products

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At present, the UWL lacks a financial structure for suppliers. Nonetheless, the promotional campaigns and the evident reception of the label serve as assurances for supplier/manufacturers to engage in registration with the label.

Conversely, various established water eco-labels offer incentives designed to encourage consumers to invest in water-efficient products. Several illustrations of these incentives from different labels analysed in report 2A.1 are outlined below:

Anqip label - The Portuguese Anqip label is supported by the local government. The Government is financing the use of 70% water-efficient products up to €500ⁱⁱⁱ.

WaterSense label - Several WaterSense partners provide discounts for WaterSense-labeled products, including water-efficient toilets, showerheads, and faucets, in addition to water conservation services. WaterSense presents and offer information about rebates on water efficient products, but it does not directly offer any rebates for products.

MWELS label - Enterprises in Singapore (with premises that have a monthly water consumption of at least 1,000 m³)^{iv} aiming to procure water-efficient equipment or initiate water recycling initiatives can now access supplementary funding and expedited grant disbursement facilitated by the National Water Agency PUB. The latter operates as a statutory board falling under Singapore's Ministry of Sustainability and the Environment. Acting as the national water agency, it oversees the holistic management of the city-state's water supply, water catchment, and used water.

Focusing on Category 2 products, it is recommended to maintain registration costs at a minimum or, if financially viable, to even offer registration at no cost for suppliers/manufacturers. This strategy aims to maximize the incentive for manufacturers and suppliers to participate in the label.

4.3 How can such a label be sustained financially in the long term?

4.3 How can such a label be sustained financially in the long term?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) - Cat. 1 products	EcoFlow Malta - Cat. 2 products
The financial sustainability of the label primarily relies on revenue generated through registration	The long-term financial sustainability of this newly proposed label will significantly hinge upon several key factors:	

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fees and annual fees imposed on the manufacturers/suppliers. The Unified Water Label has demonstrated a commendable uptake, with a notable membership from 34 countries within the European Union. This extensive participation indicates a strong commitment to the label's principles and standards, contributing significantly to its financial stability and operational continuity. The collective engagement of numerous nations showcases the widespread acknowledgment and support for the label's objectives, which in turn bolsters its financial standing and operational longevity.

Registration and Renewal Fees: The determination of whether registration and annual renewal fees will be mandated, remain optional or there will be none. These fees will significantly influence the revenue stream and the financial sustainability of the label.

Local Participation from Manufacturers and Suppliers: The extent of participation from local manufacturers and suppliers in embracing and enrolling with the label will be a critical factor in ensuring its financial viability and widespread adoption.

Potential Financial Assistance: The possibility of financial support or aid for the label from external entities will play a pivotal role in its sustainability and effectiveness.

Presently, there is an absence of a water-consumption label in Europe specifically regulating white goods. The feasibility and success of introducing such a label will heavily rely on the dedicated resources and commitment at the local level to promote, administer, and sustain this label. These considerations should also be assessed in light of Malta's size, which inherently poses certain limitations, including the quantity of available suppliers and population's size. The allocation of resources, financial backing, and local engagement will be pivotal in determining the effectiveness and viability of this proposed label within the local context.

5. Certification and checks

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5.1 How will the imported water product be certified and tested that such products are actually water efficient before being made available to consumers?

5.1 How will the imported water product be certified and tested that such products are actually water efficient before being made available to consumers?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
<p>Applicants for the Unified Water Label (UWL) self-declare the compliance of their products with the respective category standards listed on the UWLA website. Such technical criteria can be found on the website of the UWLA: https://uwla.eu/technical-criteria/.</p> <p>Additionally, the industry conducts an annual audit of 5% of the listed products to verify conformity with the label's specifications. Several manufacturers engage third-party laboratory, and efforts are underway to incorporate compliance with the Unified Water Label standards within their procedures (This was specified in a meeting by the MD).</p> <p>UWLA facilitates suppliers' submission of self-tests. In</p>	<p>An audit procedure for registered products would be the most effective means of ensuring the accuracy of information provided by applicants.</p> <p>However, feedback from the organization overseeing the <i>Water Eco-label Scheme project</i> indicates that implementing an audit procedure is not seen as feasible. As mentioned earlier in point 1.4, this omission would limit the reliability of applicant-provided information and consequently, the accuracy of water efficiency data.</p>	<p>In this context, several implementation options are recommended for consideration by EcoFlow Malta:</p> <p>Option 1: The label can encompass only products available in Malta that are listed on the Australian Water Efficiency Labelling Scheme (WELS) label. The products included within the WELS product's list are audited against the Australian Standard 6400-2016. Furthermore, the WELS label audits their white goods in respect to water consumption based on the below listed standards:</p> <ul style="list-style-type: none"> • Washing Machines – 2040.1/2021 and 2040.2/2021 • Dishwashers – 2007.1/2021 and 2007.2/2021

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<p>cases where companies procure products from Eastern Countries, UWLA ensures that the labs utilized by the suppliers are accredited.</p>	<p>Option 2: Expand the label's coverage to include products available in Malta listed within WELS, MWELS, and EPREL portal. Such an option can potentially broaden the range of available products.</p> <p>In terms of compliance, the products falling under the Singaporean Water Efficiency Labelling Scheme (MWELS) must adhere to the outlined procedure detailed in Annex 4. The label collaborates with a third-party industry responsible for testing these products to ensure compliance with the label's prescribed standards and water efficiency criteria. Furthermore, the EPREL portal includes products audited for certification of energy efficiency, which are also assessed for water consumption efficiency.</p> <p>Option 3: Extend the label's coverage to encompass products listed within WELS MWELS and EPREL portal, along with products having manufacturer-declared water consumption. The manufacturer-declared water consumption would then</p>
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		<p>need to be translated into EcoFlow Malta's rating system, as outlined in section 2.1.1.</p> <p>Option 4: Establish a unique standard and auditing procedure for Category 2 Products. The development of such a system would require a substantial amount of financial resources, which may be impractical considering the size of Malta and the potential uptake.</p> <p>These options offer varying scopes and implications for the implementation of EcoFlow Malta, providing different levels of coverage, expansion, and resources required, allowing for a comprehensive evaluation to determine the most viable approach.</p>
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5.2 What are the human resources which are necessary for such operations (both in terms of quantity and expertise)?

The gathered information emanated from discussions held with representatives of the respective labels.

Anqip Label – The Portuguese label operates with a solitary full-time administrative employee. Other resources are distributed among individuals from diverse backgrounds and specializations. The label actively collaborates with universities, plumbers, and various companies for its operations.

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WELS Australian Label – The WELS scheme operates with a team of 15/20 individuals split into three distinct areas: 5 personnel manage the registration processes (supplier management), another 5 oversee post-registration compliance, ensuring products carry the WELS label, and a further 5 provide technical expertise to maintain the established standards. As a mandatory scheme, WELS necessitates more human resources. Moreover, WELS holds the authority to impose fines, and individuals can report instances of non-compliance.

5.2 What are the human resources which are necessary for such operations (both in terms of quantity and expertise)?		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
In relation to UWL, Malta, upon implementation of the marketing strategy, may not require additional human resources dedicated to the label, given its current operational status and existing personnel fulfilling the necessary activities. However, in the event that managing stakeholders opt to intensify the promotional efforts of the label, employing additional personnel might become necessary to effectively manage and enhance promotional activities of the label.	<p>The extent of human resources required to operate EcoFlow Malta would significantly hinge upon the implementation option specified in point 5.1.</p> <p>Options 1-2-3 of EcoFlow Malta (Cat.2 products) would primarily necessitate administrative personnel responsible for translating the efficiency rating from the listed labels into the rating system of "EcoFlow Malta."</p> <p>Conversely, should EcoFlow Malta adopt a structure in line with option 4 in section 5.1, technical personnel would be essential to oversee the verification of application forms, testing procedures, and compliance. The quantity of resources required would be contingent upon the level of adoption and utilization of the label.</p>	

5.3 What are the checks and enforcement requirements necessary to ensure that the product is compliant with the Eco-Design Directive and ISO 31600?

5.3 What are the checks and enforcement requirements necessary to ensure that the product is compliant with the Eco-Design Directive and ISO 31600?

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Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
Following discussions with the MD of this label, it was disclosed that the label is currently in the process of obtaining certification for ISO 31600. It's important to note that this label is included as an eco-water efficiency label model within the same ISO framework. Moreover, the label has devised its own set of product category standards derived from technical criteria that align with recognized harmonized or existing European and National Standards across all categories.	The label has the potential to attain 31600 certification. However, the absence of an audit procedure within the label would preclude it from achieving such certification.	The labels discussed in this report, namely WELS (Australia) and MWELS (Singapore), are recognized within ISO 31600 as models of water-eco labels and best practices. Their testing criteria and performance indicators of their products align with the specifications outlined in the ISO Standard.

6. Other considerations

6.1 General issues which might hinder the introduction of the water eco-label

6.1 General issues which might hinder the introduction of the water eco-label		
Option 1 (UWL) - Cat. 1 products	Option 2 (Ecoflow Malta) – Cat. 1 products	EcoFlow Malta - Cat. 2 products
This query was directed to the MD of the Unified Water Label. According to the response, there exists minimal negativity towards	A new water eco-label's successful implementation could be hampered by several general problems. The primary anticipated problem is as follows:	

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the adoption of the Unified Water Label. The process of companies embracing the label and encouraging their suppliers to conduct the necessary tests and incorporate the label on packaging and in literature may take some time, often initiated during updates or when new packaging is ordered.	<p>Limited Awareness: The significance and benefits of water eco-labels might not be adequately grasped by suppliers, manufacturers, or consumers, potentially hindering their adoption. Given Malta's smaller population, suppliers may not be inclined to invest their time and resources into such an eco-labelling system.</p> <p>Cost and Resources: Manufacturers, especially smaller ones, may find it difficult to overcome the high expenses of testing, certification, and compliance.</p>
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6.2 Logistical issues that importers might face once an eco-label is introduced in the local market

Given that the water eco-labels implementation tends to be voluntary, there could be fewer implications if manufacturers already comply with the Unified Water Label (UWL) beyond Malta's borders.

Regarding market positioning for both Category 1 and 2 products and labels (UWL and EcoFlow Malta) under consideration, the process may require a distinct strategy to effectively position eco-labeled items in the marketplace. This could involve the development of novel promotional strategies or packaging concepts aimed at resonating with environmentally conscious customers.

6.3 How does the current stock of imports rate when considering the categories of water-efficient appliances and fixtures?	
UWL - Cat. 1 products	EcoFlow Malta - Cat. 1 products
This query was directed to the MD of the Unified Water Label. According to the response, there are already 3,060 products registered across many brands already sold in the marketplace in Malta. This was later verified on the UWLA	The existing stock of imports for water-efficient appliances and fixtures offers a diversified environment. Imported equipment in numerous categories, such as washing machines, faucets, showerheads, and toilets, have varying water efficiency ratings. Some items may meet high water efficiency criteria,

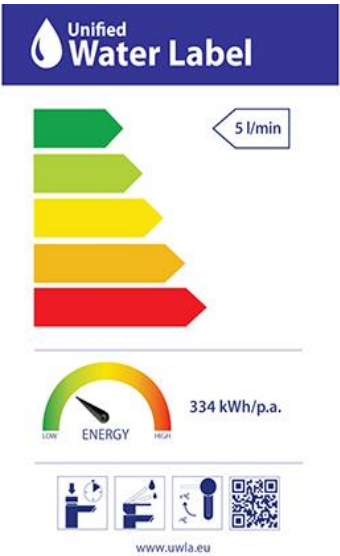
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website: https://uwla.eu/find-a-product/?sp=1&sco=83 .	including innovative features meant to reduce water consumption while maintaining performance. Other imports, on the other hand, may not meet optimal efficiency standards, either due to outmoded technology or insufficient regulatory control in their place of origin. As a result, a thorough study that takes into account aspects such as product specifications, performance data, and industry standard compliance is required to appropriately assess the overall rating of the existing stock in terms of water-efficient appliances and fixtures.
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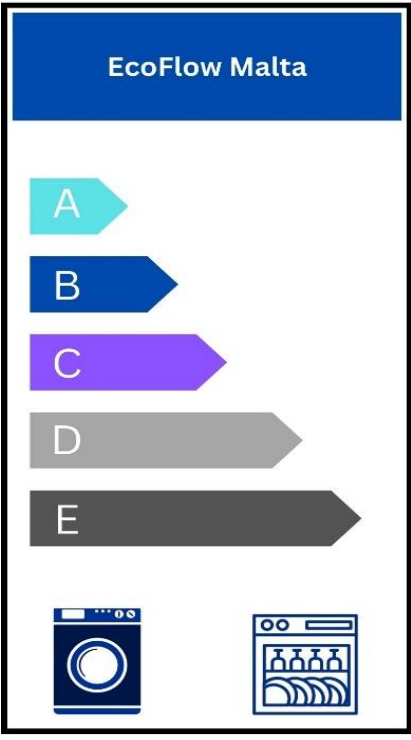
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Infographics of the Labels:

1. UWL:



2. EcoFlow Malta:



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Conclusions:

In light of growing concerns about water scarcity and serious issues posed by climate change, the rapid implementation of an eco-water label is critical. The adoption of such a labelling system is crucial for encouraging sustainable practices and raising knowledge about water efficiency, thereby tackling the mounting environmental risks posed by water scarcity and climate change. Given this context, we strongly recommend considering participation in an established water label scheme that is operational in various other European countries. Joining an existing scheme could significantly reduce administrative demands and the time required to introduce such a label in Malta for Category 1 products.

The rationale behind recommending the implementation strategy based on existing labels, as advised in Options 1, 2, and 3 of section 5.1, is primarily due to the minimal resources required to manage such a label.

Conversely, an implementation strategy involving the adoption of independent standards and an auditing procedure would demand significant financial as well as human resources. Taking into account Malta's smaller population and gross domestic product (GDP)^v compared to other EU countries, meeting such demands might not be feasible and could potentially diminish the participation of manufacturers and suppliers in joining the label.

Andrea Navarra

Business Advisor (Sustainability)

(send electronically)

28th March 2024

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Annex 1 – UWL Registration Form



APPLICATION FOR REGISTRATION

<p>Scheme The Unified Water Label Rue Belliard 12, 1040 Brussels Belgium</p> <p>Telephone: 07980 600446 Email: schememanager@uwla.eu Web: www.uwla.eu</p>
--

Date of Application: _____

Are you a Manufacturer? Yes ☐ Other (please state) _____

Section 1: Company Detail

1. FULL Company Name & Address:

Country Postcode/Zipcode: _____ Tel No: _____ Fax No: _____

Web Address: _____

OTHER (Company Brands to be included) _____

2. Registered Company Number and VAT Number:

3. Full name of the person authorised to process the registration as a Declaration of Conformity:

Mr/Ms: _____

Tel No (Include Country dialling code): _____

Email: _____

Name of nominated person to manage brand information on the website _____

Email: _____

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Is your company or brand registered onto any other energy scheme?

- ANQIP ☐
- Swiss Energy ☐
- Swedish Energy ☐

4. Accounts Department:

Name of nominated person to liase with regarding any accounting queries and payment:

Email Address of nominated person named above:

5. Company representatives authorised to complete each category:

Taps, Combination Tap Assemblies and Kitchen Taps:

Shower Controls (Mixers):

Electric Showers

Shower Handsets, Outlets, Head and Body Showers:

Supply Line Flow Regulators:

Baths:

WC Suites including WC Pans:

Independent WC Flushing Cisterns:

Grey Water Systems:

Urinal Controllers:

Replacement WC Flushing Devices:

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Independent Urinal Flushing Cisterns:

Section 2: Company Statement (Company means the qualifying business as identified in Section 1)

I/We hereby apply to The Unified Water Label, Rue Belliard 12, 1040 Brussels Belgium

I/We have read and understood the information contained in the rules and regulations of the Scheme issued by The Unified Water Label.

I/We certify that all statements made, and information given in this registration are true to the best of our knowledge and belief.

Signature of authorised person (must be the same as section 3):

Print name and title of signatory:

Section 3: Declaration of Conformity:

Each company application for registration must be supported by a Declaration of Conformity which is signed by the authorised signatory of the registered company. The Declaration of Conformity states that all registered product(s) identified satisfies the criteria of the Scheme.

All documents submitted, together with this registration, are deemed to be the property of the Water Label Scheme.

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Annex 2 – UWL Declaration of Conformity

Declaration of Conformity



Scheme
Unified Water Label Association
Rue Belliard 12, 1040
Brussels
Belgium

Telephone: 07980 600446
Email: schememanager@uwla.eu
Website: www.uwla.eu

This Declaration of Conformity confirms that all product subject of application(s) conforms to the requirements of the Unified Water Label Scheme.

Further, that product (s) submitted for approval complies with all relevant EU Regulatory requirements and/or applicable National requirements.

- Other Regulatory requirements will/may apply e.g. Sale of Consumer Goods and Associated Guarantees, Low Voltage Directive, Electromagnetic Compatibility Directive and the General Product Safety Directive.
- Devices used to measure volumes, pressures and flow rates are calibrated to National Standards and meet the criteria needs of the Scheme.
- A documented system of Factory Production Control is in operation.

Does your company or associated brands belong to any other Water Energy label? Please tick all relevant, as this will be included in the product database

ANQJP ☐ Swiss Energy ☐ Swedish Energy ☐

Declaration

I/We hereby certify that all products subject to applications for listing under the Scheme satisfy the requirements of the Scheme and all National Regulatory requirements including those listed above where relevant.

Full Company Name:

Signature of authorised personnel: _____


Printed name and title of signatory: _____


Date: _____


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In which of the following countries is this product currently available and to be listed?


All of the below: ☐

 Austria: ☐

 Belgium: ☐


 Bulgaria: ☐


 Croatia: ☐

 Cyprus: ☐


 Czech Republic: ☐

 Denmark: ☐


 Estonia: ☐

 Finland: ☐


 France: ☐

 Germany: ☐


 Greece: ☐


 Hungary: ☐


 Ireland: ☐


 Israel: ☐

 Italy: ☐

 Latvia: ☐


 Lithuania: ☐


 Luxembourg: ☐


 Malta: ☐

 Netherlands: ☐


 Norway: ☐


 Poland: ☐


 Portugal: ☐


 Romania: ☐

 Russian Federation: ☐

 Slovakia: ☐


 Slovenia: ☐

 Spain: ☐

 Sweden: ☐

 Switzerland: ☐

 Turkey: ☐

 Ukraine: ☐

 United Kingdom: ☐

I certify that the information I, the authorised signatory, provide here is true, and I believe the product meets the criteria defined in the scheme.

JAN2022

For Office use

Received on:
Scheme Registration Number:
Date Listing Commences:
Date Listing Ends:

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Annex 3 – UWL Costings



THE UNIFIED WATER LABEL

COSTINGS

Unified Water Label Scheme
 Rue Belliard 12, 1040
 Brussels
 Belgium

Telephone: 07980 600446
 Email: schememanager@uwla.eu
 Web: www.uwla.eu

Section 1: Company Details

1. Full Company Name and Address and any relevant Company brands:

Tel no (Include Country dialling code): _____ Fax no: _____

Section 2: Costings

The Scheme is owned and operated by the Unified Water Label

There are various levels of applicable fees, see details below. All fees stated exclude VAT where applicable and exchange rate fluctuations will be applied.

Purchase Order Number and VAT Number to be provided.

Annual registration per brand. Applications received during the first year will be charged pro rata and full rates applied thereafter.

			Amount
Annual Registration Fee per brand for Europe	€ 600.00	£525.00	
Companies registering 10+ Brands	€ 6,000.00	£5,225.00	
Category License fee product registrations up to 2000 products per category per annum	€ 2,400.00	£2,250.00	
Category License fee product registrations over 2000 products per category per annum	€ 3,760.00	£3,135.00	
SKU Fee			
1 -49 products per annum	€ 30.00	£26.00	
50 - 90 products per category per annum	€ 24.00	£21.00	
Products above 90 will need a license.			
Audit fee per annum			
Audit per product registration	€ 3	£2.50	
Supporter's fee per annum	€ 300.00	£262.00	

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Section 3: Accounts Department Contact:

Name of nominated person to liaise with regarding any accounting queries and payment:

Email Address of nominated person named above:

Section 4: Payment:

Please make Payments payable to:

Euro accounts ONLY pay direct to:

The Unified Water Label

BIC NWBKGB2L

IBAN GB04NWBK60720116349237

Sort Code 54-10-27

Account Number 16349237

For Sterling accounts please pay direct to:

The Unified Water Label

BIC NWBKGB2L

IBAN GB94NWBK54102713612964

Sort Code 54-10-27

Account Number 13612964

Do you require a VAT receipt? Yes ☐ No ☐

Check list:

Have you attached your Registration Form, Declaration of Conformity and relevant Payment?

Product listings: Have you attached Product/Brand Name Forms and relevant Payment?

NOV 2022

For Office use

Received on:

Scheme Registration Number:

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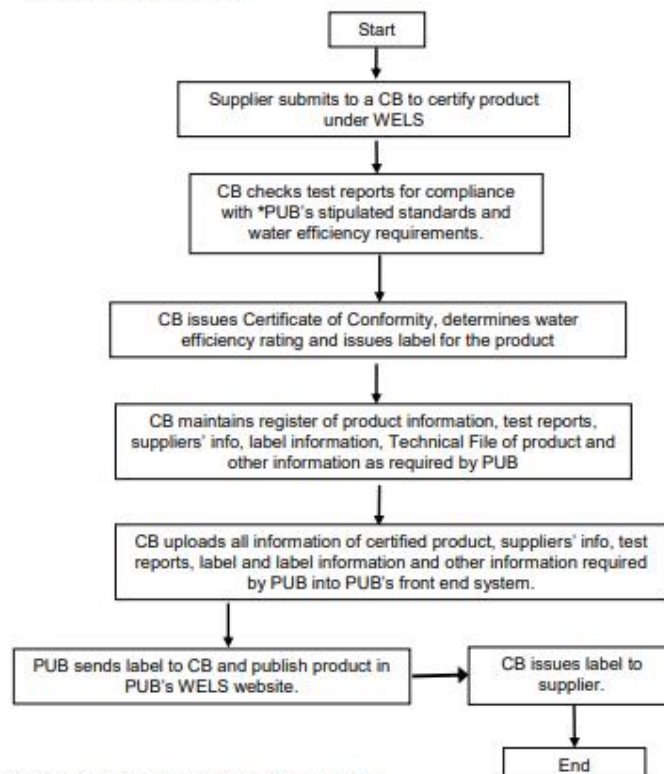
Annex 4 – MWELS (Singaporean eco-water label Certification Procedure)

2 Criteria to become an Accredited Certification Body (CB) for WELS

- a. CBs who are interested to provide certification services for WELS products shall fulfill all the criteria and requirements specified by PUB.
- b. CBs shall be accredited by Singapore Accreditation Council (SAC) in accordance with ISO/IEC 17065 and SAC CT 19 for ISO/IEC Type 1a certification scheme (based on Type Testing);
- c. Notwithstanding the above, PUB may request for additional information or impose other requirements on the CBs.

3 Requirements for Registration of Water Fitting, Appliance, Apparatus or Product under WELS

- a. With effect from 1 April 2018, all water fittings, appliances, apparatuses and products covered under WELS, shall be certified by an Accredited CB for WELS. The workflow for certification of a water fitting, appliance, apparatus and products by an Accredited CB for WELS is shown as below.



*Stipulated standards of water fittings booklet is downloadable from PUB's website at www.pub.gov.sg.

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References

ⁱ(<https://www.waterrating.gov.au/sites/default/files/documents/evaluation-wels-scheme-final-report-2018.pdf>, accessed on 08/09/2023)

ⁱⁱ(<https://uwla.eu/wp-content/uploads/2023/10/Rules-Regulations-OCT-2023.docx.pdf> accessed on 13/10/2023)

ⁱⁱⁱ(https://en.vernonalgarve.com/news-detail/new-portuguese-government-incentives-to-make-homes-more-efficient_17955, accessed on 04/11/2023)

^{iv}(<https://www.pub.gov.sg/Public/WaterLoop/Water-Conservation/Incentives-and-Grants/Water-Efficiency-Fund>, accessed on 04/11/2023)

^v (https://data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=EU&name_desc=true, accessed on 12/01/2024)