

NEWSLETTER

ENDIALE

ΕΘΝΙΚΟ ΣΥΛΛΟΓΙΚΟ ΣΥΣΤΗΜΑ
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ALTERNATIVE LUBRICATING OIL WASTE MANAGEMENT SINGLE-MEMBER PLC

NATIONAL COLLECTIVE SYSTEM OF ALTERNATIVE MANAGEMENT WLO



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ENDIALE George Deligiorgis

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We dare to create the future



In the face of the magnitude of uncertainty emerging through the escalating effects of climate change, the difference between success and failure is determined by our ability to protect the environment while shielding the economy. In this momentum, it is crucial to highlight examples and practices that reassure society that this ability is realistic and can ensure a sustainable future for all.

We at ENDIALE feel good because we prove in practice that we can do it. A recent study by RDC Environment conducted on behalf of the French Environment Agency ADEME, comparing Greece with the other 4 most advanced countries in the management of lubricating oils, Belgium, Spain, Italy and Portugal, confirms the first place of our country in the EU for 100% WLO regeneration and over 70% target for the WLO collection rate. Moreover, it is emphasized that this success is achieved with the final cost to the consumer being overwhelmingly lower than in other countries.

The recognition of our work as a best practice of Circular Economy at pan-European level in the management of WLO is not only a moral reward but also a practical proof that sustainable development is a realistic goal, insofar as there is a plan, know-how and above all a will for cooperation. Each partner of the System, Responsible Administrators, Collectors and Regenerators, have their own share of contribution to this great collective success. In this way, we invest in highlighting what we have achieved together so far and set as priority to raise public awareness - mainly through the use of social networks at this stage - regarding the environmental benefits and the value of the principles of the Circular Economy within the society we live in.

Sustainable development is the historical bet of our generation both in Greece and in Europe. If we do not change course, we risk losing everything that provides us with security and prosperity. That is why the EU is changing, pursuing the boldest and most ambitious policies in the world to tackle climate change. The European Green Deal (EGD) is now Europe's development strategy with a view to a just and prosperous society, with a modern, efficient, competitive and circular economy.

In this perspective, Greece is not the breathless straggler of the past but the capable leader of the future, as our example clearly proves. We dare to create the future that will make us really proud.

Have a nice summer!

George E. Deligiorgis
Chairman of the Board & CEO

New European excellence award for ENDIALE

The leadership in management of WLO is recognized by Ademe, the French Environment and Energy Management Agency

The leading position of Greece in the Management of Waste Lubricating Oils in Europe and the continuous upward course of ENDIALE, the National Collective System of Alternative Management of Waste Lubricating Oils (WLO), is recognized by the study of RDC Environment (as mentioned in the Editorial).

This study compares Greece with the other 4 most advanced countries in lubricant waste management, Belgium, Spain and Italy and Portugal, with excellent and measurable results.

Specifically, the study confirms Greece's lead in the EU for 100% WLO regeneration and the over-coverage of the 70% target for the WLO collection rate.

It is also worth noting that this success is achieved with the final cost to the consumer being overwhelmingly lower than in other countries (only one third of the next lower cost of EU countries).

These very important data become even more interesting if we consider that only in 1999, Greece held the first place in the illegal management of WLO in the EU with a percentage of 63%, while at the same time it had one of the lowest WLO regeneration rates (8%).

The CEO of ENDIALE, Mr. George Deligiorgis, stated in this regard:

"The presentation of this study is another moment of great satisfaction and pride for all of us in the ENDIALE family. In a short time and with a vision, a plan and lots of work, we managed to bring our country in the first place, leaving behind us the past of lawlessness. But we are not complacent - we aspire with even greater intensity, to involve those who really benefit from the process of the revival of the ALE, the citizens, in the joint effort for the protection of the environment, the circular economy and the support of the national economy".



TOYOTA: Environmental Challenge 2050

We continue the presentation of our Network that spreads throughout Greece. After the hosting of a “Regenerator” and a “Collector”, in this issue we give the floor to a “Responsible Administrator”, TOYOTA Hellas. TOYOTA Hellas has been distinguished for its action in terms of the optimal alternative management of lubricating waste oils, their collection and delivery for recycling. We asked Mr. Christos Vontas, Environmental Affair Advisor of Toyota Hellas, to describe how the environmental dimension is integrated in the company’s activity, both globally and in Greece.

TOYOTA has a long history worldwide in matters of management and protection of the environment, while at the same time this issue occupies a central place in the core of its corporate culture since the early 70’s.

Since its founding in 1937, the Company’s Management as a whole has been consistently committed to the idea of contributing to society and leading innovation through technology and creativity. This spirit of challenge for change has been transmitted through the company’s DNA.

At the same time, it has already demonstrated its sensitivity by acting effectively, based on the principle it advocates, contributing to the creation of a prosperous society through the construction of vehicles, while always conducting its business activities by placing environmental initiatives at the forefront of its administrative priorities.

Proof of this is its corporate strategy, “Toyota Environmental Challenge 2050”, where the high investments that have been made so far in research, development and production of vehicles have, among other things, achieved the evolution of the world’s first mass-produced hybrid car, the Prius, now followed by all the available TOYOTA models but also by other manufacturers, and MIRAI - fuel cell technology.

But despite these proactive initiatives, the global environment remains in a critical condition. Extreme weather phenomena caused by climate change and greenhouse gases are threatening our lives. Meanwhile, the severity of environmental issues is growing rapidly, with population growth accompanied by water scarcity, resource depletion and biodiversity degradation due to ecosystem fragmentation.

Toyota’s Environmental Challenge 2050 consists of six separate “challenges” that cover every aspect of its business, the exploration of new products and technologies, and its role as a facilitator of individuals and societies for the knowledge and improvement of the natural world around them.

Challenge 1

New vehicles with zero CO2 emissions

The challenge, for the construction of New Vehicles with Zero CO2, aims to reduce the CO2 emissions of our vehicles by 90 percent by 2050, compared to the levels they had in 2010.

To achieve this, all conventional fuel models are becoming more energy efficient, and the development of new generation vehicles with low or zero CO2 emissions is being promoted, including hybrids, plug-in hybrids, electric and fuel cell vehicles.



Challenge 2

Zero CO2 Lifetime Emissions

With the challenge "Zero CO2 Lifetime Emissions" we want to achieve even more than just eliminating the CO2 emissions generated during vehicle construction and when used by our customers.

We want to eliminate carbon emissions from the manufacture of materials and components, from handling activities and from disposal and recycling methods when vehicles reach the end of their life.

Challenge 3

Factory Zero CO2 Emissions

Cars do not only emit CO2 when they are driven, but also during their production in factories.

To help curb climate change, we have created our strategy to achieve zero CO2 emissions in our production plants, focusing on the technologies we use and switching to alternative energy sources.

Challenge 4

Minimizing and Optimizing Water Use

The world's water needs are growing rapidly, it is now vital to preserve its existence by limiting the amount we use in the manufacture of our products and recycling as much as we can.

Challenge 5

Creating Societies and Systems Based on Recycling

Growing populations, economic growth and the desire for more comfortable lifestyles are putting increasing pressure on natural resources and are creating more waste.

We want to help rebuild an ideal resource recycling society by focusing on four key areas:

Using more environmentally friendly materials

Designing and using durable components

Developing more efficient and thorough recycling technologies

Using more of the materials recovered when a vehicle is discarded to make new ones.



TOYOTA: Environmental Challenge 2050

Challenge 6

The Creation of a Future Society in Harmony with Nature

To maintain and improve our coexistence with nature, we must preserve our forests and other rich ecosystems.

We carry out projects - small and large - around the world, at all levels of our business, to support our goal of "enriching lives and communities" by reforestation and planting trees, green urban environments and other environmental initiatives both inside and outside our factories.

As Toyota's global goals are quite ambitious, there is no doubt that it has become imperative that all Toyota companies around the world immediately activate and intensify their efforts to live up to its environmental philosophy.

Looking ahead, all the partners are obliged to contribute to society continuously through their business activities in order to continue to be a company that has customers as their first choice and which creates in each of them a special smile.

Thus:

A) Toyota in Europe recently achieved the lowest CO2 emissions compared to all other manufacturers based on all rankings and was the company closest to the EU target for 2021/22. This success, once again makes the company the pioneer in its industry by far, a fact that is due solely to its aforementioned strategy and especially to Challenge No. 1, and the success of marketing all its models with hybrid technology, thus achieving the designation as the company with the largest sales mix of cars with alternative fuels and environmentally friendly technologies (hybrid-hydrogen-plugin)

B) TOYOTA HELLAS renewed in 2019, with effect until the end of 2021, its environmental certification according to ISO 14001: 2015, while at the same time based on the global environmental philosophy of TOYOTA, led its entire Network of Authorized Dealers and Repairers in Greece (74 points), to follow this standard.

Today, environmental certification is another proof of leadership and uniqueness of TOYOTA in the Greek car market, as the brand has the only Network of Authorized Dealers and Repairers in our country with environmental certification according to ISO 14001: 2015.

Additionally, TOYOTA, on the occasion of the environmental certification, set for the entire network as the main Key Performance Indicator (KPI) the reduction of energy consumption and water use by 3% by 2021 based on the data of 2018.

The coordinated actions of the members of the network so far show that all the entrepreneurs, employees but also the implementation of the coordinated efforts and programs led for the first year of implementation of this strategy, at GREECE level, to achieve a reduction to:

Electricity consumption - by 3.5%

Fuel for heating - by 31,4%

Fuel for body shop - by 4%

Fuel for cars T / Drive - Courtesy - by 2.4%

Water consumption - by 24,3%

It should be noted that these results were achieved through:

- The systematic measurement,
- The change of car fleet from conventional to cars equipped with hybrid technology
- The individual actions e.g. Replacement of lamps with new technology - LED, installation of photocells, etc.
- The use of alternative fuels e.g. Natural gas instead of natural gas
- The shutdown of washing machine units due to a change in the system of preparation of new cars and the installation of automated units.



In addition, TOYOTA HELLAS:

- a) Monitors and supports the collection and disposal to licensed collectors and recyclers of all waste arising not only from the maintenance and repair of vehicles but also from all the activities of each company of the official network (marketing - after sales services - support services)
- b) Supervises the classification of all waste by EWC (European Waste Codes) and hazard in special containers and in retrospect assigns their disposal to licensed collectors and final managers
- c) Provides continuous training in order to raise environmental awareness and activate the entire network and its partners (logistics company), the application and implementation of all requirements of the management system and the collection, classification and disposal of waste.

TOYOTA HELLAS is the only company in the vehicle marketing and sales sector in Greece that implements the system of environmental management and recycling of waste in its entire network. A significant and objective difficulty in this action is the amount of waste generated by the activity.

The ENDIALE alternative oil management system awarded TOYOTA Hellas and the partner of the DIMCO Authorized Repairer network for their action in the optimal alternative management of Lubricating Oil Waste. For 2019, approximately 370,000 kg of Lubricating Oils for recycling were collected and delivered to the Lubricating Oils system from the whole network, and a slightly reduced quantity for the corresponding period of 2020, despite the adverse market conditions.

Furthermore, TOYOTA HELLAS, on the occasion of its environmental certification according to ISO 14001: 2015, as well as its participation in the implementation of its strategic goal, has the opportunity to inform its customers and TOYOTA MOTOR CORPORATION, that the company has integrated into the policy the concern for the protection of the environment and thus aims at its participation in the global campaign that TOYOTA has planned for 2020-2021 for the ENVIRONMENT and on the occasion of the TOKYO-JAPAN OLYMPIC GAMES.

The President of TMC (TOYOTA MOTOR CORPORATION), Dr. Akio Toyoda, who has shown particular sensitivity on a personal level, in the actions of the "Toyota Environmental Challenge 2050", recently addressed the members of the working group for the environment, and taking into account the actions and results of TOYOTA HELLAS and of its Network stated, among other things:

"Nothing is impossible if all TOYOTA members worldwide unite their forces and minds, their love for cars and their love for our planet".



Awareness actions on social networks by ENDIALE

Sustainable development requires a transformation of everyday life, a change of habits and standards, a broad acceptance of the circular economy as a new economic model of production and consumption. Therefore, raising public awareness is a crucial factor in achieving the social partnership needed to pave the way for a sustainable future.

In this regard, we have made it a priority to raise public awareness of the benefits of lubricating oils and its contribution to a sustainable tomorrow for the economy and society. The highlighting of the results achieved by ENDIALE and its firsts, which bring Greece to the top among European countries, is a positive example that proves in practice that we can do much more when we work systematically and with a vision.

The use of social networks, in which ENDIALE now actively participates, brings us in direct contact with a wider audience of citizens. With quality primary content and utilizing the tools of modern graphic design, we manage to describe with the greatest possible simplicity a complex process such as the collection and regeneration of lubricating oils.

The significant response that this effort is already finding, encourages us to continue, enriching the information and awareness activities on the management and regeneration of lubricating oils but also more broadly on the concept of the circular economy and its importance for the sustainable world of the future.

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1ST STAGE
COLLECTION



ENDIALE

2ND STAGE
TRANSFER



ENDIALE

3RD STAGE
TEMPORARY
STORAGE



ENDIALE



World Environment Day

“If we do not save nature now, we will not be able to achieve sustainable development”

Global uncertainties that are not limited to the pandemic, but also include the challenges that emerge through the effects of climate change, were brought to the fore this year by the celebration of World Environment Day.

World Environment Day (WED) is celebrated on 5 June each year and is the main vehicle of the United Nations to encourage global information and action to protect the environment.

Designed by the United Nations General Assembly in 1972 on the first day of the United Nations Conference on the Human Environment as a result of discussions on the integration of human interactions and the environment. It was first celebrated two years later, in 1974 on “Only One Earth”.

According to the State of Finance for Nature report released this year by the United Nations Environment Program (UNEP), “a total of \$ 8.1 trillion is needed to invest in nature between now and 2050 - with annual investment set to reach \$ 536 billions of dollars a year by 2050 - to tackle interrelated climate, biodiversity and land degradation crises”.

It is a fact that the loss of biodiversity already costs the world economy 10% of its production each year and if we do not adequately fund natural solutions, we will affect the ability of countries to make progress in other vital areas such as education, health and employment.

“If we do not save nature now, we will not be able to achieve sustainable development”, said Inger Andersen, UNEP Executive Director.



World Environment Day



Message from the President of the Hellenic Recycling Agency (HRA/EOAN)

The President of EOAN Nikos Chiotakis in his message for the World Environment Day stressed::

“With Recycling, we protect the Environment, we give value to our lives. We leave behind the disposable plastics and replace the plastic bag with a reusable one. We reduce the production of waste at home and at work. We make our daily recycling of packaging paper, glass, plastic, aluminum, electrical and electronic devices, batteries a routine utilizing the thousands of points and special bins that are placed throughout Greece. We use products from environmentally friendly materials that last longer and can be used over and over again. The Hellenic Recycling Organization “comes forward”, with actions of information, education and awareness of the citizens to make recycling a way of life. We make Recycling our daily routine and we honor with deeds, the World Environment Day 2021”.

ENDIALE at the center of a tribute to the World Environment Day

An extensive article entitled “ENDIALE: The success story of waste lubricating oils - A silent first” was hosted by the “Efimerida ton Syntakton” on 5.6.2021 as part of a special tribute to the World Environment Day.

The article of the newspaper reads as follows:

Although Greece lags behind in actions aimed at effectively protecting the environment and achieving critical goals for sustainable development, there is one surprise that comes as a surprise. This is the recycling of waste lubricating oils and the fact that our country has managed in recent years to have the best performance in all of Europe!

It is noted that Waste Lubricating Oils are particularly hazardous waste because they contain:

- Heavy metals that should not escape into the atmosphere or aquifer because they are toxic and carcinogenic.
- Polycyclic Aromatic Hydrocarbons at a rate of >3% wt carcinogenic compounds in simple contact with the skin.



World Environment Day

In this way, ENDIALE contributes in practice to the optimal management of natural resources and energy, achieves the reduction of the environmental footprint and the saving of valuable capital for the national economy, placing Greece in the first place in the EU with a recycling rate of 100% on collected WLO.

"The promotion of the new economic model of the circular economy, of which the regeneration of waste lubricating oils is a part, is the only way for the sustainable development of the Greek economy" emphasizes the CEO of ENDIALE S.A., Mr. George Deligiorgis and adds: "We feel it is a great pleasure that the example of ENDIALE emerges as a best practice at pan-European level in the management of WLO, and puts Greece in the first place among all EU countries in this field. In this context, the results of 2020, a particularly difficult year due to Covid-19, make us proud".

Recycling 100% of the collected WLO is not only a good practice of circular economy. It is much more of a national success that proves in practice that every effort with vision, knowledge and cooperation brings results and that Greece can play a leading role at the national level.

That is why it is of great value that the "silent" success of ENDIALE becomes more widely known and inspiring as an example that shows that we as a country can raise the bar for the environment and sustainability and go over it.

This is also the priority that ENDIALE sets for the next period. As Mr. Deligiorgis explains: "We want to make citizens aware of the benefits of lubricating oils and its contribution to sustainable development at a time when our country needs more than ever positive examples that lead to a better tomorrow for all".

Have a nice summer!



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