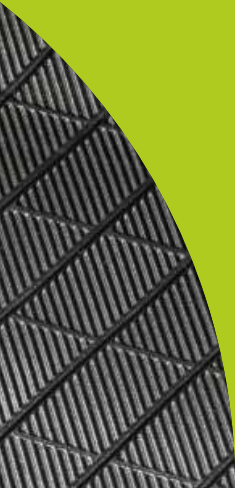
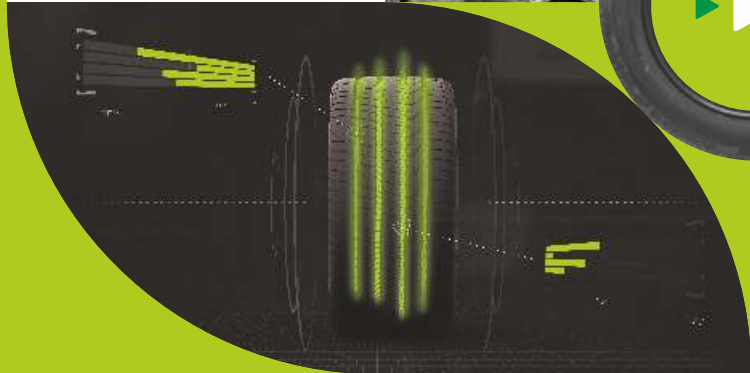


Annual Report

2019



Annual Report

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IOANNIS DOUKAS TSOLAKIS

Chairman & CEO



Last year was extremely successful for the management and utilization of used ECOELASTIKA tires. **ECOELASTIKA, always committed to its objectives and aspirations, managed, in the best way and with absolute success, 96.2% of the estimated amount of withdrawn tires** either in the form of recycling as a raw material for the production of other products or in the form of energy recovery as an alternative fuel. It should be noted that the success of the operation of the system in terms of efficiency, productivity and effectiveness is mainly due to the use of new technologies and online processes.

Committed to our objectives, we worked for the benefit of the three pillars of sustainable development of our country: the environment, the economy and the society.

More specifically, ECOELASTIKA participated in research projects aimed at finding more feasible uses and benefits for people and society, with continuous updates and activities. It raised awareness of the citizens by promoting the recycling culture too. It also carried out free constructions of safety floors in schools all over Greece, having as priority children's safety and the creation of improved conditions in the infrastructures.

Last year, in terms of research and development, ECOELASTIKA, with the help of funding from the Operational Program "Competitiveness, Entrepreneurship and Innovation", focused its research on improving and increasing the life of recycled tires materials aimed at implementing projects in cooperation with government agencies, always respecting the limits and limitations of the REACH regulation.

All these actions were worthily presented at International Exhibitions and Conferences and the contribution of ECOELASTIKA to the Circular Economy was realized, always based on environmental and economic criteria.

In addition, with the use of social media, we carried out 57 campaigns informing a large number of citizens about issues related to the proper management of used tires, the environmental protection, the Circular Economy, etc. Within 2020, we aim at further reducing the stock of whole tires by 1.000 tons in temporary storage of tire recycling units which will be achieved by funding their transport.

Finally, we conclude that the main objectives of ECOELASTIKA's actions are to raise awareness of citizens of all ages about the importance and the need of Recycling as well as the value of the Circular Economy through the understanding of the significant benefits that arise for both the society and the nature which according to an Indian proverb, we do not inherit it from our ancestors, but we borrow it from our children.

GEORGE MAVRIAS

General Manager

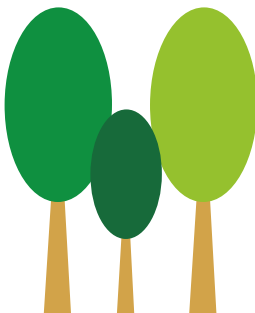


2019 was a successful year for the Collective System for Alternative Management (ECM) of used ECOELASTIKA tires. The system received a renewal of its operating approval for the six years 2019 - 2025. **The new approval includes the start of utilization of external diameter tires from 1400mm to 1600mm for which until today ECOELASTIKA was not responsible for their management.**

Last year, ECOELASTIKA managed about 90% of the tires that entered the Greek market either as spare parts or integrated in the newly imported vehicles. The recovery of end-of-life tires withdrawn in 2019 was 97%, out of which 65% was used as material in applications that promote recycling and the circular economy. The remaining 35% was used from the energy point of view, as an alternative fuel in cement production units in Greece and abroad. The recycling rate of used tires in our country remains one of the highest in the EU.

In the field of research and development, ECOELASTIKA in 2019 continued to **participate in programs aimed at exploring specific technologies for the absorption of end-of-life tire processing products** with the absolute goal of expanding the range of final applications for these materials. Funding for research on the safe use of materials produced from tire recycling was also continued, ensuring compliance with the strict restrictions of the REACH Regulation.

Remaining stable and faithful to our principles, we continued in 2019, within the framework of Corporate Social Responsibility, the free construction of safety floors made of recycled rubber in the yards of kindergartens and primary schools, giving joy to children, teachers and parents. Also, with the use of social media and the continuous process improvement, we strengthened our relationships with all relevant stakeholders in the used tire management chain from the dealers, to the obligatory importers.



Declarations of New and Used Tires that Entered the Greek Market in 2019

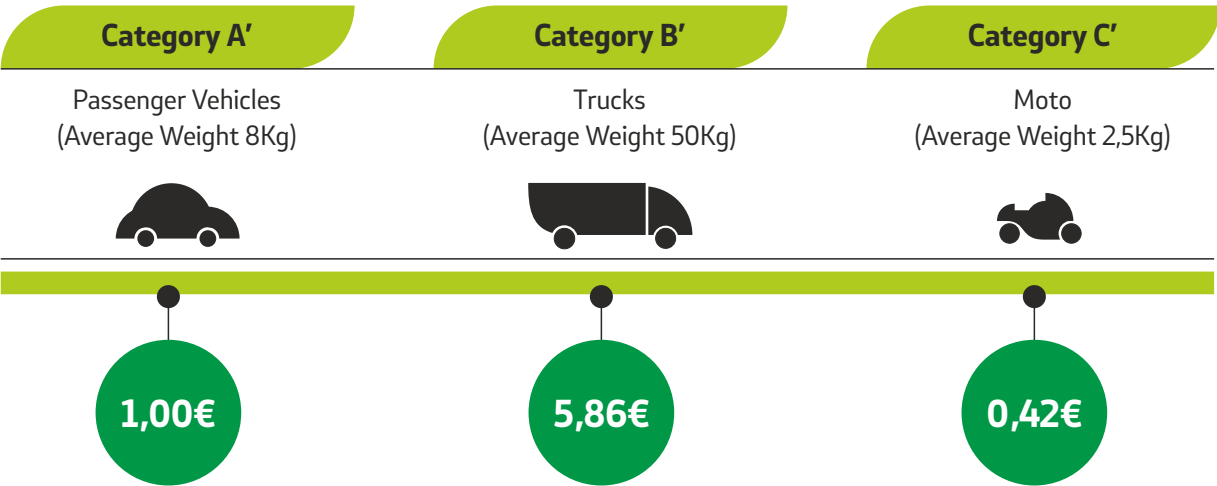
The importer pays a contribution for the environmental management of the tires he imports

In Greece, there are 3 categories of imported tires:
a) new, b) used or c) retreaded. They are available in the Greek market in two ways:
1. either as spare parts designed to replace worn vehicle tires
2. or integrated in imported vehicles. So, in this case, they are pre-existing on the vehicle, so they are not considered spare parts

The total quantity of tires introduced in the Greek market in 2019 amounted to **48.860** tons. Out of this quantity, **43.741** tons were tires that came to Greece through tire importing companies, while **5.119** tons were tires that were channeled to the Greek market integrated in imported vehicles.

In each tire category, the obligated importers are required to pay an amount of financial contribution to ECOELASTIKA environmental fee, for each and every tire item they bring into the Greek market. They also have to take care of the optimum way of management either in the form of recycling or in the form of energy utilization of all used tires collected from the collection points.
The environmental fee for 2019 and for the three categories of tires managed by ECOELASTIKA were maintained at approximately the same level as those of the years 2016-2018.

The table below lists the fees per category, for each piece of tire

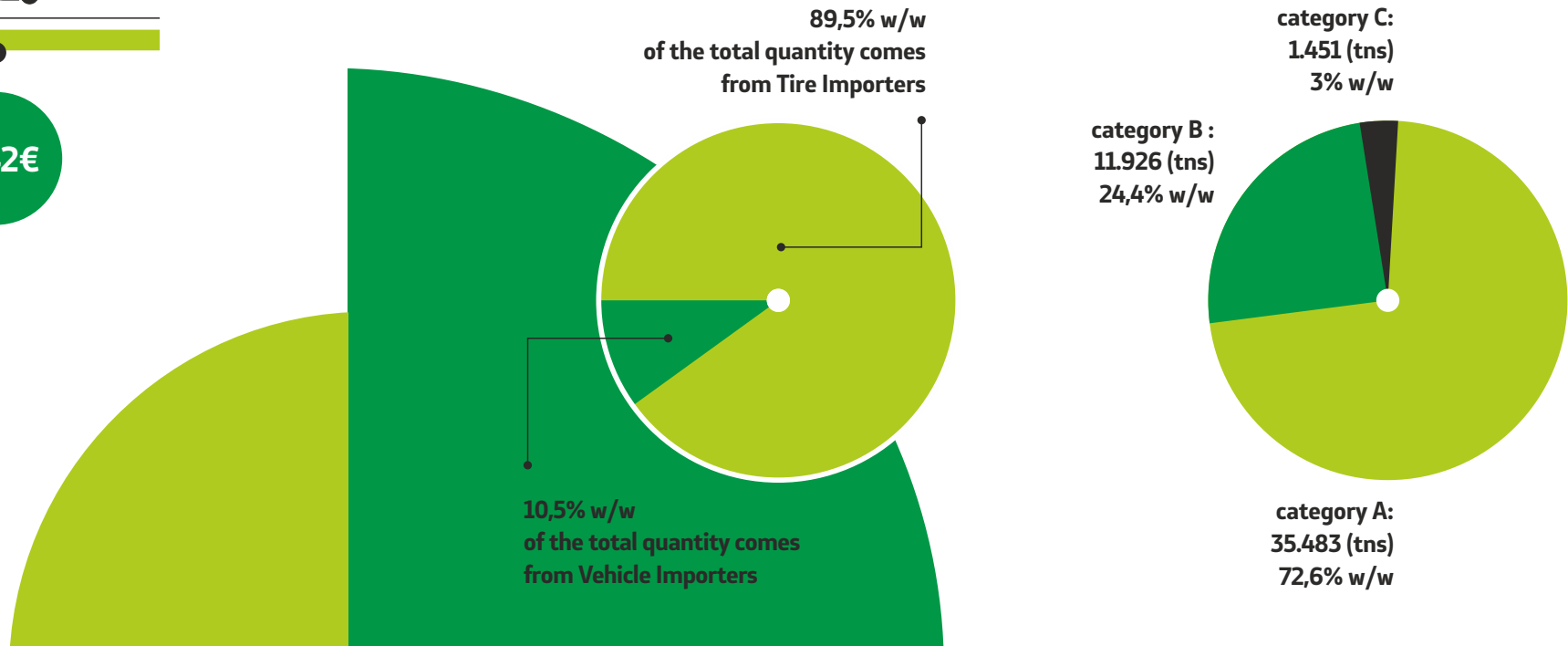


At the end of 2019 and more specifically on 31/12/2019, the number of tire importers and vehicle importers that were contracted with ECOELASTIKA was 140 and 68 respectively.
The declaration of the number of tires imported in the Greek market per category is made every quarter by the obligated importers of tires and vehicles, constituting the most important and valid indication for the quantities of end-of-life tires that are expected to be collected from collection points and holders and be disposed of as waste in the recovery units in order to be "regenerated" and reused in the form of other products.

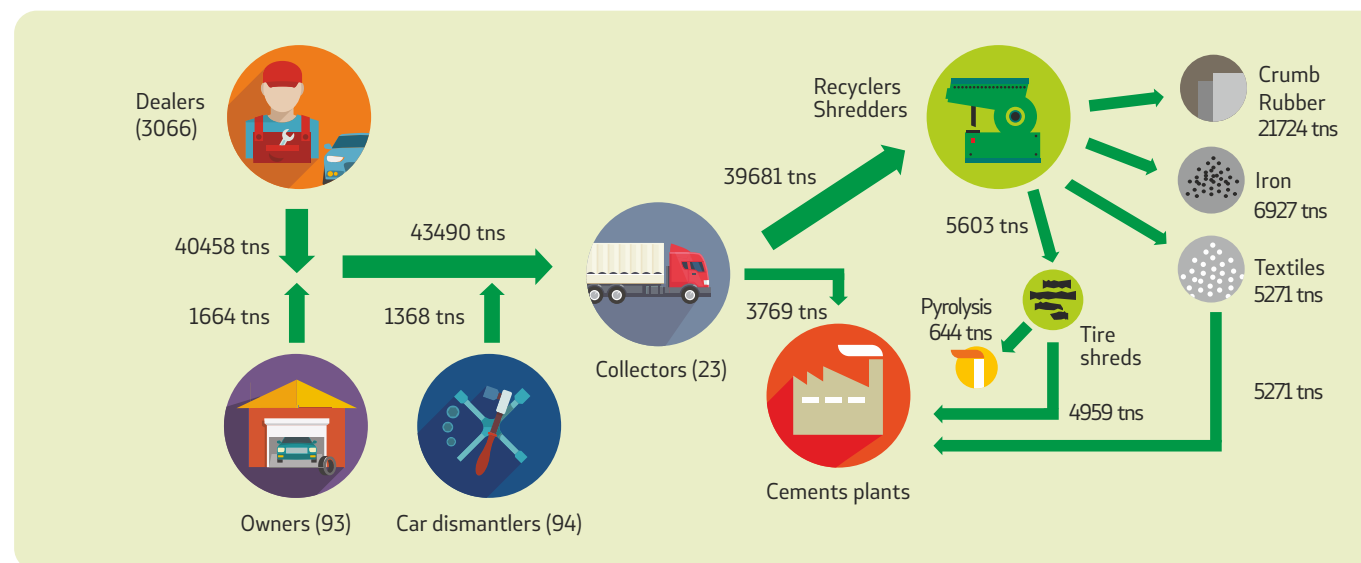


New Tires Declarations (put on the market) for 2019 year

	Tires Category A	Tires Category B	Tires Category C	Apparent Weight (tn)
TIRE IMPORTERS	3.861.814	231.986	498.889	43.741
VEHICLE IMPORTERS	573.605	6.530	81.349	5.119
TOTAL	4.435.419	238.516	580.238	48.860
TOTAL (TNS)	35.483	11.926	1.451	48.860



Used Tired Flowchart 2019



End - of - Life Tires Management - 2019

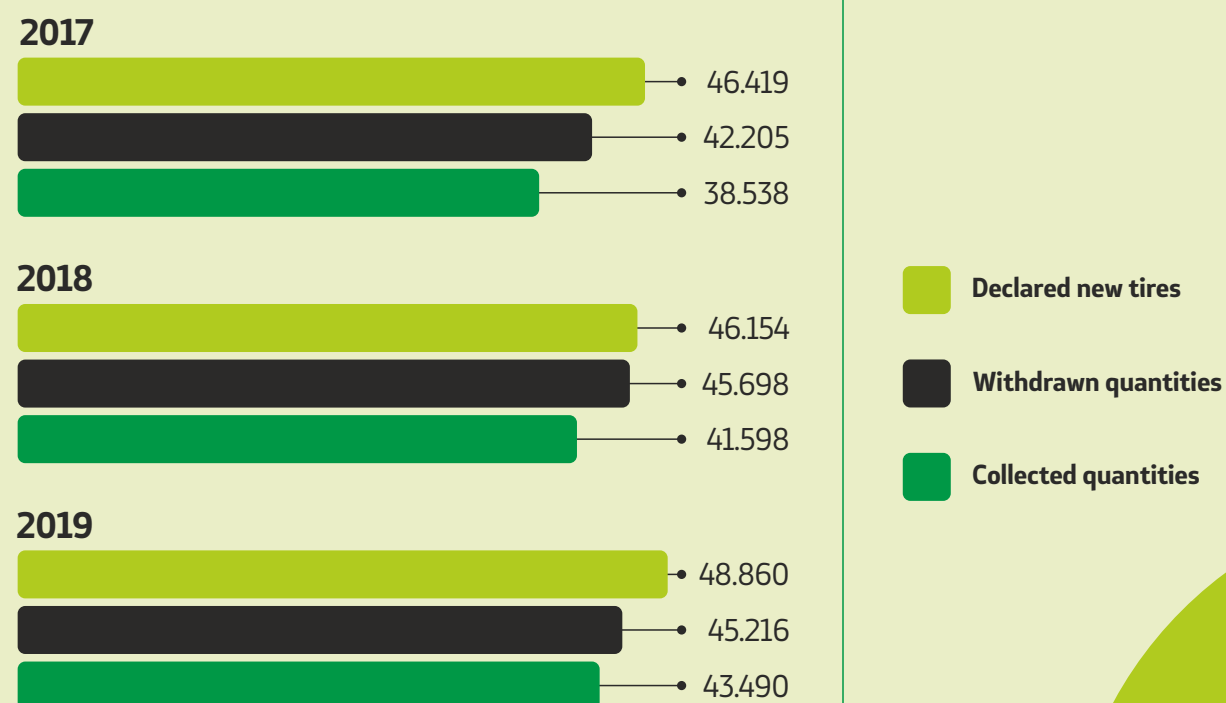
A. Collection - Transport and Delivery of Used Tires

Optimum Management either in the form of recycling or in the form of energy recovery

ECOELASTIKA, always committed to its mission and with a high sense of responsibility, organizes, nationwide, the collection of useless vehicle tires.

In 2019, it managed with absolute success **96.2%** of the estimated withdrawn quantity of end-of-life tires in Greece, a percentage that corresponds to almost the entire market.

Comparative table from 2017-2019



Aiming at the direct collection of used tires, it has established long-term reliable partnerships with **23** licensed collectors-transporters, with whom it has made the necessary agreements, in order to ensure the uninterrupted delivery of waste to the cooperating recovery plants that have the required license. ECOELASTIKA fully assumes the management costs which include 2 separate procedures: collection-transport costs and utilization costs of the Used Tires.

ECOELASTIKA collects the useless vehicle tires from the points where the old tires are replaced with new ones.

These collection points, for 2019, were:

- 1,670 Tire Dealers
- 1,128 Vehicle Repair Shops
- 48 Car Rental Companies
- 220 Gas Stations

The above collection points are called **ecoelastika spot** and have been granted with the identification sticker of ECOELASTIKA, proving that they are its certified partners. ECOELASTIKA also manages used tires from other sources. For example, tires coming from specific owners, according to special terms of cooperation.

These holders are:

1. 72 Private companies, wider public sector, Municipalities, Solid Waste Management Authorities for useless tires resulting from the replacement of old tires with new tires in their fleet
2. 13 Municipalities, Solid Waste Management Authorities, for end-of-life tires that may result from uncontrolled & inconsiderate dumping in waste bins or in the countryside. So, a collection is made from those points as well
3. 7 Sorting Centers for Recyclable Materials, contracted with the Greek Recovery and Recycling Company for used tires that have been discarded
4. 94 End of life vehicles dismantling facilities (Contracted with EDOE)
5. 1 Waste management company

Collected used tires come from:

- Collection Points (tire-dealers - workshops) 92.5%
- Vehicle dismantling facilities 3.4%
- Tire owners 4.2%

Collected used tires come from:

- Collection Points
- Vehicle Dismantling Facilities
- Tire Owners

Collection Points **ecoelastika spot**

- Tire Fitting Centres
- Vehicle Repair companies
- Other - Gas Stations
- Leasing Companies



B. Analysis of Collected Quantities of Used Tires

Waste Tire Collection Points: Efficient Service to the Residents of each Area

Responding to the population density and economic activity of each geographical area of the country, **the distribution of collection points is directly proportional to the quantities of used tires collected from these areas.** Thus, the more densely populated and economically active an area is, the more collection points of useless tires it needs to have, in order to be able to effectively serve its residents and the companies that operate in it.

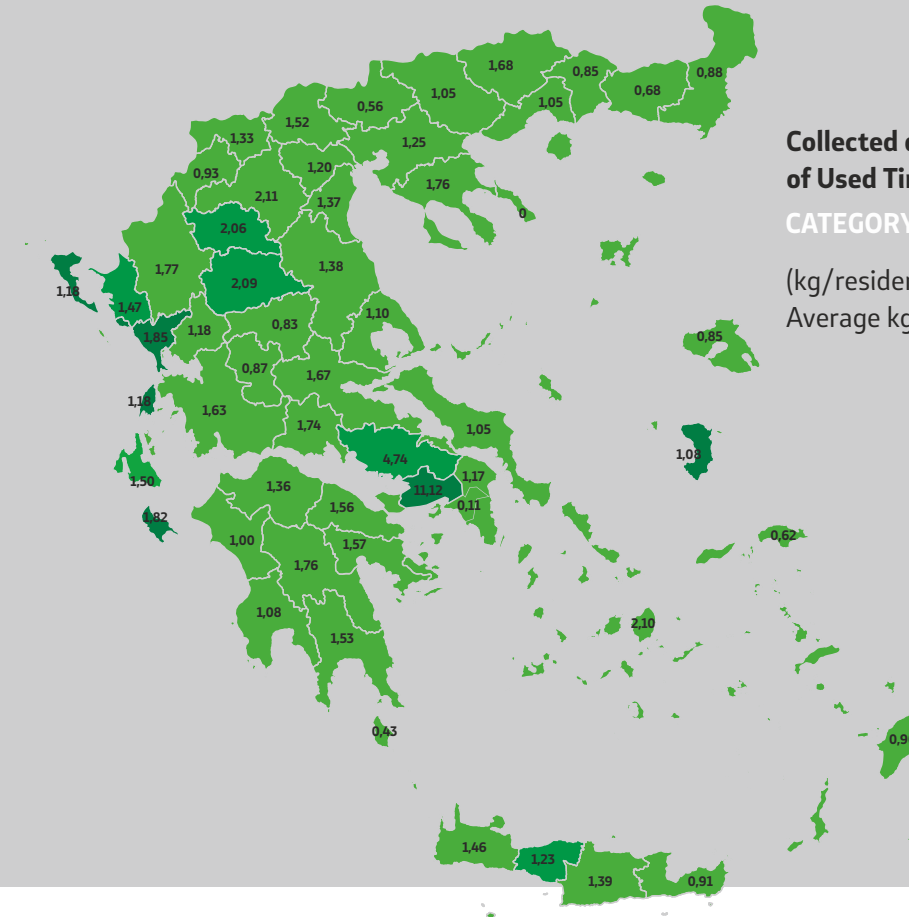
Collected quantities of Used Tires CATEGORY A'

(kg/resident
Average kg/resident: 2.66)



Collected quantities of Used Tires CATEGORY B'

(kg/resident
Average kg/resident: 1.53)



Orders for the collection of waste tires are placed:

1. Via automatic telephone system IVR server
2. By ordering online of the registered collection point at the ECOELASTIKA website www.ecoelastika.gr
3. By direct telephone communication with a representative of ECOELASTIKA

More specifically, the distribution by Medium for 2019 was as follows:

Total **23,105** orders of which:

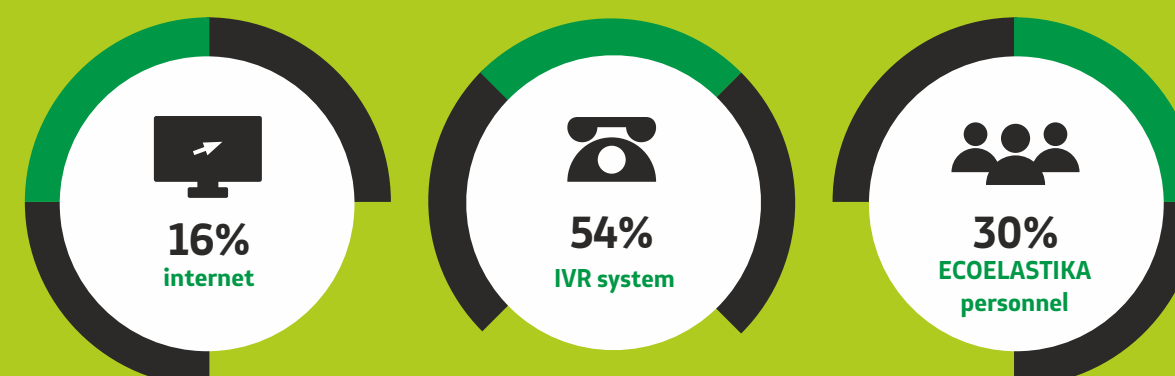
- a) 16% was done via internet
- b) 54% were registered via the Automatic Call Center (IVR)
- c) 30% by telephone with an ECOELASTIKA employee

Collection of Used Tires by Prefecture

Tires of all three categories A, B, C are collected from every prefecture of Greece. The analogy of collected tires per category varies based on specific parameters:

- a) Population Density of each prefecture
- b) Total Population of each prefecture
- c) Economic & Commercial Activity of each prefecture

ORDERS REGISTERED 2019



CATEGORY C'

(kg/resident
Average kg/resident: 0.06)



Every day counts!

The basic parameter for measuring ECOELASTIKA performance is the **service of the collection points in three (3) working days**.

The average service time of collection points, per month for 2019, was 3.5 days for the whole country.

ECOELASTIKA monitors and records the average service time per geographical area, giving special focus on the areas where the withdrawn quantities of used tires are larger so that, year by year, the service is faster and more efficient.



D. Online Management

Modern technologies for higher speed and efficiency

New technologies and **online processes** (online technologies and telematics applications) are adopted by ECOELASTIKA in order to achieve the optimum system operation in terms of orderliness, efficiency, performance and reliability. This means that integral parts of the process are performed with higher speed and efficiency.

The most important thing is that the monitoring of all stages of the management of used tires is done electronically. In this way, all the qualitative and quantitative data describing the management of end-of-life tires (collection - transport - recovery) is digitally recorded, in real time. The benefit is the complete traceability in all stages of the supply chain management of used tires which is not only feasible but also easier to locate and understand.

For this purpose, **ECOELASTIKA uses the necessary electronic equipment (customized application Collection - app)** which it has supplied / installed to the contracted collectors - transporters. This application is connected to the central system of ECOELASTIKA and thus, in this way, collectors can be directly informed about the orders that have been registered. This ensures the correct regulation of routes for the collection of waste tires from the collection points.

At the same time, the collectors-transporters record the respective information of collection and delivery waste tires from the collection points to the cooperating recovery units. Therefore, on both sides, there is a complete recording and monitoring of information.

Therefore, **Directness, Validity and Quality** are the **3 benefits of the services** provided by the system for the collection of information on the circulation of end-of-life tires through ECOELASTIKA's central server.

The above, in combination with the understanding, interpretation, and utilization of statistical data, allows to draw useful conclusions, which further facilitate the task of managing used tires, generate new ideas and contribute to the progress and development of ECOELASTIKA services.

Online Management

Data of used tires management 2019

Orders for ELT collections from...



Owners (93)



Dealers (3066)



Car dismantlers (94)

Sent to Ecoelastika via...



Ecoelastika staff (30%)



Internet (16%)



Automated Telephony System (54%)

Mobilizing trucks delivering ELT's to recovery units



Weighted trucks (9243)



Different trucks (309)



Av. tns delivered per truck (5.5)

INPUT

Producing and selling end-products and alternative fuels



Weighted trucks (3424)



Different trucks (1010)



Av. tns delivered per truck (13.8)

OUTPUT

Used tires were collected from **3,066 initial** collection points across the country in **369** different trucks and then shipped to recycling or energy recovery plants.

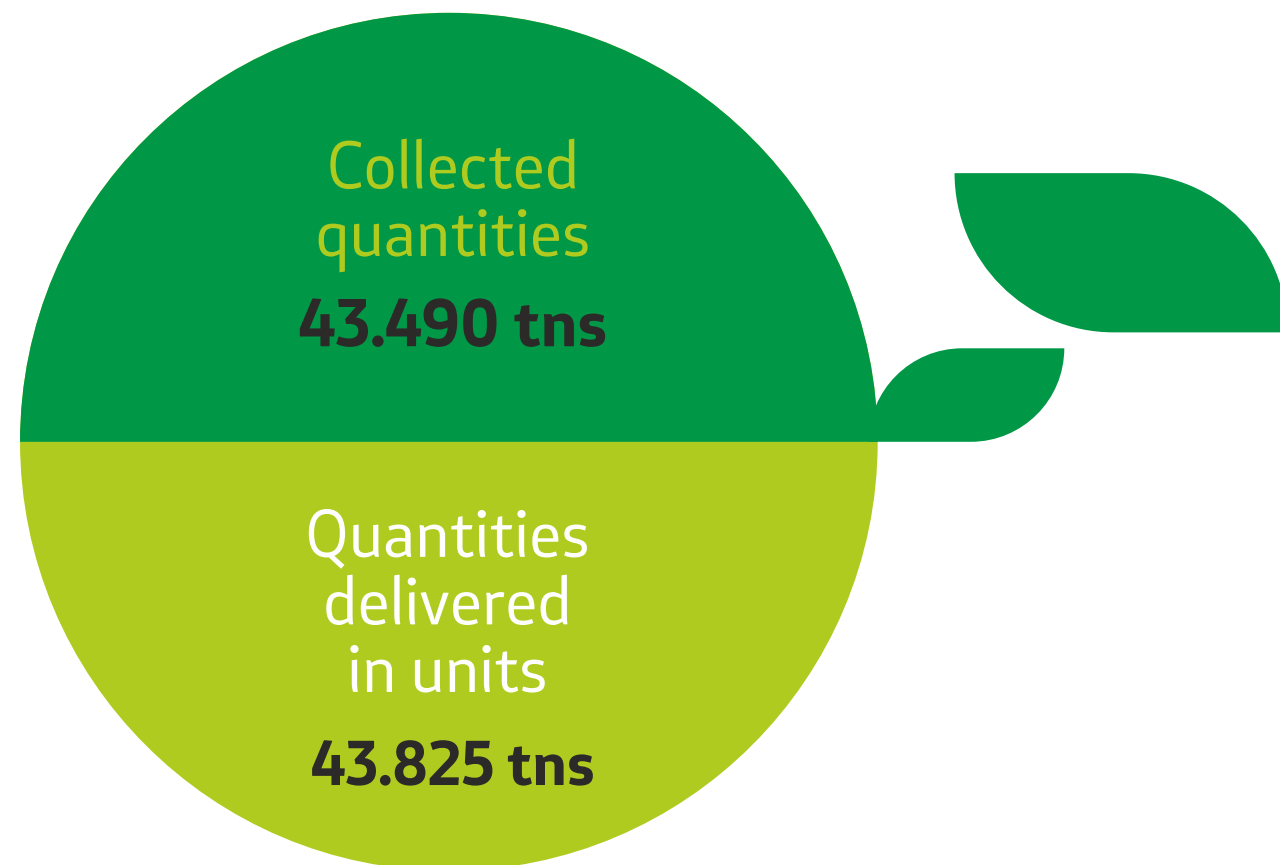
Around **9.243** weights were recorded in the ECOELASTIKA system. After the processing of the used tires, the final products as well as the resulting by-products were sold in the Greek and international market. These materials were transported to **1.010** different trucks, recording **3.424** weights as they exited the Units of Mechanical Process.

This means that the result of the whole process was productive and efficient for all stakeholders as well as the society as a whole because the correct utilization of the collected end-of-life tires was achieved.



Delivery of Used Tires to Utilization Units (Recycling / Energy Recovery)

Alternative Management of Used Tires:
An initiative with benefit to the environment



The licensed recovery units with which ECOELASTIKA cooperates receive the collected quantities of end-of-life tires, for the purpose of their utilization.

These tires have various uses:

1. They are used by some units as a raw material for the production of other products based on vulcanized rubber, the well-known recycling.
2. Used tires can be used as energy, as alternative fuel by existing energy-intensive industries, mainly cement companies, due to their high calorific value.

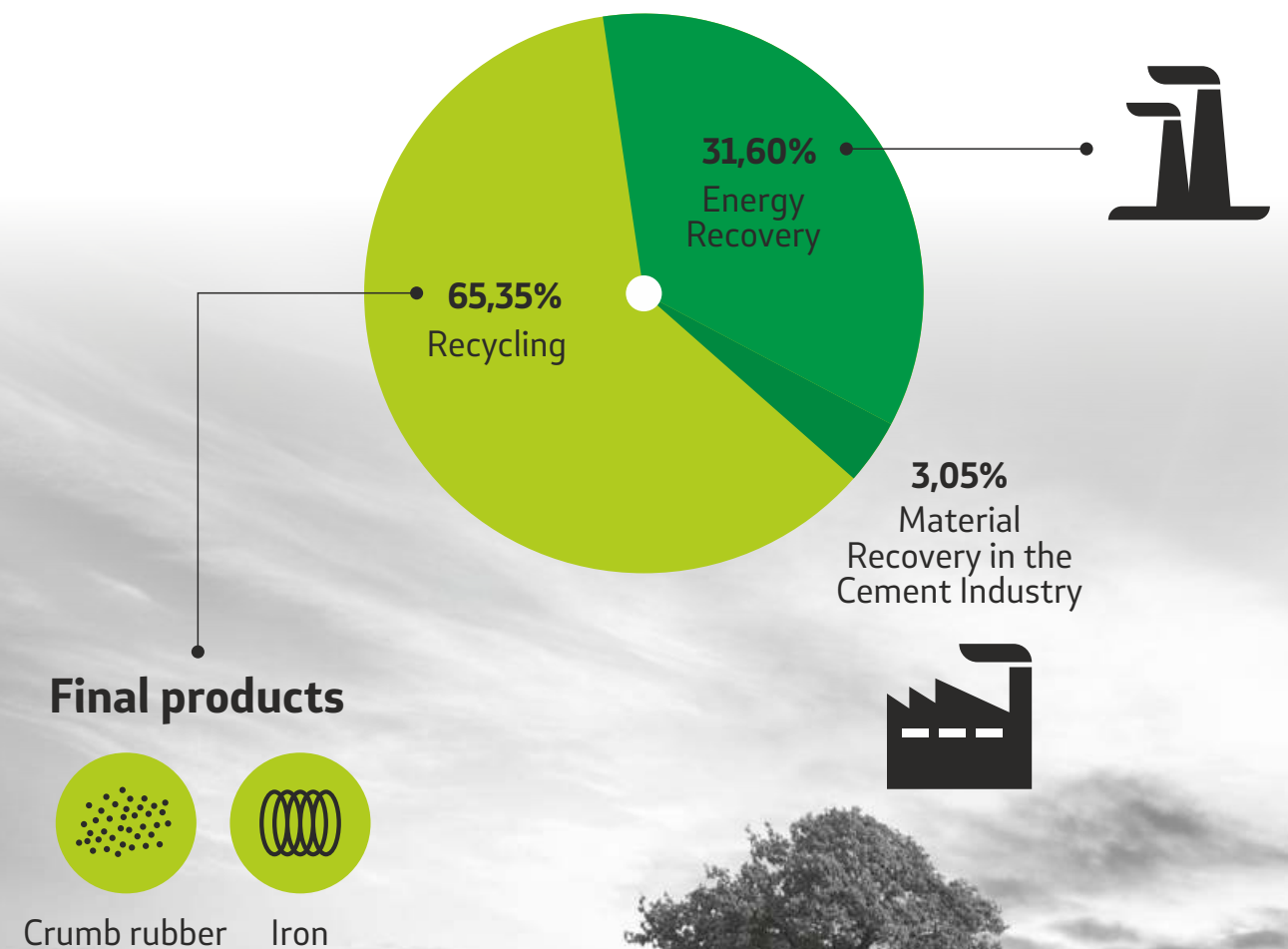
It is worth to be mentioned that, with the delivery of the used tires, ECOELASTIKA does not receive any fee. On the contrary, in order to promote, strengthen and enhance recycling, it subsidizes the cooperating units, depending on the quantities of final processing products they put on the market.

By interpreting the numbers, we clearly understand the real benefit to the environment, the economy and society, ie to the **3 main pillars** of sustainable development of our country.

ECOELASTIKA collected a total of **43.490 tons of tires** in 2019 and delivered **43.825 tons** for utilization, reducing by 334 tons the quantities of used tires that were in temporary storage areas of collectors. The **65,35%** of the materials produced by the Processing Units were used in recycling applications. The materials produced from the complete mechanical processing of the used tires in the recycling units in 2019 were **61% rubber crumb, 22% iron and 17% textiles***

Of the **34.65%** of the materials used for energy recovery, **3.05%** were supplied to the cement production furnaces as inorganic ash and incorporated into the produced product (clinker), while the remaining **31.6%** was co-incinerated.

* The textiles contain some quantities of rubber powder depending on the technology used by each recycling unit



Corporate Social Responsibility (CSR)

Empowering the 3 Sustainability Pillars

Environment - Society - Economy

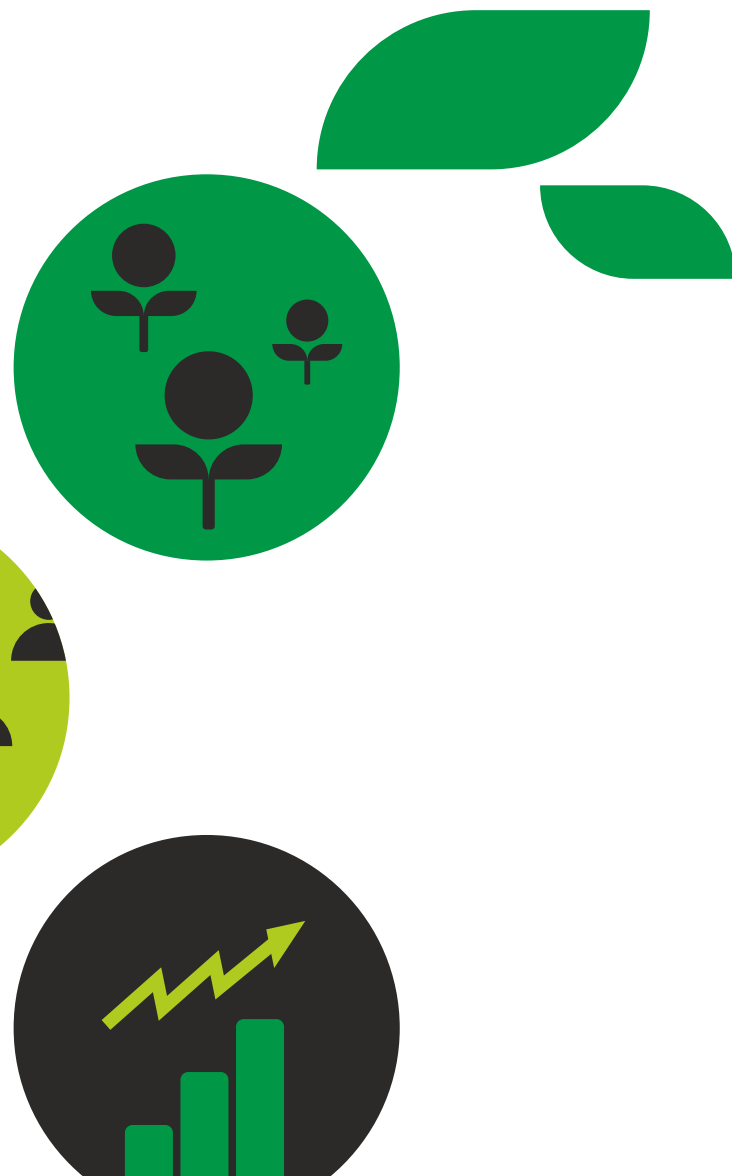
ECOELASTIKA, with its systematic, well-organized and targeted actions, **aims to contribute to addressing environmental and social issues.** As an entity, it is inextricably linked to the society where it operates.

In the context of designing its Corporate Social Responsibility plan, ECOELASTIKA implemented in 2019 important and fruitful actions addressed to its partners, local communities as well as the wider community.

Always based on solid waste management, the circular economy and sustainable development, its objective is a new growth model. That is why its priorities are established, following specific issues which put at the center the importance of the environment.

In this context, during the year 2019, it **invested in Research, Education in the Circular Economy as well as Safety.** Also, its important priority is the Awareness of the new generation so that the citizens of tomorrow are actively involved and aware of the issue of the use of end-of-life tires.

Environment Society Economy



Analytically:

- Participated in Research Programs, aiming at the best possible final utilization of end-of-life tires, expanding the range of their final applications. This, in the long run, means more potential uses and benefits for the human being and society.
- Continued to promote and inform about the feasible applications that result from the recycled products and that can be used in the Greek market, with the basic criterion of **the environmental benefit and the empowerment of the circular economy.**
- It encouraged the creation of a strong "**recycling culture**" through information and awareness-raising activities, promoting knowledge, dialogue and comprehension.
- It implemented free **programs for the construction of safety floor** tires from recycled waste tires in public schools all over Greece, focusing on the safety of children, while emphasizing their environmental education. So, it helped in the upgrade of some school buildings and playgrounds, creating better staying conditions for children.



Social Responsibility in practice

A. Research & Development

1) Production of modified asphalt and increase of recycling rate of bituminous concrete, using recycled rubber

Project Code: T1EΔK-01656

Within the year 2019, in the context of project coordination (RAP-ELT) <https://rap-elt.ecoelastika.gr>, research procedures were continued. The project is funded by the Operational Program "Competitiveness, Entrepreneurship and Innovation (EPANEK)", NSRF 2014-2020, duration (2018-2021).

The research objectives are:

- a) improving quality characteristics
- b) increasing the service life of Reclaimed Asphalt Pavement (RAP) by modifying it, by adding crumb rubber of end-of-life tires
- c) to study the possibility of increasing the recycling rate of RAP, mixing modified asphalt with rubber crumbs, primary aggregate and RAP, without the use of expensive regenerators.

After the completion of the research project (the year 2021), ECOELASTIKA looks forward to the implementation of projects, in collaboration with Municipalities and / or Regions of Greece, for the construction of a final asphalt pavement using modified rubber asphalt.

Social Responsibility in practice



2) Analysis of the content of PAHs and the general chemical composition of the mechanical granulation products of used tires

ECOELASTIKA participates in programs to determine the quality characteristics of the materials it manages, such as e.g. end-of-life tires as well as the products and by-products of their production process. For this reason, during 2019, it conducted a tender for the assignment of a project with the object of analyzing the content of PAHs and the general chemical composition of the products of mechanical granulation of used tires.

The project is of two years duration and will include sampling and appropriate physicochemical analysis in mechanical recycled derivatives of used tires (tire crumbs), as well as in their products (eg tires), according to European or international standard methods.

The main objective of the research project is to investigate the compliance of the above in the context of compliance with the REACH limits on polycyclic aromatic hydrocarbons (PAHs) and the current legislation while monitoring developments at European and national level in terms of limit and restrictions establishment on the use of raw materials from waste.

Also, it aims to the diffusion of knowledge to the tire utilization units cooperating with the Collective System regarding the control and specifications of their products, considering the information of the citizens for the management of the used tires, the utilization of alternative methods, the uses of the produced and by-products and the role of research and technology in finding safe recovery solutions.



B. Circular Economy ECOELASTIKA's Contribution

With an emphasis on reuse and new markets, the circular economy is a model of sustainable development that contributes to the sufficiency of our planet's natural resources (production-consumption-recycling).

Used car tires are one of the largest and most problematic sources of waste in the world. A huge volume of tires is produced every year, but after the end of its life cycle, it does not biodegrade.

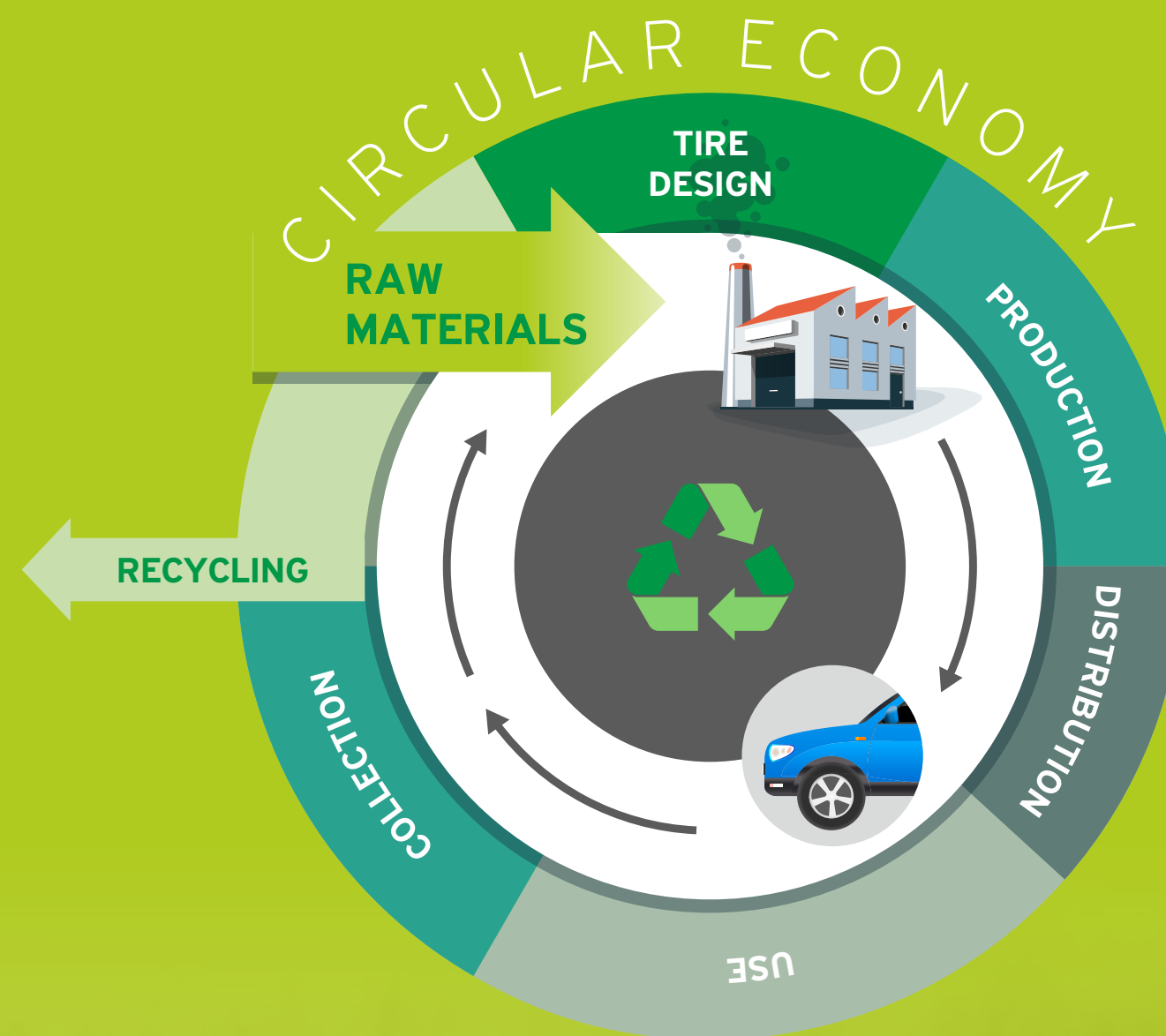
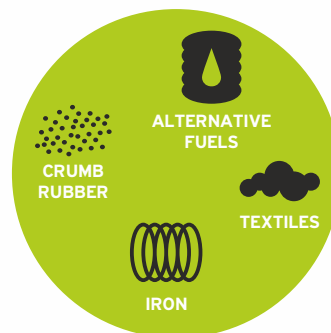
The structure of the tires is so durable that their management, as waste, is costly and challenging. The vulcanized rubber contained in the tires can be used in many uses, giving sound insulation, thermal insulation, tires, anti-vibration and other properties to finished products of everyday use.

Recycling tires of all kinds such as cars, motorcycles, tricycles, etc. has a significant environmental value and can also **be a profitable business**. Millions of discarded used tires provide a lasting source of raw material that can be used in a wide variety of applications:

- Civil Engineering projects (technical constructions of roads, buildings, etc.)
- Production of rubber safety floors
- Equipment of sports facilities and playgrounds
- Spare parts for cars
- In alternative design solutions (eg benches and elements for urban equipment, floors for protection of children from falling, bike path dividers, walkways and a range of everyday items, such as key chains, watches, bags, and other design objects)
- Purchase of alternative fuels

ECOELASTIKA, aiming not only at the environmental benefit and the circular economy but also at the contribution to the empowerment of the economy and the reduction of unemployment, encourages the channeling and penetration of the applications that emerge in new markets in order to create the possibility of new jobs.

It contributes to the promotion of products with significant economic and environmental value, producing constructive work for the environment and the society!



ECOELASTIKA Contribution

- With experience, knowledge and know-how, it has achieved the objectives of Presidential Decree 109/2004 since July 2006. With recovery rates of used end of life tires over 90% of the withdrawn quantities on an annual basis thanks to its organized and operational partners' network.
- Regarding the Methods of alternative management of end-of-life tires, it implements the priority pyramid with an emphasis on recycling, given the specificity of the specific waste.
- Uses the best available techniques (online technologies and telematics applications) with the aim of uninterrupted monitoring as well as the organized and effective control of all stages of life cycle tire management. This has a specific breadth and depth: It starts from the initial collection of waste at the source (collection points) and the transfer of waste to recovery plants, reaching the production of the final useful materials resulting from its processing. The outcome is the absolute data reliability on the handling and recovery of waste tires as well as of their products and by-products.
- **Participates in research and development programs in order to:**
 1. Carry out quality analysis of the materials resulting from their processing tires and their compliance with the emission limits imposed by the European legislation.
 2. Upgrade the quality of the materials produced by the mechanical recycling of tires end-of-life, having as ultimate goal the expansion of the range of end applications in which these materials can be absorbed and used constructively.

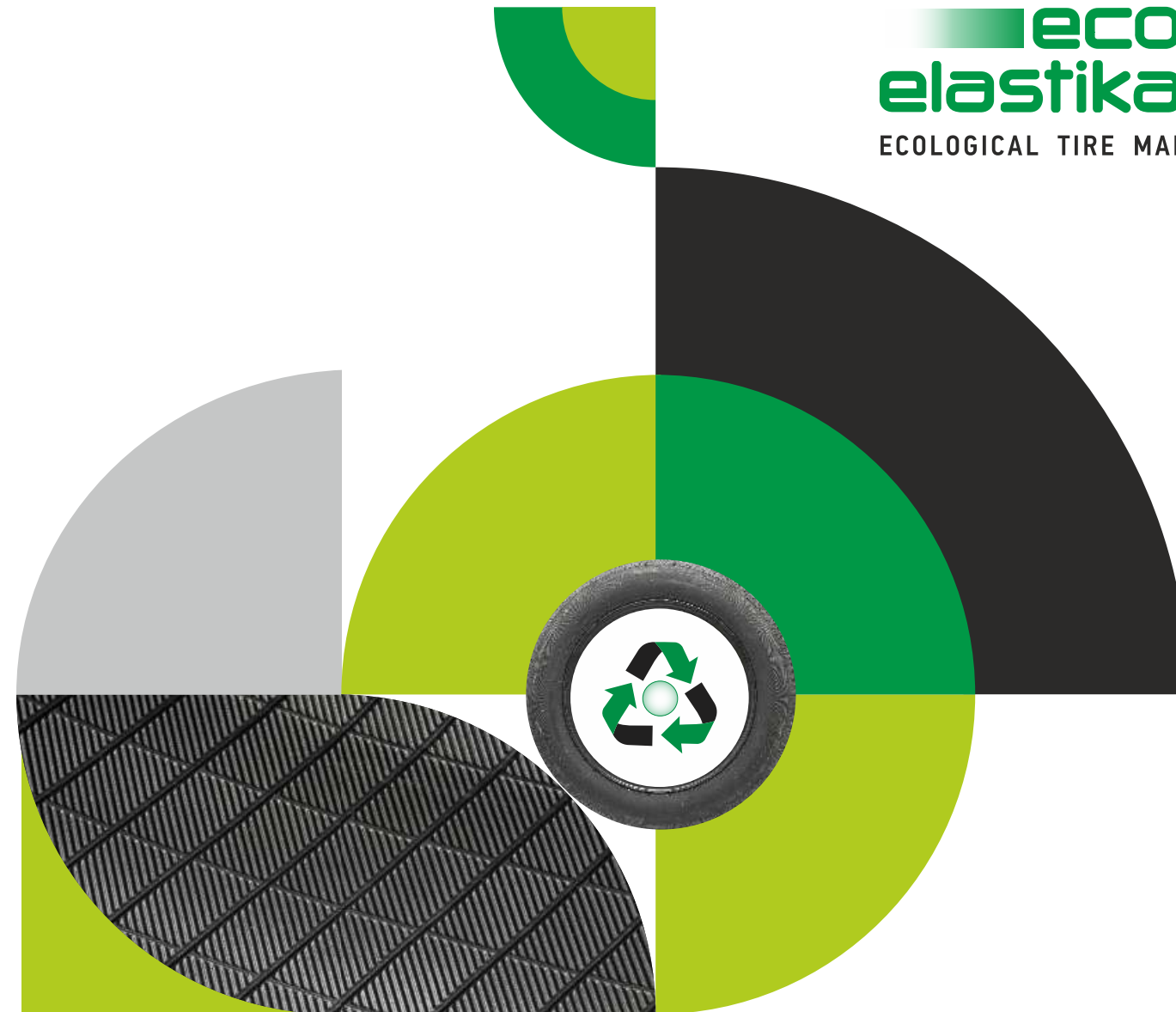
C. Awareness Actions

It is certain that the value of social and environmental contribution give answers to contemporary problems, improving the quality of life of some groups as well as the environment.

In the context of its own Corporate Social Responsibility, ECOELASTIKA designed and implemented a series of actions based on specific pillars and topics.

The foundation of the **values of recycling, the circular economy, the reduction of waste and the general protection of the environment is the primary objective of ECOELASTIKA's CSR strategy** which envisions a cleaner, safer and healthier natural environment for all. Its purpose is to inform and raise awareness to both adults and children who will be the citizens of tomorrow.

ECOELASTIKA's Corporate Social Responsibility program contributes to a cleaner country with as few unused end of life tires as possible.



A. Local Communities

1. SEND YOUR OWN SCHOOL - FREE MANUFACTURE OF RUBBER SAFETY FLOORS

7 Public School Yards

Free program for the construction of safety floor tires from recycled vehicle tires in another 7 courtyards of public primary schools in Greece (kindergartens, primary and special schools) as well as public kindergartens.

Through the program "SEND YOURSELF YOUR SCHOOL - FREE MANUFACTURE OF RUBBER FLOORS", which takes place every year on social media and specifically on its facebook page, its social contribution is highlighted (construction of floors from recycled rubber that provide fall protection) while at the same time being purely correlated to the ecological nature of the activity.

Also, this action has contributed, based on the many messages received by ECOELASTIKA, to the development of knowledge, familiarity and interest of people in the Circular Economy since they ask where they can buy from floors made of recycled used tires.



Public School Yards





B. Recycling & Environmental Protection

1. Participation in the 3rd International Exhibition VERDE.TEC for Sustainable Solid Waste Management

ECOELASTIKA, pioneer & innovator in the field of sustainable waste management, took part in the 3rd **International Exhibition VERDE.TEC** that took place on February 15-17 at the Mediterranean Exhibition Center (MEC) in Peania. The purpose of VERDE.TEC FORUM was to communicate important sustainable waste management issues, giving focus on current issues related to the sustainable development such as: the creation and implementation of effective Environmental Practices and Technologies, "**Smart Cities**" and the **Circular Economy**. More specifically, ECOELASTIKA presented in detail the management of used tires in Greece through the ECOELASTIKA Collective Alternative Management System and its contribution to the Circular Economy, taking into account several environmental and economic criteria.

2. Participation in GreenTech Symposium

ECOELASTIKA had an active participation in the scientific conference **GreenTech Symposium** under the scientific supervision of the Economic Environment and Sustainable Development Unit of NTUA, which took place on October 23-24 in Technopolis of the Municipality of Athens. The General Manager of ECOELASTIKA, George Mavrias, presented how ECOELASTIKA contributes to the Circular Economy by promoting and strengthening innovative ideas in the field of green energy through the continuous research of new applications for the use of used tires and other useful products that are the output of their processing.



3. Participation in the GreenTech Challenge by ESU NTUA 2018 # 2 - National Technical University of Athens

ECOELASTIKA, always aiming at the development and promotion of the Circular Economy, took its actions one step further. **In collaboration with the National Technical University of Athens and in particular with the Economic Environment and Sustainable Development Unit, it organized for the first time, within the GreenTech Challenge by ESU NTUA, a new competition category for innovative product ideas that can be created after recycling of used tires and can be used in the Greek market for the development of new applications, contributing to the Circular Economy.**

The outcome was that many participants presenting their new ideas, aiming to enhance sustainable development for a more sustainable future.

4. Environmental Actions

Tires that are dumped uncontrollably on the coasts, seaside and seas constitute a threat to the marine fauna of our country and to the public health, degrading the ecosystem. ECOELASTIKA, on the occasion of the World Environment Day, participated in the cleaning of the Myrtos beach in Kefalonia, which took place on Sunday, June 9 and had to do with the waste on the coastline and the coastal zone in order to inform and raise public awareness.



Myrtos beach is the proof of how "miracles" happen only if we all help.



BEFORE



AFTER

1. Certification of the contracted collection points (Dealers-workshops) with the ECOELASTIKA sign.

ECOELASTIKA distributed in January 2019 to dealers the new sticker **ecoelastika spot** for the years 2019-2020, which is renewed every two years, confirming its certified collection points.

At the same time, it continued uninterruptedly throughout 2019 its actions concerning the empowerment of a lasting relationship between the citizens and the tire-dealers, encouraging citizens to always choose one of the 3.000 contracted, eco-elastika-spots, for the replacement of their tires. With this choice citizens contribute to the recycling of tires through ECOELASTIKA and the protection of the environment. ECOELASTIKA rewards through the actions "SEE THE SIGN & ENTER" "FIND THE SIGN & WIN" all citizens who think and act ecologically, being aware that our environment needs us all.

2. Newsletters campaigns

Constant information of the network of partners through digital newsletter campaigns, regarding its actions and all its multidimensional activities.

3. Infographics

Sending via email infographics to the local authorities with presentation of qualitative and quantitative data of the tire recycling, in the geographical limits of each Municipality.



133.347
Likes!

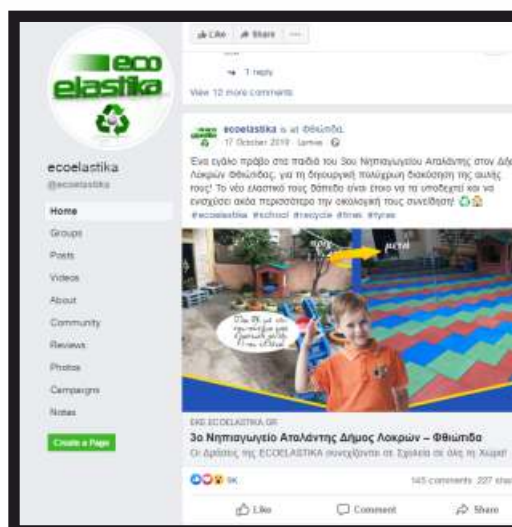


CSR Activities' Communication Digital Social Media

ECOELASTIKA, with its strong presence for another year on social media, carried out **57 campaigns**, covering a wide range of issues related to the proper management of waste tires, the applications resulting from their recycling, the protection of the Environment, Ecology, Circular Economy etc. attracting the interest, the interaction but also the participation and engagement of a large number of citizens.

This year, it achieved the following objectives:

- To increase the number of social friends by 26,000 (Total Page Likes 2019: 119,000), expanding her audience even more at all levels and having the opportunity to inform them through rich and engaging content.
- To make the citizens aware of the importance and the need of the existence of the ecological management body and to be informed about the mission and the work of ECOELASTIKA as well as about the procedures/processes that follow, understanding the crucial benefits that arise for the society and the environment.
- To further strengthen its relations with the relevant stakeholders (B2B).
- To contribute to the information of a larger population about the dealers that have the ECOELASTIKA sign, its meaning and why it is necessary for the citizens to choose the cooperating eco-elastika-spots.
- To encourage citizens to participate in the effort not to dispose uncontrollably tires with emphasis on MOTO TIRES, which due to their volume and weight, are easier to throw away.
- To highlight the applications resulting from the recycling of waste tires (such as use on roads, rubber safety floors in schoolyards, playgrounds, sports facilities, etc.) for the improvement of the recycling rate that has benefits for the environment and the economy.
- To inform with selected articles about the scientific personnel and the research actions RAP-ELT.



Reduction of Whole Tire Stocks in Temporary Storage Areas

The accumulation of whole and pre-cut tires in temporary storage areas of tire recovery units has been a long-standing problem of **Collective Alternative Management System ECOELASTIKA**, but which in recent years has been significantly reduced. Within 2020, a **target has been set for further stock reduction by 1.000 tons.**

This is achieved by subsidizing the transfer of tires from warehouses that have high stocks of whole tires to utilization companies within Greece with which ECOELASTIKA cooperates with and which are able to process additional quantities of used tires.

Inclusion in the management System tires with extra External Diameter above 1400mm and up to 1600mm (category D)

ECOELASTIKA, growing the range of tires it utilizes, plans to include in its management in 2020 **tires with a diameter of 1400mm to 1600mm.** These are mainly tires of earthmoving machinery and of vehicles as well as of some agricultural vehicles. This new possibility is very important as it is estimated that about 500 tons of tires of these categories are imported into the country every year.

It is worth mentioning that until today, some of these tires ended up in landfills in Greece, due to the fact that the sanitary burial of tires over 1400mm is not prohibited by the Greek and European legislation. Also, another small part of these tires is delivered by their owners for processing, for a gate fee, to Industrial Recycling units cooperating with ECOELASTIKA.

ECOELASTIKA has, so far, not participated in this process.



annex

Tire Importing Companies Vehicle Importing Companies Collectors Transporters Recovery Units



Tire Importing Companies

AFOI KIOUTSOUKOUSTA GP
AFOI MAGGOLI GP
AFOI N. PIREIDI GP
AFOI NTAKOUDI SA
AFOI PETALA GP
AFOI SARAKAKI SA
AFTOKINISI SA
AGGELIDIS B. SA – AUTOSTRATA
AGGELOS SOTIRIOU & CO GP
AGROELASTIKI "LASSA PC"
AIVAZIDIS DIMITRIOS
AKRITAS SOLE PCC
ANATOLITIS N. ALEXANDROS
ANDREADAKIS SA
ANTONIADIS G. & CO LTD
ARINA PCC
CAR PART EXPERTS IKE
CHATZIGIANAKIDIS GEORGIOS
CHRISTOPOULOS K. ILIAS
DERMITZOGLOU SP. & CO GP
DIMITRA SA
DIMITRIADUS CHR. STAVROS - MOTO LOCO
DODOURAGAS DIMITRIOS
DRIMEA METAFORIKI EMPORIKI LTD
ELASTIKA ASPROPYRGOU SOLE LTD
ELASTIKA GROUP LTD
ELASTIKA MICHELIN SA
ELASTIKA PAPADOPOULOS LTD
ELASTIKA PIRELLI SA
ELASTIKA VASILEIADIS SA
ELASTIKOEMPORIKI SA
ELASTRAK SA
ELEFThERIOU SA
ELMA SA
ELVE ELASTIKA SA
EMA SA (LIMITED TRADE & INDUSTRIAL COMPANY OF CAR ACCESSORIES)
EMVOLIADI AFOI GP
EUROTYPA MARANGONI LTD
FRAGOULOPOULOS D. LTD
GAVALEKAS KONSTANTINOS
GONTOSIDIS A. & D. SA
GOODYEAR DUNLOP ELASTIKA HELLAS SA
ILIPOULOS K. LTD
IMC GROUP SOLE PCC
INTERCARS GREECE SOLE LTD
INTRAMOTO SA
KABRANIS GEORGIOS SA MOTOWAY
KALOGERIDIS GEORGIOS LTD
KALOSAKAS CHARALAMPOS SOLE LTD
KAPETANIOS GEORGIOS SA
KARADIMAS SOLE PCC
KARANIKOS TH. & CO GP
KARANTONI A. & CO GP
KARAVASILIS CHRISTOU GEORGIOS
KESISOGLOU N. SA
KIOUPIS A. & CO GP
K. KECHIDIS PCC
KONTOGIANNIS I. DIMITRIS
KOSMOCAR SA
KOUKOGIANNIS D. NIKOLAOS & CO GP
KOUKOULAS AL. A
KOUTOUSIS P. & TH. GP
KYKLOPOTILATIKI SA
KYPRAIOS SOT. GEORGIOS "TROHOKINISI"
KYROU KONSTANTINOS - SCOOTERSHOP
LALAOUNIS NIKOLAOS
LAMPOUDIS P. ANTONIOS

LAMPPOPOULOS ELASTIKA SA
MAGGANARIS ANASTASIOS
MANIATOPOULOS NIKOS SA
MARGARITIDIS PAN. NIKOLAOS
MARTSOPOULOS EM. ALEXANDROS
MAXIM KALTSIDIS ELASTIKA SA
MAXXIS INTERNATIONAL HELLAS SA
MEIDANIS IOANNIS SA
MEIDANIS SOFOS ELASTIKA SA
MEMETOGLOU AMET
MEMETSIK EKREM
MERESENTZI K. D. GP
MICHOGLOU CHR. & CO SA
MILANOS SA
MMT TYRES TSAKONA MARIA-MIRANTA
MODENA ENGINEERING LTD
MORAGLIS SA
MOTODIKTIO SOLE SA
MOTO TREND SA
MPALOGIANNIS ANTONIOS
MPAZIOS & CO GP
MPEZAS S. - LEON M. LTD
MPOURAS NIK. PANAGIOTIS
MPOURLIS I. SA
NASOPOULOS NIKOLAOS
NIKOU CHR. DIMITRIOS SOLE LTD
NOUSIS N. IOANNIS
NTAVIDI – EKIZANA & CO CPP
NTELIS AGG. DIONYSIOS
PANELASTIKI ELASTIKA OCHIMATON SOLE LTD
PAPADAMANTIS SOLE CPP
PAPASPIROU TH. & CO GP
PATMANIDI MARIA SA
PELMA SA
PERIFERIAKI ELASTIKA SA
PETROPOULOS PETROS SA
PIAGGIO HELLAS SOLE SA
POWER BEAUTY & SOUL SA
PRASSOS PAN. & CO GP
PROMETEON TYRE GROUP SRL
RODA SA
RODA SOLE LTD
RODAL LTD
SAGEIKA FOTOVOLTAIKO PARKO LTD
SARNAZOS DIMITRIOS
SEMERTZIDOU STYLIANI
SC DELTICOM S.R.L
SIMEONIDIS THEOFANIS & CO GP
SPATHARAS ALEXANDROS
STAVRAKIS AUTOMOBILE TYRES CENTER S.A. - STAVRAKIS SA
STYLE DYNAMIC LTD
SUPER TIRE SERVICE SA
TAFAKIS DIMITTRIOS A.
TENORA TECHNIKI SA
THEMELIS MANOLIS
THEOCHARAKIS SA
THEODORIDIS I. & CO ELASTIKA PCC
TIRES-PRO PCC
TOPALIDIS TH. SA
TRAXION ELASTIKA SOLE PCC
TRIANTAFILLIDIS STYLIANOS
TROCHOEPIDOSI LTD
TSIANTOULIS SA
TSITSIKLIS B. & CO SA
TSOULKA ELENI SOLE PCC
XANTHOPOULOS DIMITRIOS

Vehicle Importing Companies

AFOI KOLYBIOTI & SONS GP
AFOI LIAPI SA
AFOI SARAKAKI SA
AFOI SIBRI GP
AIGLON SA
ANT. SIOPIS – POL. TRIFINOPOULOS GP "JOHN DEERE"
APOSTOLOPOULOS ILIAS & CO GP
ARGYRIOU PANAGIOTIS
AUTOHELLAS SA
AUTOONE SA
BMW HELLAS SA
BOURDOUNAS SA
CHEVELLAS SA
CHRISTODOULOU G. TZANIDAKI B. GP "DOMICAT"
DIMITRIADIS CHR. STAVROS "MOTO LOCO"
DIMITROULIAS ARIS
E. KORONAKOS N. KORONAKOS LTD
ELIOFIL SA
ERGON TZANIDAKIS LTD
ERGOPOLIS 3A PCC
ERGOTRAK
FCA GREECE SA
FILIS ANDREAS SA
FLAMIATOS GERASIMOS SA
FORD MOTOR HELLAS SA
G. MICHOPoulos – G. SEITARIDIS GP "M&S LADA GROUP"
GENESIS SA
GORGOLIS SA
HYUNDAI HELLAS P.& R. DABARI SA
INTERTRAK LTD
IOANNIDIS A. & F. SA EMPOROEISAGOGIKI KOZANIS
KATSAROS PANAGIOTIS SA
KIA HELLAS SA

K-MOTORS SOUTH EAST EUROPE SA
KONTELLIS PAVLOS I. SA
KOSMOCAR SA
MAN HELLAS SA
MAX SMART LTD
MERCEDES-BENZ HELLAS SA
MICHALATOS A. & CO GP
MIETSEL SA
MOTODYNAMIKI SA
MOTO TREND SA
MPOZATZIDIS – MITSIOLIDIS SA "AGROTECH SA"
OPEL HELLAS SA
PETROPOULOS PETROS SA
PIAGGIO HELLAS SOLE LTD
PLEIADES MOTORS SA
POLIS INCHCAPE ATHENS SA
POLIS INCHCAPE THESSALONIKI SA
POWER BEAUTY & SOUL SA
SFAKIANAKIS SA
SIDIROPOULOS ACHILLEAS
SONS N. NOULIKA GP
SY.DI.AP. SOLE LTD
TECHNOKAR SOLE SA
TEOMOTO SA
TEOREN MOTORS LTD
THEOCHARAKIS NIK. I. SA
TOLIS MOTORS SA
TOYOTA HELLAS SA
TRIDENT CARS SA
UNITRACK SA
VOLVO CAR HELLAS SA
ZISIS D. ZIOGAS

Collectors Transporters

ECO TRANS LTD 2310722500
GO GREEN RECYCLING IKE 2424024884
AFOI SIAKANDARI LTD 2262058211
AGGELOS SOTIRIOU & CO GP 2105818175
ANAKILOS I AIGAIΟΥ CHYTIRIA SA 2251031077
ATSAS SA 6944383436
DK KYKLOS SA 2521081121
DOGAKIS I. ANTONIS 2810240402
DROSOS G. AGGELOS 2286082610
KAPSALAKIS SA 2821091120
MARATHOS G. – DRAGANIS ST. GP 2224024170
MOUZAKIS STC – NATIONAL & INTERNATIONAL TRANSPORT COMPANY 2695026360

NEILOS ANAKIKLOSI SA 2299022131
NTOULIS MATHEOS & NIKOS GR 2271052277
P. GIOTIS PCC 6977218112
PAPPA EVGENIA & CO SA - STAR ECO 2651048491
PERIVALLONTIKI METAFORIKI SA - PERME HELLAS SA 2102888127
PETSAS DIMITRIOS 2282071496
SAITIS EFTHIMIOS 2410575720
STATHAKIS ANT. VASILIS 6932418778
SYLMETAN PCC 2102888127
TANIA MACHAIRA & CO GP 6947310333
TSIRIGOTIS I. SPYROS 2287021953
CHRISTOFOROS DEM. GEORGIOS 2284042798

Recovery Units

AXEL LTD MAGOULA, ATTICA www.axel-ltd.eu
BIOTROHOS SA LARISA www.biotrohos.gr
ELVAN SA ASPROPYRGOS, ATTICA www.elvan.com.gr
PERME HELLAS SA RITSONA BOEOTIA www.perme.gr
RETIRE SA IND. ZONE OF DRAMA www.dkretire.gr
TYRES HERCO SA IND. ZONE OF PATRA www.herco.gr
TITAN SA KAMARI, BOEOTIA www.titan.gr
TITAN BULGARIA ZLATNA PANEGA, BULGARIA www.titan.bg



2019



Annual Report 2019



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