



Green Recycling

Green Report 2014

Starting to make the difference

This Report summarizes the waste recycling activities implemented by BOGA & ASSOCIATES during 2014 together with GREEN RECYCLING, and measures their impact on environment.

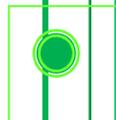
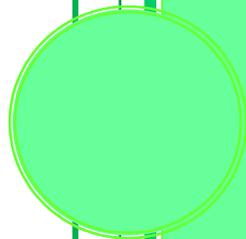
YEAR 2014

Green Recycling Sh.p.k

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GREEN REPORT 2014

Starting to make the difference

Dear Friends from BOGA & ASSOCIATES,

this is the first Green Report realized by our company at the end of our first year of activity in Albania.

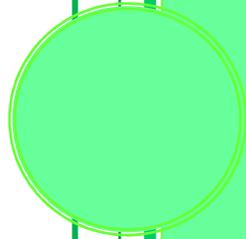
It has been a difficult and intense year, but also full of satisfactions. During 2014 an increasing number of organizations – both small and large - has decided to give us the management of the separate collection of their waste. Among these organizations, there are embassies, international financial institutions, banks, universities, schools, ministries and other public entities, non-governmental organizations, and private enterprises.

Adopting correct rules for waste management on a continuous manner is not easy. It is a learning process that takes time before becoming part of our daily lives. However, it is a mandatory pattern: whether we like it or not , we have no alternative. All countries growing on a sustainable basis implement policies for the separate collection of waste. Doing this has been a difficult task even for the most virtuous countries. But they made it. So, we will make it too.

Slowly. Every single day. In our little. We too can make the difference. Actually, we are already doing it.

Results achieved by BOGA & ASSOCIATES in 2014 - as summarized in this Green Report – confirm our views, and encourage us to continue on this road.

We do it for ourselves and for our children. To breath cleaner air, to drink purer water, to eat foods not contaminated by water containing



harmful substances, to keep away from diseases difficult to cure, to swim in a cleaner sea.

To live better and longer. For us and for our children.

Our Corporate Social Responsibility makes us particularly sensitive to the harmonious development of the local community where we live. In 2015 we will continue educational programs in schools so that our children can learn (and teach us) why and how to make the separate collection of waste, and how to identify (and stay away from) hazardous waste. We have designed a competition rewarding schools and students who conscientiously adopt correct behaviors for waste management. Awards are represented by items and equipment chosen by students that will be used by all the students of the school on a rotating basis. They could be tools to do exercise and gymnastics, overhead projectors, cameras, computers, etc.

Each of us, in our little, can
make the difference.
Every single day.

We are looking for sponsors willing to help us finance the waste management competition, and to expand our education programs in order to reach more schools.

Our interest for the local community imposes us to operate in compliance with the rights of workers, workplace safety and environmental protection rules. We believe that working is a means of self-realization, and social inclusion. In this spirit, we have decided to give work to some people with disabilities. Starting from early 2015, they will be gradually introduced to our production process, while respecting their specific skills and abilities.

... Yes ... each of us, in his/her little, can make a difference. And whether large or small, this difference is always equally important.

In 2014 GREEN RECYCLING made a difference too. We are the only waste recycling plant in Albania (and the Balkans) to comply with the new European Union (EU) regulation for cullet of glass waste (EU 1179/2012).

In June 2014 we received this recognition by an accredited EU institution as a confirmation of our ability to produce glass cullet according to European standards.

Together we make the difference.

We are ready for new challenges. We have applied for a license for the collection, treatment and recycling of certain types of hazardous waste. This includes some waste of electrical and electronic equipment currently present in our homes and offices that - if not properly disposed - can seriously harm our health and the environment. Cathode Ray Tube (CRT) monitors of old computers and TVs, and UPS are examples of electronic waste containing substances such as lead or mercury harmful to human health and highly polluting for the environment.

We have started very recently, and we are committed to continue on this road: we want to grow and work together with BOGA & ASSOCIATES for a greener tomorrow.

Together we make a difference.

Thanks for being GREEN RECYCLING!



Silvia Minotti

and the GREEN RECYCLING Team

BOGA & ASSOCIATES makes the difference

In 2014 BOGA & ASSOCIATES welcomed the idea to make the separate collection of waste, and has been an important partner in implementing - day after day - this new policy.

By choosing to become GREEN RECYCLING, BOGA & ASSOCIATES has demonstrated a special care for the preservation of our environment. It has also showed to be a socially responsible company sensitive to the development of local communities, thus confirming a strong Corporate Social Responsibility.

By properly sorting waste produced through its normal business activity, and giving it to GREEN RECYCLING for recycling, BOGA & ASSOCIATES has taken actions with important environmental, social and economic implications.

From the environmental point of view, making the separate collection of waste reduces the volume of (undifferentiated) waste that ends up in landfills. This increases the duration of existing landfills which can then be utilized for a longer period of time. By doing so, BOGA & ASSOCIATES has contributed to save space in the landfill, thereby reducing the need to find new space to be used as landfill. This also has important social implications because none of us would like to have a dump behind his/her house or in his/her own courtyard.

BOGA & ASSOCIATES has contributed to preserve scarce and/or exhaustible natural resources such as trees, water or petroleum. In fact, recycling paper or cardboard keeps alive a greater number of trees, reduces the phenomena of deforestation and allows us to live in greener towns. At the same time, by using wastepaper as raw material, paper mills produce new paper with a lower consumption of water, electricity, and with reduced emissions of CO₂, thereby achieving significant cost savings and containing environmental pollution.

This also applies to plastic waste. Plastic is a petroleum derivative. Thus, recycling plastic helps to reduce oil consumption and live in a healthier

and cleaner environment. In fact, some plastic materials take a long time before being completely decomposed in nature. For example, it takes 100 years to bio-degrade naturally a plastic bottle or plastic bag left on the ground while it takes 1000 years if that bottle or bag is thrown into the sea.

In choosing our company, BOGA & ASSOCIATES has expressed support for the rule of law as GREEN RECYCLING is provided with all the necessary licenses and environmental permits.

In 2014 GREEN RECYCLING has collected from BOGA & ASSOCIATES non-hazardous waste as indicated in Table 1:

Table 1: One year of waste together

Type of waste (*)	Total
Paper and cardboard (kg)	401
Glass (kg)	0
Plastic (kg)	0
Empty cartridges for printers and copy machines (unit)	10
Waste of electrical and electronic equipment	0

(*) Data refer to the period from 28/02/2014 until 31/12/2014.

By sorting waste for recycling, BOGA & ASSOCIATES has had a positive impact on environment. In fact, even if we consider only the waste paper and cardboard collected last year, BOGA & ASSOCIATES has given an important contribution to the preservation of natural resources of the planet: the recycling of less than one ton of paper and cardboard has indeed avoided the slaughter of 7 trees. It has also resulted in savings of other resources that are increasingly scarce in nature such as water (for 11 m³ cubic or oil (for 7 barrels) or the space of the landfill (for about 1 m³).

In 2014, thanks to the separate collection of waste, BOGA & ASSOCIATES has contributed to the reduction of CO₂ emissions for a total of 0,52 tons equivalent to 0,2 TOE (Tons of Oil Equivalent).

Glass waste recycling has also an important impact on environment: with 1 kg of glass recovered one can produce one kg of new glass. Glass factories utilizing recycled glass as raw material in the production of new glass are capable to reduce CO₂ emissions for the benefit of the entire community. They also consume a smaller amount of electric power and water to produce the same final product with significant cost savings. In particular, every 10% of scrap glass put in the furnace results in 2.55% energy saving, equivalent to more than 130 liters of oil saved for each ton of recycled glass used.

The regeneration of toner cartridges for printers and photocopiers produces a positive effect on the environment too. With the regeneration, in fact, the same casing is used several times and only the parts and components that are no longer suitable for use are substituted and sent to the landfill for disposal. Thus, the regeneration allows to reduce the production of new plastic casings with considerable savings of raw materials (oil in particular) and landfill space. Furthermore, time for biodegrading the plastic of which cartridges are made is particularly long ranging from 475 to 1000 years. Finally, regenerating cartridges do not violate copyrights as only the original casing is used. Hewlett Packard itself supports the regeneration of cartridges (rather than the refill of cartridges or the sale of clones such as "compatible" cartridges) as an environmentally friendly practice for green companies fully respecting intellectual property rights.

Regenerating a laser cartridge saves about 3 liters of oil. This means that with 10 empty cartridges collected and prepared for regeneration in 2014, BOGA & ASSOCIATES has produced oil savings for nearly 33 liters of oil or 0,2 barrels.

To better understand the magnitude of the results achieved, it is sufficient to say that with a barrel of oil we can produce 1750 plastic bottles of one liter and a half as those commonly used for mineral water or soft drinks. Or, again, a barrel of oil is the average consumption of a European family of four people in seven and a half months. .
It is clear ... together we make a difference!



Year 2014

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