



# Environmental Statement 2015

**NATUR-PACK, a.s.**



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## **INTRODUCTION**

### **1. DESCRIPTION OF THE COMPANY**

The company NATUR-PACK, a.s. was founded on February 16, 2006 by registration into the Commercial Register SR and Business License Register SR. The company is an authorized organization listed in the Register of Liable Parties and Organizations, governed by the Ministry of Environment SR under the code 0000004 dated March 01, 2006. The company is a collective organization, listed in the Register of Collective Organizations, governed by the Ministry of Environment SR under the code KOVEZ 05 dated December 15, 2009. The company is a collective organization listed in the Register for Batteries and Accumulators, governed by the Ministry of Environment SR under the code KOBAT 04, dated April 23, 2014. Moreover, the company provides recovery of selected commodities for persons being duly authorized by state administration for waste recovery. The company received a registration certificate pursuant to the § 98 of the Act No. 79/2015 Coll. for all types of waste being the subject of its business activities.

The company NATUR-PACK, Inc. received authorization under Section 89 paragraph. 1 point. b) of Act no. 79/2015 Coll. the performance of the organization of producer responsibility for waste streams of packaging and non-packaging products (authorization number 0007 / Packaging / OZV / A / 16-3.3) waste portable batteries and accumulators (authorization number 0024 / BaA / OZV / A / 16-3.3 ) and waste electrical and electronic equipment (authorization number 0020 / WEEE / OZV / a / 16-3.3).

The principal commitment of the company is to fulfill the objectives of waste collection, recovery and recycling for all types of packaging waste, minimally in the framework of limits set out by the Directive No. 94/62/ES on packaging and packaging waste, as well as the European Parliament and Council Directive No. 2008/98/ES on waste, both being adopted into the legal system of the SR by the Waste Act.

#### **1.1 Profile of the company**

The head office of the company NATUR-PACK, a.s. is located in Bratislava, Ružová dolina 6. In addition to this head office, the company has five branch offices.

- *Name:* NATUR-PACK, a.s.

*Domicile:* Ružová dolina 6, 821 08 Bratislava

*Identification Code of Organization:* 35 979 798

*Identification Code VAT:* SK 2022130374

*Tax Identification Code :* 20 221 303 74

- *Head office:* Ružová dolina 6, 821 08 Bratislava

*Phone:* + 421 2 50 221 541/222

*Fax:* + 421 2 50 221 542

*E-mail:* office@naturpack.sk

*Web:* www.naturpack.sk

- *Branch office:* NATUR-PACK, a.s.

*Address:* Kremnička 3, 974 05 Banská Bystrica 5

*Phone:* + 421 48 41 61 376

*E-mail:* molnarova@naturpack.sk

- *Branch office:* NATUR-PACK, a.s.

*Address:* Werferova 1, 040 11 Košice

*Phone:* + 421 55 68 53 085

*E-mail:* ulicna@naturpack.sk

- *Branch office:* NATUR-PACK, a.s.

*Address:* Kuzmányho 8, 010 01 Žilina

*Phone:* + 421 55 68 53 085

*E-mail:* urbanova@naturpack.sk

datko@naturpack.sk

- *Branch office:* NATUR-PACK, a.s.

*Address:* Švermova 23, 911 01 Trenčín

*Phone:* + 421 55 68 53 085

*E-mail:* knazkova@naturpack.sk

- *Branch office:* NATUR-PACK, a.s.

*Address:* P. Blahu 7/A, 940 01 Nové Zámky

*Phone:* + 421 55 68 53 085

*E-mail:* palfy@naturpack.sk

Domicile of the company NATUR-PACK, a.s. is in a close vicinity to the Protected Landscape Area Malé Karpaty. The landscape protection underlies degree 2 with emphasis to the nature and landscape protection and related species biodiversity.

Small scale protected areas in the Bratislava territory are represented by:

- protected areas: *PA Bajdel, PA Devínske alúvium Moravy, PA Hrabiny, PA Parčík pri Avione, PA Poľovnícky les, PA Pánsky diel, PA Jarovská bažantnica, PA Lesné diely, PA Kochova záhrada, PA Horský park;*
- natural preserves: *NP Fialková dolina, NP Gajc, NP Ostrov kopáč, NP Topoľové hony, NP Dunajské ostrovy, NP Starý háj, NP Ostrovné lúčky, NP Štokeravská vápenka, NP Slovenský ostrov;*
- national natural preserve: *NNP Devínska kobyla;*
- natural monuments: *NM Rosslerov lom, NM Urbársky lom, NM Devínska lesostep;*
- national natural monument: *NNM Devínska hradná skala;*
- protected landscape element: *PLE Vápenický potok;*
- Special Protection Areas: *Sysľovské polia and Dunajské luhy.*

These areas underlie different protection levels. Level of limitations increases with increased degree of protection. An important flood-plain forests are located in the suburb of the city with important biotopes of migrating birds and bird species of the community importance.

The branch office in Banská Bystrica is located in the landscape with a typical natural richness, mostly subterranean, that has been exploited long since. National Park Nízke Tatry is a dominant location, and also National Park Veľká Fatra. Protected Landscape Area Poľana offers an extremely rich biodiversity, as well as natural monuments as Bátovský kanál, Horná roveň, Jánošíkova skala, Kráľická tiesňava, Kremenie, Ľupčiansky skalný hrič, Moštenické travertíny, Majerova skala, Potok Zolná, Veporské skalky, Tajovská kopa, Badínsky vodopád.

National Park Slovenský Kras interfere with the western part of city Košice, where the branch office is situated. Another protected areas are located in the eastern part of the region in addition to the National Park Slovenský Kras, namely area of Slánske vrchy. Two protected areas are located in the region: Perínske ponds and sand pit Nižný Čaj, which are enriched by many natural monuments as Drienovská and Jasovská caves, Kunia gorge priepasť, Skalístý creek or Herliansky geyser.

Žilina region, where a branch office is located, is formed by swelling hollow country and mountains, part of which form also the region borders. These mountain bodies belong to the most valuable landscape units of Slovakia with increased protection level due to their nature,

biodiversity including many protected, rare, endemic and relict species. Some of these species have the western border of their appearance in Karpaty region.

Large scale protected areas belong to this region:

National Park Malá Fatra (including SPA Malá Fatra)

PLA Kysuce

PLA Strážovské vrchy (including SPA Strážovské vrchy)

Small scale protected areas:

NNP Chleb, NNP Kľak, NNP Kozol, NNP Krivé, NNP Prípor, NNP Rozsutec, NNP Starý hrad, NNP Strážov, NNP Suchý, NNP Súľovské skaly, NNP Tiesňavy, NNP Veľká Bránica, NP Brodnianka, NP Čierna Lutiša, NP Rochovica, NP Slnčné skaly, NP Šujské rašelinisko, NM Domašínsky meander, NM Hričovská skalná ihla, NM Hričovské rify, NM Krasnínsky luh, NM Kysucká brána, NM Poluvsianska skalná ihla, NM Turská skala, PA Hate

Four large scale protected areas interfere with the Trenčín region, where one of the NATUR-PACK branches is located:

PLA Biele Karpaty

PLA Strážovské vrchy

SPA Dubnické štrkovisko

SPA Strážovské vrchy

13 natural preserves, 1 national natural monument and 17 natural monuments are located in the region.

Region Nové Zámky, where one of the branch offices is located, belong to the biggest regions in Slovakia. It is oriented NW to SE. SE border is formed by the rivers Dunaj and Ipel', that form also the state border with Hungary. Region is located in Podunajská lowland, where also Podunajská plain and Podunajská highland belong partially, with highland Burda in the SE direction. Rivers Dunaj, Nitra, Hron, Žitava and Ipel' cross the region. Several springs of mineral and thermal water appears in the region. Only remains of oak forests survived the deforestation. The region belongs to the hottest and driest regions in Slovakia. There are 6 national natural preserves located in the region (Čenkovská lesostep, Čenkovská step, Kamenínske solisko, Kováčovské kopce - juh, Kováčovské kopce - sever, Parížske močiare) among the small scale protected areas, plus 8 natural preserves, 6 natural monuments and 13 protected areas.

The company NATUR-PACK, a.s. and its direct administrative activities have a minimum impact to the above mentioned protected areas from the environmental protection point of view. No negative impacts to the surrounding areas appeared during our former activities. Thus, no additional measures will be adopted in order to prevent negative impacts of our activities.

## **1.2 Activities of the company**

The company NATUR-PACK, a.s. offers the following services:

- business activities in the field of waste management except of dangerous waste,
- business advisory within the free trade scope,
- training activities within the free trade scope,

- mediatory activities within the free trade scope,
- advisory and consulting activities in the field of waste management,
- organization of training courses and workshops in the field of waste management,
- engineering activities – offering of related technical services in the field of waste management.

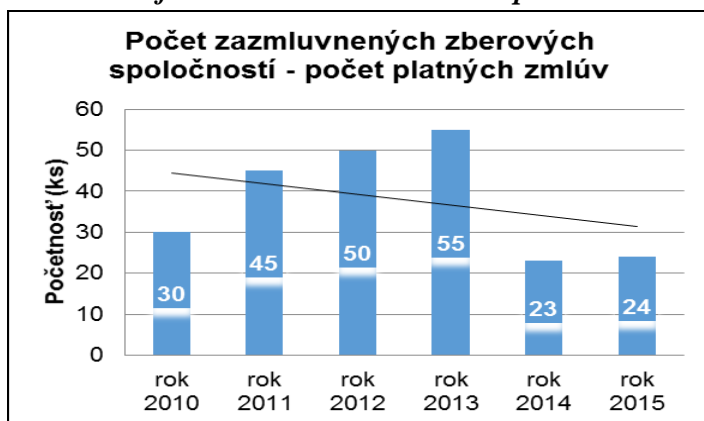
The company NATUR-PACK, a.s. is an authorized organization providing performance of obligations resulting from the Act No. 79/2015 Coll. on waste to the producers of specified products. Fulfilling of the defined obligations for the specified product „packaging waste“ is secured by means of the NATURPACK system. Fulfilling of specified obligations for specified product „EEE“ and „portable batteries and accumulators“ is ensured by means of NATURELEKTRO and NATURBAT systems. In the framework of the complex services for clients the company offers also ensuring the recovery of waste from products and materials subjected to fees as an alternative to the payment to the Recycling fund (pursuant to the § 126 art. 3 of the Waste Act). The company also offers expert advisory services in the waste management field, packaging and packaging waste.

NATURPACK system utilizes an expertise from the standard models implemented in the European Union countries, where such systems are in operation for decades, and these models are well known due to their sophisticated environmental protection aspects, and especially due to the operation of a meaningful system of packaging waste collection, recovery and recycling.

The system openly and fully transparently monitors and records not only material, but also financial flows during packaging waste collection, recovery and recycling, while each system member can participate on its development and control. The system guarantees the compliance of the packaging waste collection, recycling and recovery with the legislative limits. Permanent increase in effectiveness of the collection, recovery and recycling is – and will be - a priority task of NATURPACK system, in parallel with optimization of its cost effectiveness, i.e. reduction of costs for producers of specified products and other stakeholders of the system.

The number of contracted companies varies from year to year, nevertheless, it has an increasing tendency. Total numbers of contracted collection and recovery partners are shown in the graphs below, in parallel with the number of contracts for management of waste collection and recovery.

**Fig. No. 1: Number of contracted collection companies**

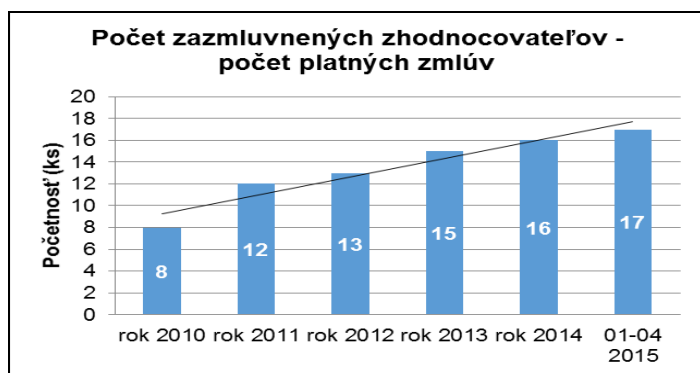


Number of contracted collection companies – number of valid contracts

Number

Year

**Fig. No. 2: Number of contracted recovery companies**

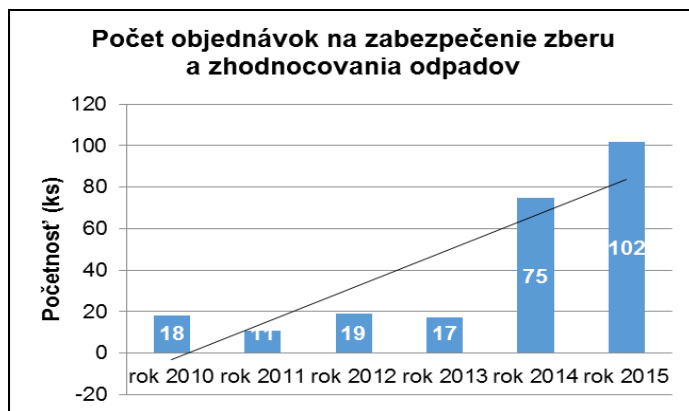


Number of contracted recovery companies – number of valid contracts

Number

Year

**Fig. No. 3: Number of contracts for waste collection and recovery**



Number of purchase orders for waste collection and recovery

Number

Year



### 1.3 Scope of activities

The company NATUR-PACK, a. s. is active in the entire territory of the Slovak Republic. The company offers to manage meeting of the obligations resulting from the legislative requirements in the waste sector also in the countries, that represent the biggest trade partners of Slovakia – Austria and Germany – by means of its international partner, Reclay Group. Reclay Group operates alternative packaging waste collection and recovery systems in both these countries, in addition to a legal consultancy. Moreover, the company offers information on packaging waste collection and recovery also outside from these countries.



- Activities of the company in entire SR territory
- Management of packaging waste collection and recovery
- Information on packaging waste collection and recovery

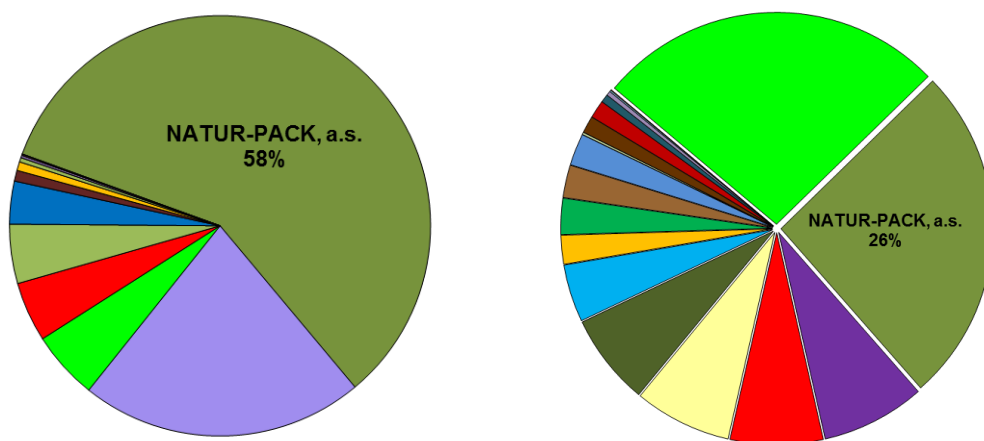
### 1.4 Mission of the company

The dominant mission of the company NATUR-PACK, a.s. comprises:

- to perform collection, recovery and recycling of all packaging waste types in compliance with the principle of extended responsibility of producers,
- to be an opened and transparent system for entities participating in the material flow of packaging waste and to ensure their equal position,
- to ensure an effective and transparent fulfillment of the specified obligations of the producers of specified products, with emphasis to a rigorous control of financial flows, resulting in minimization of the costs for system stakeholders,
- to implement and to promote the principle of extended responsibility of the producers as a basic financial principle of packaging waste collection and recovery in SR,
- to settle the company as a pro-client and professional organization that guarantees a professional management of transferred responsibilities related to the legal obligations of its clients,
- to communicate openly in the framework of a dialogue with all partners and respective state administration organizations in the environmental sector,

- to offer to the clients complex services in the segment of packaging and waste legislation,
- to contribute to the „development of Slovak packaging legislation“,
- to implement activities towards increased environmental awareness of citizens, especially in the sector of waste separation and waste minimization,
- to build highly professional team anchored not only in high expertise, but also on moral, team work and loyalty.

**Fig. No. 4: Market proportion of all authorized organizations according to their number – packaging producers (left), market proportion of all collective systems according to their number – EEE producers (right), April 2016**



**Fig. No. 5: Number of contracts with clients**



Number of contracts with clients  
Number  
Year

## 1.5 Organigram

Organizational chart of the company NATUR-PACK, a.s. as of April 1, 2016:

- Chairman of the board of directors
  - Chief executive officer
    - manager for economy
      - assistant
      - payroll clerk / personal manager (service supplier)
      - accountant
      - administration manager
    - internal auditor
    - quality manager
    - EMS manager
    - business manager
      - telephone operator (temporary)
      - sales manager
    - telephone operator (temporary)
    - lawyer (service supplier)
    - commodity manager
    - manager for self-governments
      - manager for self-governments
      - administrator for self-governments
    - public relation manager
    - environmental manager
      - temporary worker - environmentalist
      - environmentalist
      - environmental consultant
      - environmental consultant - international cooperation specialist
  - IS manager (service supplier)

## 1.6 Training of employees and involvement of employees in EMAS

The company creates good working conditions, conditions for team work with emphasis to engagement, loyalty and moral performance of the employees. Systematic and permanent training of all employees serves as an inevitable precondition of increasing the quality of offered services. The training is organized in compliance with the document „Training Plan for Employees“, issued on an annual basis. Training plan is based on foreseen needs related to legislative changes, having a direct influence to the performed activities. This process is described in more detail in the Process Map 1. HRM – Human Resources Management.

**Tab. No. 1: Training plan for 2016**

Training type	Number of participants
Working safety	All employees
English course	3
Training of internal auditor for EMS and QMS	3
Training on Packaging Waste and Waste Acts - internal	All employees
Training on Packaging Waste and Waste Acts – external	8
Training on changes in accounting and tax legislation	3

The company has introduced in their workplaces principles of ecological printing, supports compliance with the drinking regime of employees using local sources of drinking water, thereby reducing the amount of packaging used to transport bottled water. Information campaign is trying to reduce the amount of electricity consumed in the company. Regularly inform its employees about the activities with impact on the protection of the environment as such. Earth Hour, Earth Day, Environment Day.

## **2. ENVIRONMENTAL POLICY AND BRIEF DESCRIPTION OF THE ENVIRONMENTAL MANAGEMENT SYSTEM OF THE COMPANY**

The company NATUR-PACK, a.s. had elaborated a unified policy, namely quality policy and environmental policy. The up-to-date quality and environmental policy is available on the web domain of the company (<http://www.naturpack.sk/o-spolocnosti/politika-kvality-a-environmentu/>).

All employees are familiarized with the quality and environmental policy, which is implemented in all respective levels. Quality and environmental policy forms a part of the strategical objectives of the company.

## Quality Policy

### MISSION

The mission of NATUR-PACK, a.s., is the performance of objectives of collection, recovery and recycling of all types of waste in accordance with the legislation of the Slovak Republic and EU, especially in accordance with the principle of extended producer responsibility. In the environmental field, the main objective is to improve the quality of the environment by a direct support of the waste collection system and waste recovery in the territory of the Slovak Republic and to increase environmental awareness.

### VISION

Building a functioning system of collection, recovery and recycling of waste based on the principle of extended producer responsibility. Providing comprehensive services to become a leader in the market and for the customers in terms of quality of provided services.

### CREDO

Responsibility and professionalism.

### THE MISSION, VISION AND CREDO SHALL BE ACHIEVED BY

- Continuous improvement, introducing new methods to increase the efficiency and effectiveness of the system for the field of quality, environment and environmental management and audit.
- Publishing truthful information relating to waste management through Environmental Declaration.
- Actively supporting legislation based on the principle of European environmental legislation, which creates conditions for the emergence of a stable and transparent market environment in the area of waste management with minimal negative impacts on the environment.
- Complying with all requirements resulting from the Packaging Act, Waste Act and other legislative provisions in the field of environment and other requirements in the field of environment applying to the environmental aspects.
- Implementing and promoting the principle of extended producer responsibility as a fundamental principle of funding the collection and recovery of waste in the SR.
- Periodically checking the compliance with all legal regulations in the area of environment of cooperating collection companies and waste recovery companies.
- Transparently and openly cooperating with all partners, especially with the relevant government authorities in the field of environment.
- Perceiving the company as a highly client-oriented and expert organization, to which customers can refer to with a full trust in order to transfer their legal obligations as well as in case of any inquiries regarding waste management.
- Having equal status of all co-operators - obliged persons, collection companies and waste recovery companies.
- Consistently controlling financial flows leading to minimizing costs for system participants. Creating good working conditions, cooperative culture and conditions for teamwork, with an emphasis on commitment, loyalty and ethical behaviour of employees.
- Investing in training and development of professional competencies of all employees, especially in the field of environmental protection.

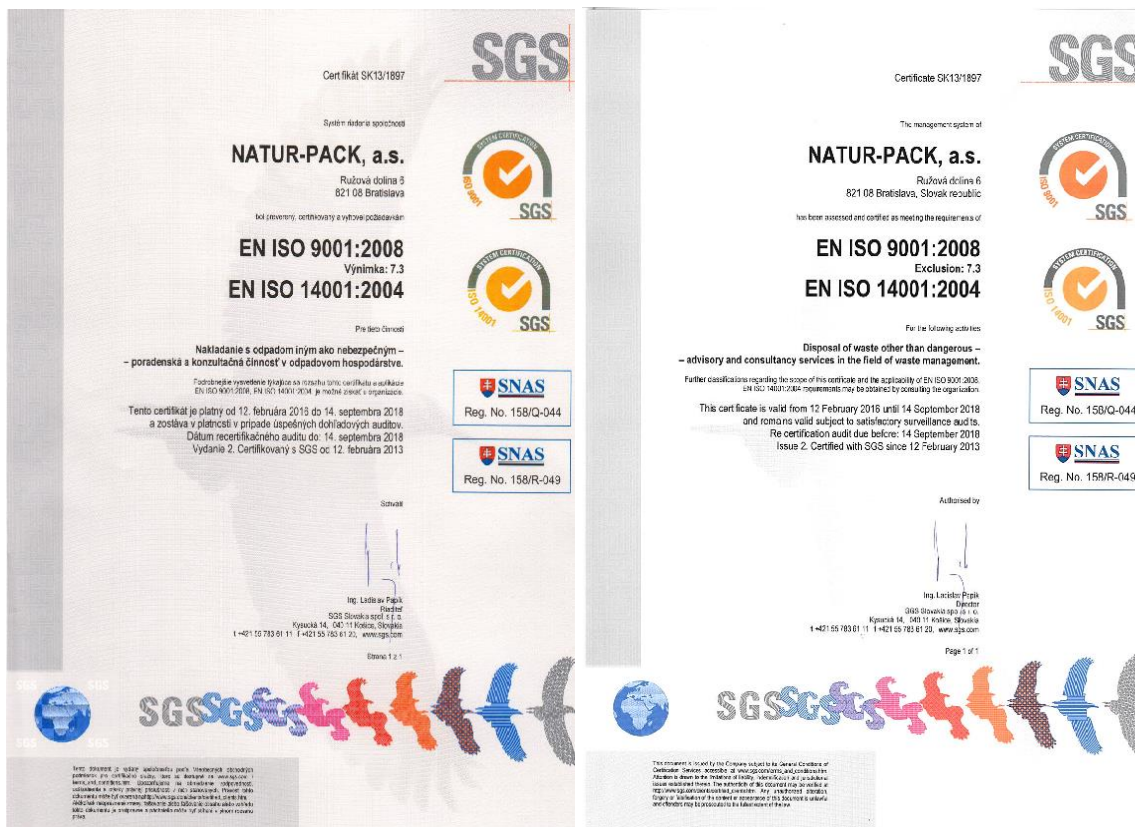
All employees of the company are acquainted with our quality and environmental policy and the policy is being implemented at all levels. Quality and environmental policy is part of the strategic objectives of the company.

In Bratislava, on 06.06.2014

Ing. Vladimír Šinák

Chairman of the BoD

The company has implemented the Environmental Management System, it manages the significant environmental aspects and achieves compliance with legal requirements. The system allows an organization to achieve and systematically control environmental performance. The company NATUR-PACK, a.s. has implemented a Quality Management System according to ISO 9001: 2008 since 2008 and a year later introduced the Environmental Management System according to ISO 14001: 2004, both systems have passed in November 2015 recertification audit, which was confirmed compliance with these standards and their standards. Their implementation and maintenance is a prerequisite that our processes and systems are highly efficient with respect to environmental, technical, quality and regulatory requirements.



## 2.1 Internal audits

The company performs internal audits on the annual basis, following the elaborated and approved plan of internal audits regarding the company processes. Internal audits are performed by internal auditors, qualified for this activity. Four internal audits are planned for year 2016 in order to verify the processes and compliance of the activities with the legislation. Findings of the audits are identified in the audit protocols, and they are recorded and addressed. All internal employees can also record non-compliances.

## 3. ENVIRONMENTAL ASPECTS

The company NATUR-PACK, a.s. is an organization that offers administrative management and meeting of legislative requirements to its clients. The head office, as well as the branches of the company NATUR-PACK, a.s. are located in rented premises. The company rents also the parking boxes for its fleet. The collection and processing of waste is performed by authorized companies, thus, the company NATUR-PACK, a.s. does not cause any direct environmental impact.

### 3.1 Methodology for evaluation of the environmental aspects

Operational experience gathered during the entire history of the company, in parallel with the legislative requirements in the environmental protection sector, opinion and statements of the auditors serve as a basis for identification and evaluation of importance of the environmental aspects.

Environmental aspect represents a part of activities, products or services of the organization that can be related to the environment, and that can influence the working safety and health of the employees.

Identification and evaluation of the aspects from their importance point of view result in the overall environmental performance of the company. Environmental policy is elaborated on the basis of the register of environmental aspects in the framework of quality and environmental policy as a basic element of the Environmental Management System. The company manages the environmental aspects according to the process: 1. ASP Management of environmental aspects, where the procedures are described – from activity identification up to the evaluation of its environmental aspects.

The individual activities of the offered services and the subsequent activities are identified in the column A. One activity can cause multiple EAs, one EA can result in more environmental impacts. The aspects are identified on the basis of external and internal impulses. External impulses: changed legal requirements, inspections and directives of the state authorities, external audits, requirements of stakeholders, accidents, impulses from customers. Internal impulses: internal audit, accident, changed technology, changed categorization, impulses from employees.

The identification is performed by the following procedure:

- registration of an impulse – each employee being responsible for monitoring of the environmental aspects related to his activity, impulses are registered in a standard format and handed over to the responsible EMS manager,
- EMS manager evaluates the environmental aspect, and if the aspect can not be exactly evaluated he will contact the environmental consultant of the company or the respective stakeholders in order to consult the problem in question,
- EMS manager will elaborate the final evaluation,
- register of the environmental aspects is changed.

Register of the environmental aspects is recorded in written or in electronic form using Microsoft Office Excel and it comprises 11 columns (activity, EA, EA type, operation conditions, impact of the EA to the environment, criteria: No. 1 - importance, No. 2 - frequency, No. 3 – control of the legal provisions, No. 4 – impact to the economy, evaluation of the EA and importance of the EA). EA register is updated during the changed activities of the company, and the individual EAs are re-evaluated after fulfilling the objectives. EMS manager is responsible for the update. The register of environmental aspects is revised by the EMS manager on the basis of identification of a new aspect. The register of environmental aspects (form F-51) is revised on an annual basis as a minimum requirement.

Column B identifies the individual EA according to the activities defined in the column A. Column C shows whether the EAs are direct or indirect. Column D identifies the operational conditions influencing the environmental impacts of the individual EAs (standard operation, accident). Column E identifies the individual environmental impacts of the EA.



Columns F to I show the evaluation of the individual EAs according to their environmental impact by scores 1 to 5. EAs are evaluated according to certain criteria with different weight. Both, direct and indirect EAs are evaluated by means of 4 criteria:

- Criterion No. 1 „Importance“ (weight 3)
  - Mark 1 EA does not have (or have a minimum) negative environmental impact, if it appears, it is only short-term, with a local influence and it can be easily removed
  - Mark 2 EA has a small negative environmental impact, usually with short-term duration and (or) with local influence, it can be relatively easily removed
  - Mark 3 EA has a moderate negative environmental impact, usually with short-term or moderate duration and (or) larger local influence, it is more difficult to remove it
  - Mark 4 EA has an important negative environmental impact, usually with moderate to longer duration and (or) regional influence, it is more difficult to remove it
  - Mark 5 EA has very important negative environmental impact, usually with longer to long-term duration and (or) bigger regional to global influence, it is difficult to remove it or it is not possible to remove it
- Criterion No. 2 „Frequency“ (weight 2)
  - Mark 1 EA is not appearing or appears only occasionally
  - Mark 2 EA appears only rarely
  - Mark 3 EA appears rarely to frequently
  - Mark 4 EA appears frequently
  - Mark 5 EA appears permanently
- Criterion No. 3 „Governing by legal provisions“ (weight 2)
  - Mark 1 EA is not governed by legal provisions, or only in general
  - Mark 2 EA is partially governed by legal provisions, usually appearing only in one or in low number of legal provisions and no limits has been stipulated
  - Mark 3 EA is partially governed by legal provisions, it can appear in several legal provisions and (or) limits has been stipulated
  - Mark 4 EA is governed by legal provisions, it can appear in several legal provisions and (or) limits could be stipulated
  - Mark 5 EA is governed by legal provisions, it mostly appears in several legal provisions and (or) precise limits has been stipulated
- Criterion No. 4 „Economical impact“ (weight 1)
  - Mark 1 EA does not have (or has a minimum) impact to the economy
  - Mark 2 EA has only small impact to the economy
  - Mark 3 EA has a moderate impact to the economy
  - Mark 4 EA has an important impact to the economy
  - Mark 5 EA has very important impact to the economy



Column J evaluates numerically the individual EAs for each environmental impact. Summarization method is used for EA evaluation, where multiplication products of the individual marks assigned to EAs on the basis of their environmental impacts and weights of selected criteria are summed up. An EA can reach minimum number of 8 points (in the case when the EA is assigned by the lowest mark 1 in all 4 criteria, i.e.  $1 \times 3 + 1 \times 2 + 1 \times 2 + 1 \times 1 = 8$ ). Maximum possible number of points for an EA is 40 (in the case when the EA is assigned by the highest mark 5 in all 4 criteria, i.e.  $5 \times 3 + 5 \times 2 + 5 \times 2 + 5 \times 1 = 40$ ).

Column K evaluates the importance of the individual EAs. The important EAs (IEA) are those that reached more than 23 points in the previous evaluation. EAs with 23 or less points are not important (NEA).

The company identified the following direct environmental aspects: electric energy consumption, consumption of toners, occupying of the built-up land, office paper consumption, water consumption, generation of municipal waste, release of waste waters, fuel consumption, leakage of dangerous substances (into groundwater, soil or air). The company defined the following indirect environmental aspects: fuel consumption, leakage of dangerous substances (into groundwater, soil or air), generation, collection and recovery of waste, electric energy consumption, generation of noise, odor and dust, creation of accident situation (fire, leakage of chemicals) and generation of secondary raw materials.

The direct environmental aspects of the company are not related to: legal requirements and limitations of permissions; generation, recycling, reuse, transport and disposal of solid and other wastes; application of additives and supporting substances, as well as intermediate products; transport problems (goods and services) resulting from the European Parliament and Council Regulation No. 1221/2009 on EMAS. Among the indirect environmental aspects the following ones not relate to the company: capital investments, loans and insurance services; administrative and strategic decisions.

**Tab. No. 2 Register of environmental aspects**

Register of environmental aspects										
ACTIVITY	EA	EA TYPE	OPERATIONAL CONDITIONS	EA ENVIRON. IMPACT	C No. 1 IMPORTANCE	C No. 2 FREQUENCY	C No. 3 LP GOVERNING	C No. 4 IMPACT TO ECONOMY	EA EVALUATION	EA IMPORTANCE
A	B	C	D	E	F	G	H	I	J	K
<b>Administrative activities (e.g. work with PC, printing, copying a.o.)</b>										
Administrative activities (e.g. work with PC, printing, copying a.o.)	Electric energy consumption	Direct	Standard	Depletion of stocks	1	3	2	1	14	NEA
	Consumption of toners	Direct	Standard	Depletion of stocks	3	2	1	2	17	NEA
Administrative activities	Occupying a built-up land	Direct	Standard	Decreased biodiversity	3	2	2	2	19	NEA
Administrative activities (e.g. work with PC, printing, copying a.o.)	Office paper consumption	Direct	Standard	Depletion of stocks	3	2	1	1	16	NEA

**Register of environmental aspects**

ACTIVITY	EA	EA TYPE	OPERATIONAL CONDITIONS	EA ENVIRON. IMPACT	C No. 1 IMPORTANCE	C No. 2 FREQUENCY	C No. 3 LP GOVERNING	C No. 4 IMPACT TO ECONOMY	EA EVALUATION	EA IMPORTANCE
A	B	C	D	E	F	G	H	I	J	K
<b>Social activities (e.g. alimentation, biological needs)</b>										
Social activities (e.g. alimentation, biological needs)	Water consumption	Direct	Standard	Depletion of stocks	2	4	1	1	17	NEA
	Waste water release	Direct	Standard	Water pollution	2	2	5	2	22	NEA
	Generation of municipal waste	Direct	Standard	Water pollution	2	3	4	2	22	NEA
	Generation of municipal waste	Direct	Standard	Soil pollution	2	2	4	2	20	NEA
	Generation of municipal waste	Direct	Standard	Landscape appearance	2	3	4	3	23	NEA
<b>Operation and maintenance of fleet</b>										
Operation and maintenance of fleet	Fuel consumption	Direct	Standard	Depletion of stocks	3	4	1	4	23	NEA
	Leakage of dangerous substances into waters (fuels, oils)	Direct	Accidental	Water pollution	4	1	3	3	23	NEA
	Leakage of dangerous substances into soils (fuels, oils)	Direct	Accidental	Soil pollution	4	1	3	3	23	NEA
	Leakage of dangerous substances into soils (fuels, oils)	Direct	Accidental	Decreased biodiversity	4	1	3	3	23	NEA
	Leakage of dangerous substances into air (motor exhausts)	Direct	Accidental	Air pollution	3	3	2	3	22	NEA
<b>Activities towards waste processing</b>										
Transport	Fuel consumption	Indirect	Standard	Depletion of stocks	2	3	2	3	19	NEA
	Leakage of dangerous substances into air (motor exhausts)	Indirect	Accidental	Air pollution	2	3	2	2	18	NEA
	Leakage of dangerous substances into waters (fuels, oils)	Indirect	Accidental	Water pollution	2	3	2	2	18	NEA
	Leakage of dangerous substances into soils (fuels, oils)	Indirect	Accidental	Soil pollution	2	3	2	2	18	NEA
	Leakage of dangerous substances into soils (fuels, oils)	Indirect	Accidental	Decreased biodiversity	2	3	2	2	18	NEA

**Register of environmental aspects**

ACTIVITY	EA	EA TYPE	OPERATIONAL CONDITIONS	EA ENVIRON. IMPACT	C No. 1 IMPORTANCE	C No. 2 FREQUENCY	C No. 3 LP GOVERNING	C No. 4 IMPACT TO ECONOMY	EA EVALUATION	EA IMPORTANCE
A	B	C	D	E	F	G	H	I	J	K
Waste collection	Waste generation	Indirect	Standard	Landscape appearance	3	4	2	2	23	NEA
	Waste collection	Indirect	Standard	Water and soil pollution	3	4	2	2	23	NEA
	Waste recovery	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Waste recovery	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
Packaging waste collection	Waste generation	Indirect	Standard	Pollution of all environmental compartments	3	4	2	2	23	NEA
	Waste collection	Indirect	Standard	Pollution of all environmental compartments	3	4	2	2	23	NEA
	Waste recovery	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Waste recovery	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
Packaging waste recovery	Electric energy consumption	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Leakage of dangerous substances	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Waste generation from recovery	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Generation of noise, odour and dust	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Creation of accidental situation (fire, release of chemicals)	Indirect	Accidental	Pollution of all environmental compartments	3	4	3	2	25	IEA
	Generation of secondary raw materials	Indirect	Standard	Saving of natural resources	1	1	1	1	8	NEA
	Waste recovery	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
Waste recovery	Leakage of dangerous substances	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Waste generation from recovery	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Generation of noise, odour and dust	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA
	Creation of accidental situation (fire, release of chemicals)	Indirect	Accidental	Pollution of all environmental compartments	4	3	3	2	26	IEA
	Waste recovery	Indirect	Accidental	Pollution of all environmental compartments	3	3	3	2	23	NEA

**Register of environmental aspects**

ACTIVITY	EA	EA TYPE	OPERATIONAL CONDITIONS	EA ENVIRON. IMPACT	C No. 1 IMPORTANCE	C No. 2 FREQUENCY	C No. 3 LP GOVERNING	C No. 4 IMPACT TO ECONOMY	EA EVALUATION	EA IMPORTANCE
A	B	C	D	E	F	G	H	I	J	K
	Generation of secondary raw materials	Indirect	Standard	Saving of natural resources	1	1	1	1	8	NEA

**Legend:**

- EA – environmental aspect
- IEA – important environmental aspect
- NEA – not important environmental aspect
- LP – legal provisions

## 4. EVALUATION PREVIOUS ENVIRONMENTAL OBJECTIVES

To meet the objectives of the company NATURPACK, Inc. develop Environmental programs, which described the environmental performance indicators, tools for the achievement and identify persons responsible for meeting the objectives.

### **Objective: Provision of collection, recovery and recycling of packaging**

Target value of the indicator: improvement of recovered volume by 15% over the previous year.

Result: company failed to achieve objective and increase the amount of recycled waste by only 13%, but at the same time meet legal requirements

### **Objective: Achieving the objectives of the collection, recovery and recycling of waste (non-packaging commodities)**

Target value of the indicator:

<b>Commodities</b>	
Paper and paperboard	100 %
Glass	100 %
Plastics	100 %
Metal packaging	100 %
Batteries and accumulators	100 %
Tires	100 %
Oils	100 %

Result: company managed to meet the stated objective

### **Objective: Achieving the objectives of the collection, recovery and recycling of waste from electrical and electronic equipment (the 'EEE')**

Target value of the indicator: improvement of recovered volume by 10% over the previous year.

Result: company managed to meet objective and even raise the value of the objectives set at 16,33%

**Objective: Achieving the objectives of the collection, recovery and recycling of used portable batteries and accumulators**

Target value of the indicator: limit for collection of used portable batteries and accumulators is set for 2014 on 35% by the Waste Act, for 2015 on 40% and for 2016 on 45%.

Result: in the reporting period the company succeeded to fulfill the objective

**Objective: Provision of additional services to customers in the area of waste management**

Indicator: the number of consultancy agreements and the number of documents executed at the customer.

Target value of the indicator: number of the documents: 130.

Result: objective was met and exceeded 136 documents

**Objective: Regular customer information in the area of waste management**

Indicator: number of issues of "NATUR-PACK news".

Target value of the indicator: at least 4 issues of "NATUR-PACK news" delivered to customers.

Result: company managed to meet the stated objective

**Objective: Customer training in the area of waste management**

Indicator: number of participants in training.

Target value of the indicator: holding twenty training sessions for customers in various regions of Slovakia for the total number of 400 customers.

Result: company failed to achieve objective, but the ambition of the company is its fulfillment in the coming period

**Objective: Raising public awareness in the area of environmental protection**

Indicator: number of activities to raise public awareness.

Target value of the indicator: seven activities to raise public awareness, information campaigns, regular education of children, pupils and teachers.

Result: company managed to meet the stated objective

**Objective: Reduction of the office supplies - long-term objective**

Target value of the indicator: reduction of purchased and consumed office paper, toner and envelopes.

Result: in the period, the company succeeded in meeting the target with mixed success, ambition remains its implementation in the future

## 5. DESCRIPTION OF THE ENVIRONMENTAL OBJECTIVES

The company NATUR-PACK, a.s. identifies annually its objectives, which comprise also the environmental objectives. The following factors are taken into consideration when setting out the objectives:

- legislative provisions in force,

- prepared changes related to the implementation of the European directives into the Slovak legal system,
- evaluation of importance of the environmental aspects and their environmental impacts,
- mid term and strategical objectives of the company.

**Objective: Performance of collection, recovery and recycling of packaging waste and non-packaging products**

Target value of the parameter: ensuring of the collection in whole scale, ensuring of recovery and recycling minimally in the scope defined by the limits in the Annex No. 3 of the Act No. 79/2015 Coll.

Activity for achieving the objective:

ensuring the packaging waste and non-packaging products handling on behalf of the represented producers to the extent that corresponds to the summary volume of these obligations of the individual represented producers and that ensures meeting of legal provisions. Ensuring of the new cooperation with the municipalities and of increased number of represented packaging and non-packaging material producers, as the proportion of market directly depends on the amount of collection share, allowing not only to achieve the objective, but also its over fulfillment.

**Objective: Achievement of collection, recovery and recycling of waste of EEE**

Target value of the parameter: limit for waste of EEE is defined as a mass proportion defined for year 2016 to 48%, for year 2017 to 49% and for year 2018 to 50% of the average mass of the EEE introduced to the Slovak market during three preceding years.

Activity for achieving the objective: cooperation with the recovery companies and their support in the field of collection, separation and recovery of waste, maintenance of the existing cooperation, and development of new cooperation in order to achieve the objective of all EEE categories.

**Objective: Achieving of the objective in collection, processing and recycling of the end-of-use portable batteries and accumulators**

Target value of the parameter: limit for the collection of end-of-use portable batteries and accumulators is set to 45 % for year 2016.

Activity for achieving the objective: cooperation with the processing companies and their support in the field of collection, processing and recycling, maintenance of the existing cooperation and ensuring of new cooperation in order to achieve the objective.

**Objective: Offering of the complementary services to the customers in the field of waste management**

Parameter: number of advisory contracts and number of elaborated documents for the customers.

Target value of the parameter: number of elaborated documents: 130.

Activity for achieving the objective: delivery of expert advisory services in the field of waste management and elaboration of audits.

**Objective: Training of the customers in the field of waste management**

Parameter: number of participants in the training.

Target value of the parameter: arrangement of twenty training courses for the customers in different regions of Slovakia for the total number of 400 clients.

Activity for achieving the objective: delivery of expert advisory in the field of environmental protection during the training courses.

**Objective: Increased public awareness in the field of environmental protection**

Parameter: number of activities aimed at increased public awareness implemented in compliance with the Regulation No. 373/2015 on extended responsibility of the producers and on handling of the specified waste streams

Target value of the parameter: arrangement of 4 training or promotion activities per year, with whole Slovakia territory impact, and 8 training or promotion activities yearly in order to increase the public awareness on the regional level.

Activity for achieving the objective: promote our services and mission in relation to the waste separation and recycling and environmental protection in cooperation with the educational institutions, non-profit organizations and experts for public training, financial support to the organizations and trainers in the field of education and eco-education on the local, regional and national levels, information delivery to the end users on collection, processing and recycling of waste, on the importance of participation in the separation, arrangement of public information campaigns and promotion campaigns in compliance with the Regulation No. 373/2015 on extended responsibility of the producers.

**Objective: Reduction of the office supplies consumption – long-term objective**

Target value of the parameter: reduction of purchased and consumed office paper, toners and envelopes

Activity for achieving the objective: in relation to the increased number of clients - utilization of electronic invoicing and delivery of the documents by means of electronic mail.

## 6. BEHAVIOR OF THE ORGANIZATION IN THE ENVIRONMENTAL SECTOR

The company NATUR-PACK, a.s. proceeds in all its activities in compliance with the SR legislation in force, and all work procedures are applied according to the principles and procedures described in the internal documents (Quality and Environmental Manual, internal guidelines, Process Map).

Inspection of the achievement of the company obligations as an authorized organization was performed in the year 2007. Slovak Environment Inspection did not recognize any deficiencies related to the insurance of collection and recovery of packaging waste. Slovak Environment Inspection performed another inspection in the company, oriented in the

compliance with the actual legislative requirements and check of the documents related to the collection and processing of waste of EEE during the year 2013. No incompliances were identified.

The main parameters are focused in the behavior of the company in the following main environmental segments:

- energy efficiency,
- material effectivity,
- water,
- waste,
- biodiversity,
- emissions.

#### *Energy efficiency and water*

Electric energy is used solely for the operation of the office equipment, lighting and kitchen appliances. Water is used only for drinking and hygienic purposes.

Central measuring device for energy consumption is located in the administrative buildings of the company and its branches. Energy and water consumption are directly involved in the total rent costs. Thus, it is not possible to judge the energy efficiency and water consumption, nor to reasonably evaluate the indicators of energy efficiency and water consumption of the company NATUR-PACK, a.s.

#### *Material efficiency*

Office paper consumption, consumption of toners, EEE and fuels belong to the material consumption of the company NATUR-PACK.

#### *Waste*

The company produces municipal waste. Complex separation of waste is not performed in the company premises, however, consumable EEE, batteries, toners, plastics and paper are separated. As the office spaces of the company are located in administrative buildings, the extent of separation is defined by the renters. Separated collection of paper is performed also in the Košice branch office since July 1, 2014. NATUR-PACK, a.s. is not able to influence the extent of separation. The separation costs are automatically involved in the rent.

The company NATUR-PACK, a. s. as its own initiative separates and records waste plastics, paper, composite materials, glass (re-usable), as well as consumable EEE and toners. The generated wastes belong to the categories of the waste catalogue as shown in the Tab. No. 3. All employees participate actively in the separation. Moreover, the company follows the total amounts of the recovered waste by its partners (processing, recovery and recycling companies).



**Tab. No. 3 Generated waste (D – dangerous, O - other)**

<b>Cat. No.</b>	<b>Waste type</b>	<b>Category</b>
08 03 17	Waste toner for printers containing dangerous substances	D
08 03 18	Waste toner for printers other than listed under 08 03 17	O
15 01 01	Paper waste	O
15 01 02	Plastic waste	O
15 01 05	Composite packaging materials	O
16 02 13	Scrap equipment containing dangerous components, other than listed under 16 02 09 to 16 02 12	D
16 02 14	Scrap equipment other than listed under 16 02 09 to 16 02 13	O
16 06 04	Alkaline batteries other than listed under 16 06 03	O
16 06 05	Other batteries and accumulators	O

#### *Biodiversity*

NATUR-PACK, a.s. is located in the rented premises of an administrative building, and also the branch offices are situated in such facilities. No environmental impact results from the administrative activities of the company in the sense of leakage of pollutants into the surrounding environment. However, biodiversity can be expressed as exploitation of the built-up area in square meters per one employee.

#### *Emissions*

The company does not have its own air pollution source; offered services (collection and recovery of waste) require vehicles and processing facilities of sub-contractors of the company NATUR-PACK, a.s. (collection and processing companies). The company uses its vehicles according to the actual recommendations and technical guidelines of their producers. Conversion factors of Defra methodology were used for the calculation of the total annual emissions of the greenhouse gases.

The following parameters out of the main criteria stipulated by the European Parliament and Council Regulation No. 1221/2009 on EMAS are not considered in the company NATUR-PACK, a.s., due to their non-relevance for the environmental aspects: energy efficiency and water.

***Tab. No. 4 Summary overview of the main parameters pursuant to the European Parliament and Council Directive No. 1221/2009 on EMAS, and the indicators monitored by the company***

Parameter	Input A	Output B	Ratio R (A/B)
Energy efficiency (MWh)	Not monitored	-	Not monitored
Material effectiveness (t)	Monitoring of annual purchase of the office paper	Number of clients	Annual volume of purchased office paper per client
	Monitoring of annual consumption of toners*	Number of employees	Annual consumption of toners per employee
	Monitoring of annual consumption of EEE*	Number of employees	Annual consumption of EEE per employee
	Monitoring of annual consumption of batteries**	-	-
	Monitoring of annual consumption of fuels	Number of clients	Annual consumption of fuels per client
Water (m <sup>3</sup> )	Not monitored	-	Not monitored
Waste (t)	Monitoring of the volume of recovered waste	Number of clients	Volume of recovered waste per client
	Monitoring of annual volumes of separated paper *	Number of employees	Annual proportion of separated paper per employee
	Monitoring of annual volumes of separated plastics*	Number of employees	Annual proportion of separated plastics per employee
Biodiversity (m <sup>2</sup> )	Exploitation of built-up area in m <sup>2</sup> of the entire company	Number of employees	Exploitation of built-up area in m <sup>2</sup> per employee
Emissions (t)	CO <sub>2</sub> e – universal unit, used for comparison of the potential of the individual greenhouse gases that contribute to the global warming	Number of clients	Total annual emissions of greenhouse gases CO <sub>2</sub> e per client

Legend:

\* monitoring of indicators since 2014

\*\* batteries are not consumed in the company, only batteries directly integrated in the EEE are used

## Material effectivity

### • Monitoring of the annual volume of purchased office paper

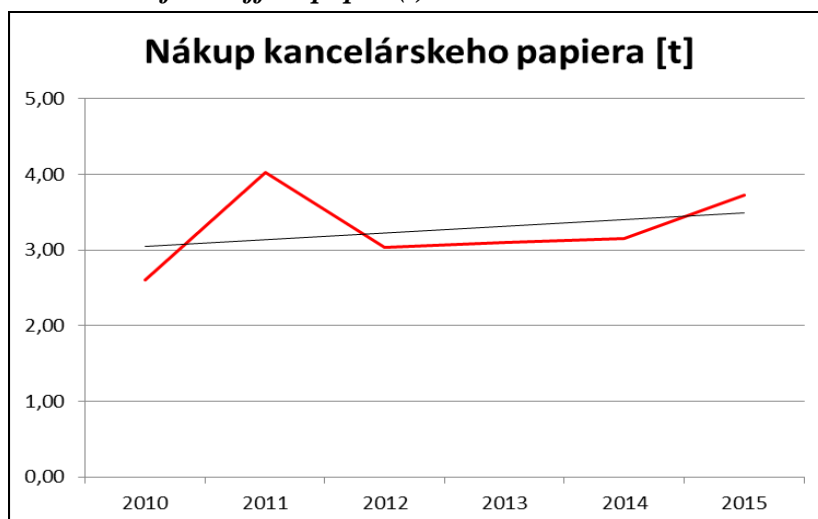
Office paper consumption is re-calculated per one client – authorized organization or collective organization. The number of clients of the company increases each year, the most significant increase was observed during the years 2010 and 2011, and it resulted in increased office paper consumption. Increased number of clients appeared also during the subsequent years. Implementation of the electronic invoicing in the year 2012 importantly reduced the office paper consumption, in parallel with the consumption of toners and envelops and significant reduction of costs related to the surface mail delivery. Office paper consumption increased in the year 2015 as a result of legislative change. Necessity to inform the clients and securing of the new obligations resulting from the new legislation forms a basis for this increase. The coefficient for calculation of the office paper consumption is as follows: volume of the purchased office paper in the given year to the number of clients in the same year.

**Tab. No. 5 Volume of purchased office paper to the number of clients (t)**

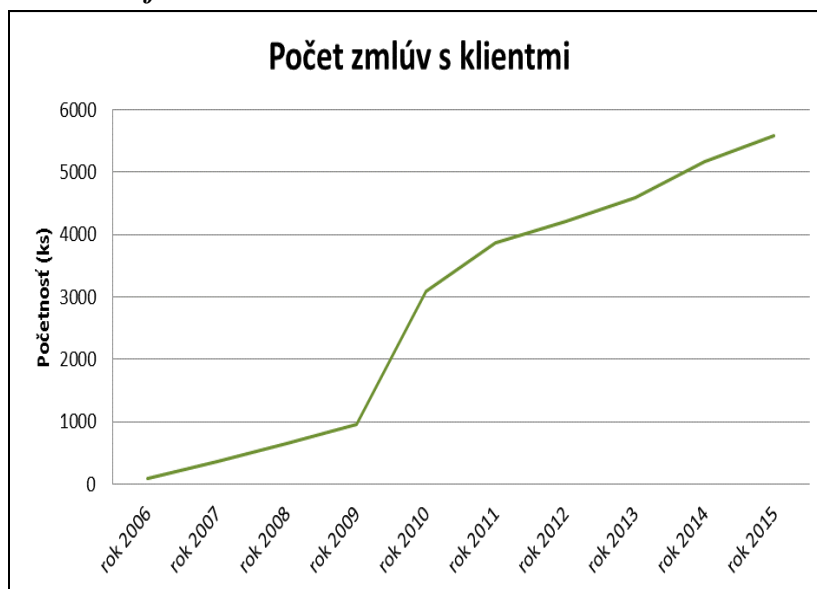
Year	Volume of purchased office paper (t) A	Number of clients B	Volume of purchased office paper per client (t) A/B
2010	2.60	3087	0.0008417
2011	4.02	3866	0.0010401
2012	3.03	4217	0.0007188
2013	3.09	4597	0.0006729
2014	3.16	5172	0.0006100
2015	3.72	5582	0.0006664

The company purchased 2.6 – 4.02 tons of office paper annually during years 2010 to 2015. This amount represents 0.00104 - 0.00061 t of office paper per client due to the increasing number of clients.

**Fig. No. 6 Purchase of the office paper (t)**



**Fig. No. 7 Number of clients**



Number of contracts with clients

- Monitoring of the annual toner consumption

Toner consumption directly relates to the number of employees. Thank to the increased number of clients, employees and to administrative burden resulting from legislative changes, the total toner consumption increased during the year 2015. By the implementation of the ecological printing principles the company succeeded to reduce the volume of consumed toners per employee. The coefficient for calculation of toner consumption is as follows: volume of the used toners in the given year to the number of employees in the same year. For the performance of legislative duties and ensuring the management of waste of toner is contractually responsible provider of IT services.

**Tab. No. 6 Volume of consumed toners to the number of employees (kg)**

Year	Volume of consumed toners (kg) NATUR-PACK a. s. A	Number of employees B	Volume of consumed toners NATUR-PACK a. s. per employee (kg) A/B
2014	31.0	15	2.07
2015	37.0	26	1.42

- Monitoring of the annual consumption of the EEE

Consumption of EEE is directly related to the number of employees. Taking into consideration the life span of the EEE, a renewal of the equipment was performed during the year 2015 that resulted in the increased consumption of the EEE. The company emphasized energy consumption reduction during the procurement of the new equipment and did preferred the EEE in the Energy Starr standard. Coefficient for the calculation of EEE consumption is as follows: number of the scrapped EEE in the given year to the number of

employees in the same year. For the performance of legislative duties and ensuring the management of waste of toner is contractually responsible provider of IT services.

**Tab. No. 7 Volume of consumed EEE to the number of employees (kg)**

Year	Volume of consumed EEE (kg) NATUR-PACK a. s. A	Number of employees B	Volume of consumed EEE NATUR-PACK a. s. per employee (kg) A/B
2014	6.7	15	0.45
2015	72.0	26	2.77

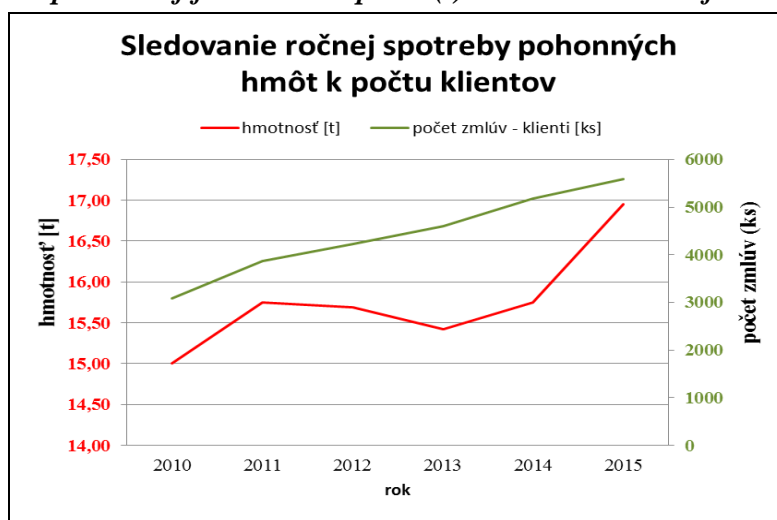
- Monitoring of the annual fuel consumption

Fuel consumption is directly related to the number of vehicles in the fleet; number of vehicles increases depending on the number of new employees or on the number of established new company branches. Coefficient for the calculation of the fuel consumption is as follows: annual fuel consumption to the number of clients in the given year.

**Tab. No. 8 Fuel consumption to the number of clients in tons**

Year	Fuel consumption (t) A	Number of clients B	Fuel consumption to the number of clients (t) A/B
2010	15.00	3087	0.004861
2011	15.75	3866	0.004074
2012	15.69	4217	0.003720
2013	15.42	4597	0.003355
2014	15.75	5172	0.003045
2015	16.95	5582	0.003037

**Fig. No. 8 Comparison of fuel consumption (t) and the number of clients**



Monitoring of the annual fuel consumption in relation to the number of clients

Volume

Year

Number of contracts

The red line represents the volume of consumed fuels in the individual years (15.00 – 16.95 t), corresponding to 0.003037 to 0.004861 t per client. The green line shows the number of clients in the individual years.

### Waste (t)

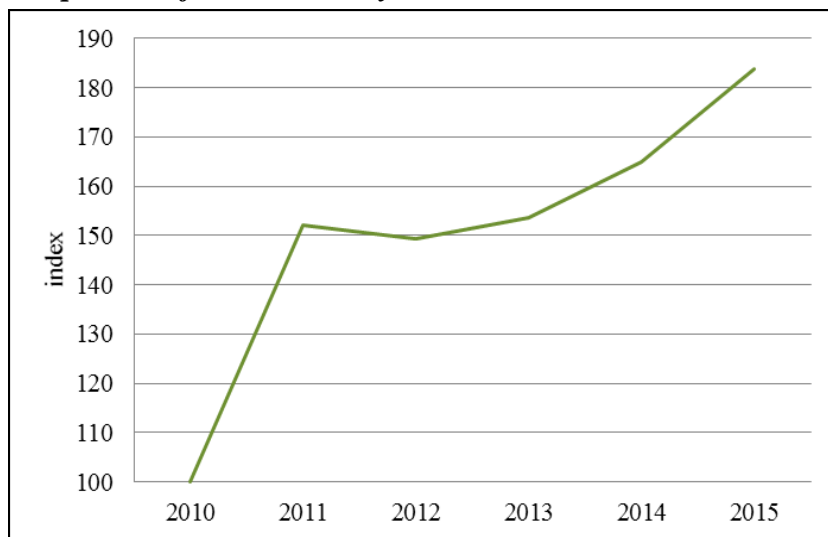
- Monitoring of the recovered waste volume

Volume of the recovered waste is shown by means of an index. Volume of the recovered waste during the year 2010 represents the index 100, the subsequent years are based on this figure, showing the actual development. Coefficient for the calculation of recovered waste is as follows: index of the recovered waste to the number of clients in the given year.

**Tab. No. 9 Proportion of the recovered waste to the number of clients**

Year	Index of recovered waste A	Number of clients B	Index of recovered waste to the number of clients A/B
2010	100	3087	0.032
2011	152	3866	0.039
2012	149	4217	0.035
2013	154	4597	0.034
2014	165	5172	0.032
2015	184	5582	0.033

**Fig. No. 9 Proportion of waste recovery**



The above table and figure show that the lowest proportion of waste recovery was reached in the year 2010 (index 100), the highest proportion was reached in 2015. Comparison with the number of clients revealed that the highest proportion was reached in 2011 – 0.039.

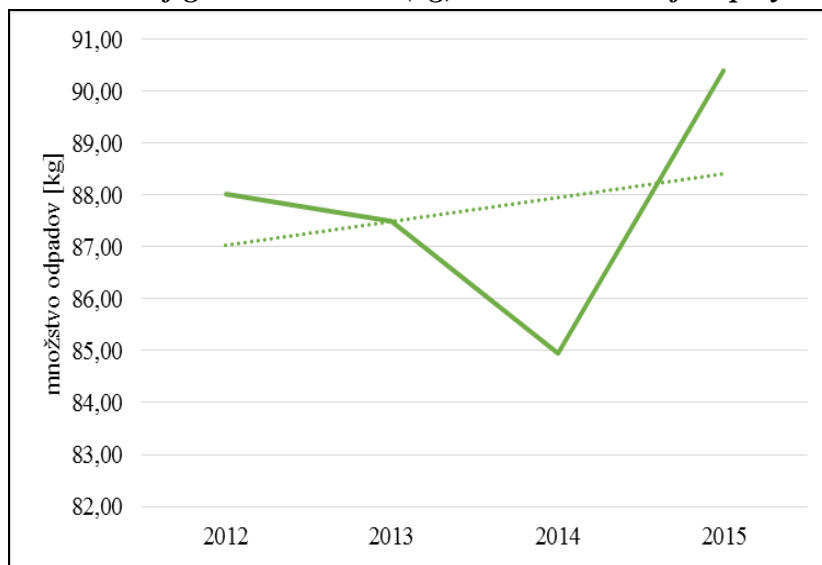
- Monitoring of generated waste volumes

We investigate the volume of generated waste in the company premises since the year 2012. This volume depends mostly on the number of employees. The coefficient for the calculation of generated waste volume is as follows: volume of generated waste to the number of employees in the given year.

**Tab. No. 10 Volume of generated waste to the number of employees**

Year	Total volume of generated waste NATUR-PACK a. s. (kg) A	Number of employees B	Total volume of generated waste NATUR-PACK a. s. per employee (kg) A/B
2012	1408.269	16	88.02
2013	1399.948	16	87.50
2014	1274.395	15	84.96
2015	2350.566	26	90.41

**Fig. No. 10 Volume of generated waste (kg) to the number of employees**



Waste volume

Waste generation by the employees decreased during the years 2012 to 2014; reduced number of employees could contribute to this decrease. Waste volume increased due to the legislative changes and resulting increase of the material demands in order to fulfill the obligations and information flow to the clients

- Monitoring of the proportion of separated paper and plastic waste

The company monitors the volumes of separated paper and plastic waste in our premises since the year 2014. These volumes depend mostly on the number of employees. The coefficient for

the calculation of the proportion of separated paper and plastic waste is as follows: volume of separated paper and plastic waste to the number of employees in the given year.

**Tab. No. 11 Volume of separated paper and plastic waste [kg] per employee**

Year	Commodity	Volume of separated waste NATUR-PACK a.s. [kg] A	Number of employees B	Volume of separated waste NATUR-PACK a.s. per employee [kg] A/B
2014	Paper	199.686	15	13.3124
2015	Paper	420.210	26	16.1538
2014	Plastics	12.444	15	0.8296
2015	Plastics	26.187	26	1.0072

The company initiated the monitoring of the separated paper and plastic waste volumes in the year 2014. The increased proportion of the total amount of separated paper and plastic waste during the year 2015 was caused by increased total waste volume production, but also by the increased awareness of the employees on the possibilities of waste separation, which is confirmed by the proportion of separated waste per employee.

### **Biodiversity (m<sup>2</sup>)**

- Exploitation of the built-up areas in m<sup>2</sup> by the entire company

The head office of the company is located in the rented premises of the seven floor administrative building, the head offices being situated at one floor. The company established the branch office in Banská Bystrica in the year 2010, and further in 2011 also in Košice.

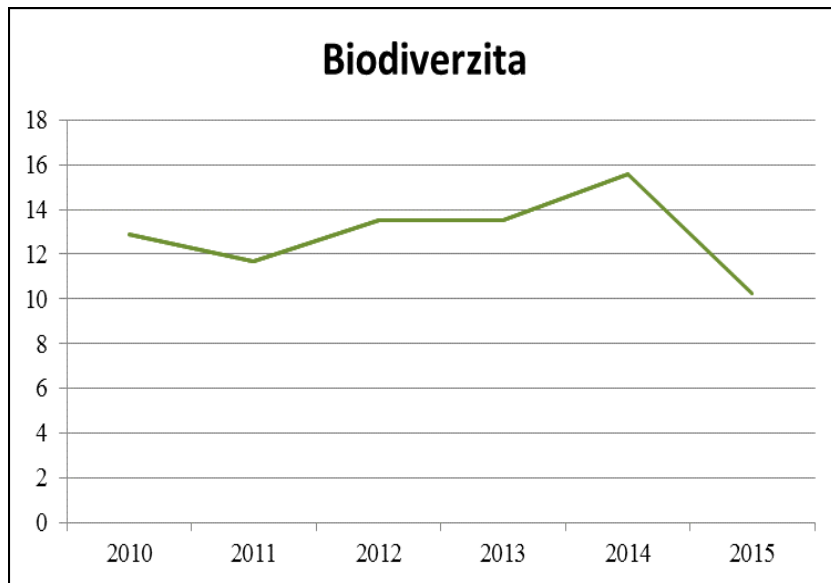
Changed legislation dated 2015 resulted in broadening of the number of branches. Branch offices in Žilina, Trenčín and Nové Zámky were opened in the year 2015. All branch offices are located in rented premises of buildings with several floors. No environmental risks result from the administrative activities of the company performed in the rented premises in the sense of potential leakage of pollutants to the environment. Coefficient for the calculation of biodiversity is as follows: occupied floor area to the number of employees in the given year.

**Tab. No. 12 Exploitation of the built-up area in m<sup>2</sup>**

rok	Exploitation of the built-up area [m <sup>2</sup> ] A	Number of employees (including short-term) B	Exploitation of the built-up area in m <sup>2</sup> per employee A/B
2010	218.68	17	12.86
2011	245.68	21	11.70
2012	283.45	21	13.50
2013	283.45	21	13.50
2014	311.40	20	15.57
2015	410.00	40	10.25



**Fig. No. 11 Exploitation of the built-up area in m<sup>2</sup>**



Biodiversity

The company reduced the exploited area to 10.25 m<sup>2</sup> per employee after increasing the total number of employees and the improvement of the space requirements and possibilities during the year 2015.

### Emissions (t)

- Total annual emissions of greenhouse gases

Total annual emissions of greenhouse gases produced by company vehicles are shown in tons of the CO<sub>2</sub> equivalent. The coefficient of the emission calculation was as follows: total annual emissions of greenhouse gases in tons of CO<sub>2</sub> equivalent to the number of clients in the given year.

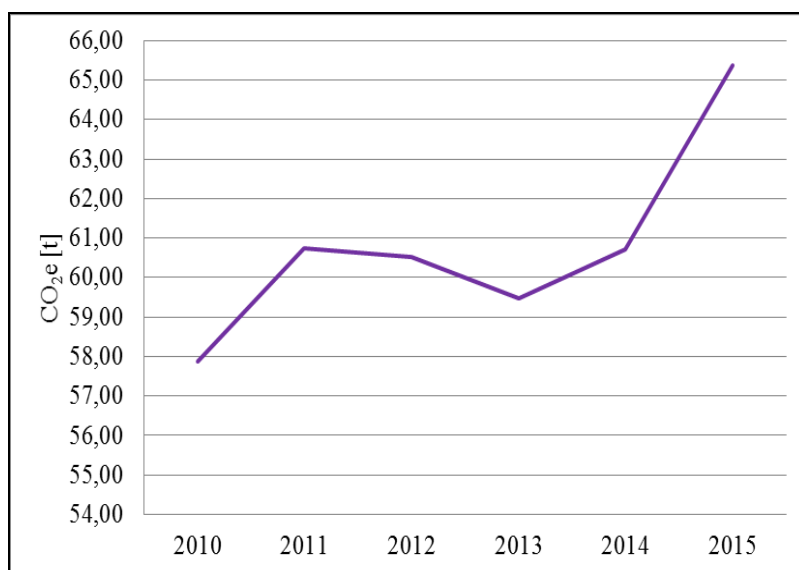
**Tab. No. 13 Total annual emissions of greenhouse gases CO<sub>2</sub>e per client in tons**

Year	CO <sub>2</sub> e [t] A	Number of clients B	Total annual emissions of greenhouse gases CO <sub>2</sub> e per client [t] A/B
2010	57.88	3087	0.0187
2011	60.75	3866	0.0157
2012	60.51	4217	0.0143
2013	59.48	4597	0.0129
2014	60.72	5172	0.0117
2015	65.38	5582	0.0117

Table No. 13 shows that the company successfully reduces the total annual emissions of the greenhouse gases CO<sub>2</sub>e per client. The annual emissions decreased from 0.0187 t down to

0.0117 t during the years 2010 to 2014 after re-calculation to a single client. The company succeeded to keep the volume of released emissions per client in the year 2015, in spite of the increased number of clients and risen total amount of produced greenhouse gases. Moreover, the company follows and respects the technical guidelines and recommendations of the producers of vehicles in the field of decreasing of the environmental impacts of the used cars. The following chart shows the total annual emissions of greenhouse gases CO<sub>2</sub>e in tons.

**Fig. No. 12 Total annual emissions of greenhouse gases CO<sub>2</sub>e in tons**



## 7. FACTORS INFLUENCING THE ENVIRONMENTAL BEHAVIOR

### 7.1 Cooperation with external stakeholders

The organization was founded on the equal position of all stakeholders - duly responsible persons, collection, recovery and recycling companies; it cooperates with the state administration and it acts as an active member of many associations. The company NATUR-PACK, a.s. is open to hold a dialogue and to cooperate with all partners in the environmental sector.

### 7.2 Legislation

Cross-sectoral discussion of the proposed Waste Act was realized during April and May 2014. The company actively participated in this process and also in the following dispute. Act No. 79/2015 Coll. on Waste was approved in April 2015, coming into force on January 1, 2016. Several processes and activities should be improved in the company after termination of the transition periods set out by the Act No. 79/2015 Coll. The company reflected these expectations by improvement of the organigram, by attracting of new employees and by re-distribution of competencies and tasks. All changes are described in the Process Map.

## 8. LEGAL REQUIREMENTS

The environmental management system forms an important element of the company in relation to the serviced offered. The company respects the actual Slovak and European legislation and all environmental standards and regulations by means of the operational procedures that are binding for the employees. In addition to the Quality and Environmental Manual and to the internal guidelines the company elaborated and updated the register of legal requirements (in the form F-53 List of external documentation, and a proof of fulfillment is in the form F-52 Evaluation of fulfillment of the legal requirements (Process Map, 2. LEG Following of the legislative environment, 2. LEG-02 Implementation – Incorporation of legislative changes into the activities of the company; quality manager and EMS manager are responsible for the updating).

**Tab. No. 14 Legal requirements in the environmental sector**

Type	Number	Title of the document	Status
<b>EU Directives</b>			
D	94/62/EC	European Parliament and Council Directive 94/62/EC on Packaging and Packaging Waste	applied
D	2008/98/EC	European Parliament and Council Directive 2008/98/EC on Waste	applied
D	2002/96/EC	Directive 2002/96/EC of the European Parliament and of the Council on Waste Electrical and Electronic Equipment (WEEE)	applied
D	2011/753/EC	Commission Decision 2011/753/EU Establishing the Rules and Calculation Methods for Verifying Compliance with the Targets set in Article 11(2) of Directive 2008/98/EC of the European Parliament and of the Council	applied
D	2011/65/EC	Directive 2011/65/EU of the European Parliament and of the Council on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment	applied
D	2006/66/EC	Directive 2006/66/EC of the European Parliament and of the Council on Batteries and Accumulators and Waste Batteries and Accumulators and Repealing Directive 91/157/EEC	applied
D	75/2010/EC	Directive 75/2010/EU of the European Parliament and of the Council on Industrial Emissions	applied
D	2013/2/EC	Commission Directive 2013/2/EU amending Annex I to Directive 94/62/EC of the European Parliament and of the Council on Packaging and Packaging Waste	applied
D	1221/2009 EC	REGULATION (EC) NO 1221/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the Voluntary Participation by Organizations in a Community Eco-management and Audit Scheme (EMAS), repealing Regulation (EC) No 761/2001 and Commission Decisions 2001/681/EC and 2006/193/EC	applied
<b>Acts of the Slovak Parliament</b>			
Z	79/2015	Act No. 79/2015 Coll. on Waste, amending certain acts	observed
Z	67/2010	Act No. 67/2010 Coll. on Conditions for Launch of Chemicals and Chemical Substances and on Amendment and Supplement to Certain Acts (Chemical Act)	applied
Z	359/2007	Act No. 359/2007 Coll. on Prevention and Recovery of Environmental Damage, and on Amendments to Certain Acts	applied
Z	362/2012	Act No. 362/2012 on Unfair Trading Practices Related to Food	applied

Type	Number	Title of the document	Status
Z	24/2006	Act No. 24/2006 Coll. on the Assessment of the Environmental Impacts and on Amendments of Certain Acts, as amended	applied
Z	39/2013	Act No. 39/2013 Coll. on Integrated Prevention and Pollution Control and on Amendments of Certain Acts, as amended	applied
Z	346/2013	Act No. 346/2013 Coll. on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment	observed
Z	543/2002	Act No. 543/2002 Coll. on the Nature and Landscape Protection	observed
Z	17/1992	Act No. 17/1992 Coll. on the Environment	observed
Z	205/2004	Act No. 205/2004 Coll. on the Collection, Storage and Dissemination of Information on the Environment and on Amendments to Certain Acts	observed
Z	460/1992	460/1992 Coll. CONSTITUTION OF THE SLOVAK REPUBLIC	observed
Z	364/2004	Act No. 364/2004 Coll. on Waters, amending Act No. 372/1990 Coll. of the Slovak National Council on Offences, as amended by later regulations (Water Act)	observed
Z	137/2010	Act No. 137/2010 Coll. on Air	observed
Z	286/2009	Act No. 286/2009 Coll. Fluorinated Greenhouse Gases and on Amendment of Certain Acts, as amended	observed
Z	401/1998	Act No. 401/1998 Coll. on Air Pollution Charges	observed
Z	469/2002	Act No. 469/2002 on Eco-labelling of Products	observed
Z	351/2012	Act No. 351/2012 Coll. on the Environmental Verification and Registration of Organizations in the European Union Eco-Management and Audit Scheme, and on Amendments of Certain Acts	observed
<b>Decrees SR</b>			
Z	365/2015	Decree of the Ministry of Environment SR No. 365/2015 Coll., setting out the Waste Catalogue	observed
Z	366/2015	Decree of the Ministry of Environment SR No. 366/2015 Coll. on Recording Obligation and Reporting Obligation	observed
Z	367/2015	Decree of the Ministry of Environment SR No. 367/2015 Coll., Setting Out the Requirements for Fuel Quality and Recording of Operational Evidence on Fuels	observed
Z	368/2015	Notification of the Ministry of Environment SR No. 368/2015 Coll. on Unified Methods of Analytical Control of Waste	observed
Z	370/2015	Decree of the Ministry of Environment SR No. 370/2015 Coll. on the Charges for Calculation of Contribution to the Recycling Fund, on the List of Products, Materials and Equipment that are Subject to Contribution to the Recycling Fund, and on the Details of the Application Form Requesting the Support from the RF	observed
Z	371/2015	Decree No. 371/2015 Coll., Executing Certain Provisions of the Waste Act	observed
Z	372/2015	Decree No. 372/2015 Coll. on Waste Depositing and Temporary Storage of Metallic Mercury	observed
Z	373/2015	Decree No. 373/2015 Coll. on Extended Responsibility of the Producers of Specified Products and on Handling of the Specified Waste Streams	observed

D – directive, decision  
Z – act, decree

## CONCLUSION

The company NATUR-PACK, a.s. offered to its clients fulfillment of the obligations set out in the Packaging Waste Act since the company foundation in the year 2006. The company gradually broadened its scope of activities also to fulfill the selected obligations resulting from the Waste Act, e.g. on EEE, packaging and non-packaging commodities, batteries and accumulators, oils and tires. Based on the up-to-date legislation and existence of the system of extended responsibility of the producers, the company as a collective organization in the waste management fulfills also the specified obligations of the producers of specified products. In parallel with broadening the portfolio of its clients and scope of its activities, the company implemented ISO systems. First, the Quality Management System, and later also the Environmental Management System. The company considered also the implementation of EMAS as an added value to the Environmental Management Systems according to the international standard EN ISO 14001. In order to proof that the company wants to valorize and to improve its own environmental behavior and to demonstrate to all stakeholders (clients, public, authorities) that it evaluates, manages and decreases the environmental impacts of its activities and products. The company successfully passed the certification audit and implemented the EMAS system. Implementation and maintenance of the mentioned systems is a good precondition of high effectiveness of the adjusted processes and systems of the company with regards to the ecological, professional, qualitative and legislative requirements.

## ENVIRONMENTAL VERIFIER'S DECLARATION ON VERIFICATION AND VALIDATION ACTIVITIES

Bodroghelyi Csaba individual EMAS verifier, Borbolya u. 5, H-1023 Budapest, Hungary

with EMAS environmental verifier registration number HU-V-0004/2013

accredited or licensed for the scope 17, 18, 38, 39, 74

declares to have verified whether the site(s) or the whole organisation as indicated in the environmental statement of the organisation

NATUR-PACK, a.s., Ružová dolina 6, 821 08 Bratislava  
NACE: 74.90 Other professional, scientific and technical activities

meet all requirements of Regulation (EC) No 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS).

By signing this declaration, I declare that:

- the verification and validation has been carried out in full compliance with the requirements of Regulation (EC) No 1221/2009,
- the outcome of the verification and validation confirms that there is no evidence of non-compliance with applicable legal requirements relating to the environment,
- the data and information of the environmental statement of the organisation reflect a reliable, credible and correct image of all the organisations activities, within the scope mentioned in the environmental statement.

This document is not equivalent to EMAS registration. EMAS registration can only be granted by a Competent Body under Regulation (EC) No 1221/2009. This document shall not be used as a stand-alone piece of public communication.

Done at Budapest on 28/06/2016.



Bodroghelyi Csaba  
individual EMAS verifier

## VYHLÁSENIE ENVIRONMENTÁLNEHO OVEROVATEĽA O OVEROVANÍ A VALIDÁCII

Bodroghelyi Csaba individual EMAS verifier, Borbolya u. 5, H-1023 Budapest, Hungary

s registračným číslom overovateľa EMAS HU-V-0004/2013

akreditovaný alebo s licenciou pre rozsah 17, 18, 38, 39, 74

vyhlasuje, že overil, či miesto(-a) alebo celá organizácia v zmysle environmentálneho vyhlásenia

NATUR-PACK, a.s., Ružová dolina 6, 821 08 Bratislava  
NACE: 74.90 Ostatné odborné, vedecké a technické činnosti

spĺňa(-jú) všetky požiadavky nariadenia Európskeho parlamentu a Rady (ES) č. 1221/2009 z 25. novembra 2009 o dobrovoľnej účasti organizácií v schéme Spoločenstva pre environmentálne manažérstvo a audit (EMAS).

Podpisom vyhlasujem, že:

- overovanie a validácia boli vykonané v plnom súlade s požiadavkami nariadenia (ES) č. 1221/2009,
- výsledok overovania a validácie potvrdzuje, že neexistuje žiadny dôkaz o nedodržovaní uplatniteľných právnych požiadaviek týkajúcich sa životného prostredia,
- údaje a informácie uvedené v environmentálnom vyhlásení organizácie v rozsahu uvedenom v environmentálnom vyhlásení.

Tento dokument nie je rovnocenný s registráciou v EMAS. Zápis do registra EMAS môže urobiť iba príslušný orgán podľa nariadenia (ES) č. 1221/2009. Tento dokument sa samostatne nezverejňuje.

V Budapešti dňa: 28/06/2016.



Bodroghelyi Csaba  
individual EMAS verifier



Elaborated by:           Mgr. Daniel Kleman  
                                  RNDr. Alexandra Grgulová  
                                  Mgr. Renáta Miháliková, PhD.  
                                  Mgr. Gabriela Kraushuberová  
                                  Mgr. Marek Brinzík  
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Approved by:             RNDr. Michal Sebíň, PhD.

Date for: 6/2016

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