Enhancing and Conservation of Ecosystem through Philatelic Education in Europe: Think Green Concept (II) - Stamp Research Study

Bogdan Cioruța[1*], Mirela Coman[2,3] and Alexandru Leonard Pop[1]

[1]*Office of Informatics, Technical University of Cluj-Napoca - North University Centre of Baia Mare, 62A Victor Babeș Str., 430083, Baia Mare, Romania.*
[2]*Faculty of Engineering, Technical University of Cluj-Napoca - North University Centre of Baia Mare, 62A Victor Babeș Str., 430083, Baia Mare, Romania.*
[3]*Faculty of Agriculture, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, 3-5 Calea Mănăștur, 400372, Cluj-Napoca, Romania.*

Authors' contributions

This work was carried out in collaboration among all authors. Author BC designed the study, performed the literature searches and wrote the first draft of the manuscript. Author ALP managed the analyses of the study and also managed its own literature searches. All authors read and approved the final manuscript.

Original Research Article

ABSTRACT

Each year the members of PostEurop issue EUROPA stamps on a common theme. One new twist is that all stamp issuers in the PostEurop area are using the same motif. The 2016 year's theme was the environment. PostNord works actively to take environmental and sustainability responsibilities seriously and have set clear, measurable goals.

EUROPA stamps are special stamps issued by European postal administrations and bears the official EUROPA logo, a PostEurop registered trademark under the aegis of PostEurop in which Europe is the central theme. EUROPA stamps underlines cooperation in the posts domain, taking into account promotion of philately. They also build awareness of the common roots, culture and

---

*Corresponding author: Email: bogdan.cioruta@staff.utcluj.ro;

history of Europe and its common goals. As such, EUROPA stamp issues are among the most collected and most popular stamps in the world.

Since the first issue in 1956, EUROPA stamps have been a tangible symbol of Europe's desire for closer integration and cooperation. In 1993, PostEurop became responsible for issuing EUROPA stamps. Each year, PostEurop's Stamps & Philately Working Group selects the EUROPA stamp theme. "Think green!" was the 2016 theme.

In this paper we propose an insight into the actual history of Europe preoccupations for environmental protection, and bring into limelight the significant concerns in promoting ecological educational via thematic issues ("Think green!" stamps). The main objective is to identify, index and describe the remain philatelic pieces issued in European countries, starting with the Iceland post administration issues and ending with ones from Vatican.

DEFINITIONS

FDC (First day cover): Document with a first day cancellation, not necessarily the one with the special illustration.

Joint issues: Stamps released by two or more countries on the occasion of a common event or anniversary and are characterized either by a common design or the same date of issue.

1. INTRODUCTION

Ecology, of course the applied one, as well as the philatelic education, have found a special place in our daily concerns. Thus, starting from the philosophical approach to environmental protection [1], we have gradually managed to move towards environmental protection and engineering [2], culminating in what we want to be a series of works dedicated to protected natural areas [3,4]. The present work has taken shape, as a result of our most recent concerns, which is meant to be a continuation to the study started by [5].

EUROPA stamps underlines cooperation in the posts domain, taking into account promotion for both applied ecology and thematic philately. They also build awareness of the common roots, culture and history of Europe and its common goals. As such, EUROPA stamp issues are among the most collected and most popular stamps in the world, since 1956.

EUROPA stamps have been a tangible symbol of Europe's desire for closer integration and cooperation. Much more, the issued pieces come to certify, once again, although this may not have been the case, the need for an integrated approach to environmental and community problems, through the active participation of each citizen.

With the help of [6], in Fig. 1, we show the Isle of Man postal administration concerns for the environmental protection, in the context of 2016 EUROPA stamp issues.
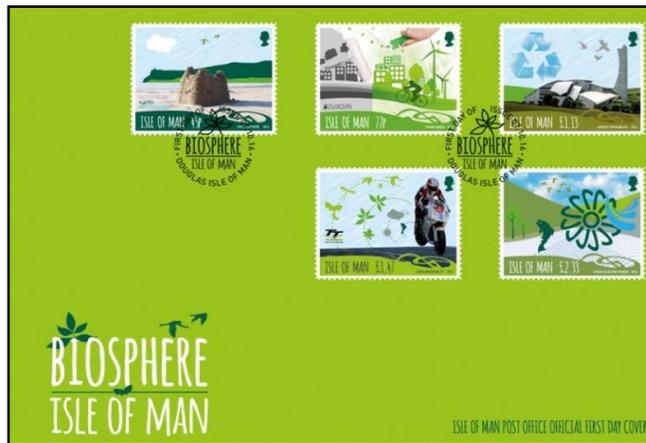

Fig. 1. "Think green!" FDC with series from Isle of Man postal administration, 2016

2. MATERIALS AND METHODS

The working methodology that we relied on to carry out the present study, as a natural complement to the one achieved in [5], is a relatively accessible one in the context of the current generation, which constantly frequents the Internet for documentation. Moreover, in order to fully understand the whole approach of the documentation, we just have to mention that we have considered a long line of online platforms, especially e-commerce sites and catalogs of philatelic pieces. Their consultation was done methodically, following a chronological and alphabetical thread as well, the countries considered for the present study being all the others that we could identify as having taken part in the "Think green!" initiative.

As with the practice of philately, no special, long-term training is required, as in the present study, no innovative methodology, expensive equipment and/or instruments is required, but creativity is needed for the conduct of research. We analyzed and interpreted the pictorial data, what we identified on the respective sites, based on the descriptions made by other collectors and philatelists, respectively by consulting and comparing with other sources and specialized catalogs [7-12]. At the same time, the open-source philatelic content platforms, especially the discussion forums, have been of great use, where, as a result of the online meetings, valuable information has been found, giving, equally, a note of subjectivism.

3. RESULTS AND DISCUSSION

As in [5], visits to online platforms, more or less dedicated to philately, identify, index and describe the rest of the philatelic pieces (stamps, first day covers - FDCs) for the other countries participating in the "Think green!" initiative. Tables 1 & 2, underline the technical characteristics of the issued stamps.

Table 1. Technical characteristics for the "Think green!" philatelic issues (III)

No.	Country (postal office)	Stamps		FDCs	Observations	Ref.
		EU	other			
33	Iceland	x	x	5	2 FDCs+single stamp 1 FDC+series 2 FDCs+block of four	[13-15]
34	Ireland	x	x	2	2 FDCs+series	[16,17]
35	Isle of Man	x	-	2	2 FDCs+various series	[18-20]
36	Italy	x	x	6	6 FDCs+simple stamp	[21,22]
37	Jersey	x	x	1	1 FDC+series	[23,24]
38	Kazakhstan	x	x	3	1 FDC+single stamp 2 FDCs+series	[25,26]
39	Kosovo	-	x	2	1 FDC+series 1 FDC+souvenir sheet	[27-29]
40	Latvia	x	x	1	1 FDC+series	[30,31]
41	Liechtenstein	x	x	5	2 FDCs+single stamp 1 FDC+series 2 FDCs+block of four	[32-34]
42	Lithuania	x	x	1	1 FDC+series	[35-37]
43	Luxembourg	x	x	1	1 FDC+series	[38-40]
44	Macedonia	-	x	2	1 FDC+series 1 FDC+souvenir sheet	[41-44]
45	Madeira	x	-	2	1 FDC+series 1 FDC+souvenir sheet	[45-47]
46	Malta	x	x	1	1 FDC+series	[48-50]
47	Moldova	x	x	2	1 FDC+series 1 FDC+block of four	[51,52]
48	Monaco	x	-	1	1 FDC+single stamp	[53,54]
49	Montenegro	x	-	1	1 FDC+single stamp	[55-57]
50	Nagorno-Karabakh (Armenian post)	x	x	1	1 FDC+series	[58]

Analogous, in completing the synthesis contained in Table 1 and Table 2, following the same principle of the description, we managed to generate Tables 3 to Tables 14, where we develop the details regarding each piece, in part, starting from its status (officially or under the aegis of the postal administration), and until the print run.

As mentioned in a previous article [5], whose continuation this one represents, in addition to the common design - imposed somewhat by the European postal administration, many postal administrations are issuing "Think green!" stamps with their own designs. For example, on the five stamps issued by Isle of Man postal administration, the common design and the EUROPA logo appear only on the last one [105], as we shown on Fig. 2.

Another conclusive example we shown on Fig. 3, where on the four stamps being issued by Jersey postal administration [106], the common design and also the EUROPA logo appear only on the £1.29 high denomination, the other three stamps depict words and phrases.

Rachel MacKenzie, Jersey post's philatelic marketing manager, said that they decided to take a typographic approach to the stamp designs, using words and phrases relating to sustainability and the environment [107]. They arranged the words in the shape of a head, the island of Jersey and a globe, in order to illustrate that protecting the planet starts with the individual, but that it is something that needs to be done also together, as a sustainable community and collectively all around the world. The denominations for the presented pieces are 74p, 76p and £1 [107].

Table 2. Technical characteristics for the "Think green!" philatelic issues (IV)

No.	Country (postal office)	Stamps		FDCs	Observations	Ref.
		EU	other			
51	Netherland	x	x	1	1 FDC+series	[59-60]
52	Norway	x	x	1	1 FDC+series	[61,62]
53	Poland	x	-	1	1 FDC+single stamp	[63,64]
54	Portugal	x	-	2	1 FDC+single stamp 1 FDC+souvenir sheet	[65-67]
55	Romania	x	x	1	1 FDC+series	[68-70]
56	Russia	-	x	2	No Europa logo on it. 2 FDCs+block of four	[71]
57	San Marino	x	-	2	2 FDCs+single stamp	[71,72]
58	Serbia	x	x	3	1 FDC+series 2 FDCs+block of six	[73,74]
59	Slovakia	x	-	1	1 FDC+single stamp	[75,76]
60	Slovenia	x	x	1	1 FDC+series	[77,78]
61	Spain	x	-	2	2 FDCs+single stamp	[79-81]
62	Sweden	x	-	?	1 FDC+single stamp	[82,83]
63	Switzerland	x	x	2	1 FDC+series (in pair) 1 FDC+block of four	[84,85]
64	Turkey				1 FDC+series	[86,87]
65	Ukraine	x	-	1	1 FDC+single stamp	[88,89]
66	Vatican	x	-	5	5 different FDCs	[90,91]
67	Alania	x	x		2.S/Sheet (imp.&perf.)	[92]
68	Crete	x	x		2.S/Sheet (imp.&perf.)	[93]
69	Crimea	x	x		2.S/Sheet (imp.&perf.)	[94]
70	Gagauzia	x	x		2.S/Sheet (imp.&perf.)	[95]
71	Isle of Arran	x	x		2.S/Sheet (imp.&perf.)	[96]
72	Isle of Jethou	x	x		2.S/Sheet (imp.&perf.)	[97]
73	Isle of Mull	x	x		2.S/Sheet (imp.&perf.)	[98]
74	Isles of Scilly	x	x		2.S/Sheet (imp.&perf.)	[99]
75	Isle of Wight	x	x		2.S/Sheet (imp.&perf.)	[100]
76	Nakhchivan	x	x		2.S/Sheet (imp.&perf.)	[101]
77	Rep. Hrvatska	x	x		2.S/Sheet (imp.&perf.)	[102]
78	Sardegna	x	x		2.S/Sheet (imp.&perf.)	[103]
79	South Ossetia	x	x		2.S/Sheet (imp.&perf.)	[104]

(FDCs column for rows 67-79: ">>> Cinderellas countries private issues <<<")

Fig. 2. "Think green!" issues from Isle of Man postal administration, 2016
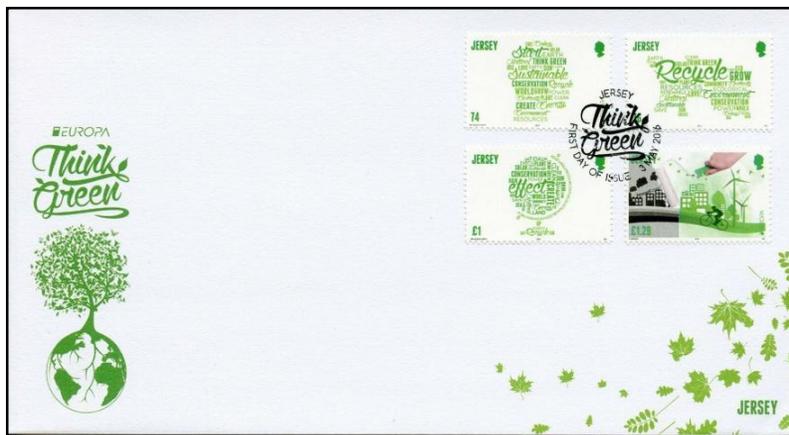
Fig. 3. "Think green!" FDC with series from Jersey postal administration, 2016

Fig. 4. "Think green!" block of four from Macedonia postal administration, 2016

In the same context, we must mention even the Liechtenstein post administration. The winning illustration by A. Corrado is called "Rethinking Green." Liechtenstein's philatelic office described Corrado's illustration as showing Earth divided into two parts: one with skyscrapers and industrial buildings in "unfriendly colours", and the other with a green landscape showing

mountains, flowers, trees and a rainbow [107].

Flora and fauna are featured on some of the other additional EUROPA stamps. For instance, on a stamp issued April 28, Iceland pictures marine creatures on one half of its design, and ocean pollution on the other. In the same context, Republic of Macedonia express their own post office brand, in a block of four form [108], as shown in Fig. 4.

Analogous, another conclusive example, on a stamp issued by Moldova shows flowers and a

butterfly surrounding a green silhouette of a woman; in parallel, tried to treat the philatelic piece issued by Romania, both emissions being presented as blocks of six [109], in case of Moldova, respectively four [110], in case of Romania, on Fig. 5.
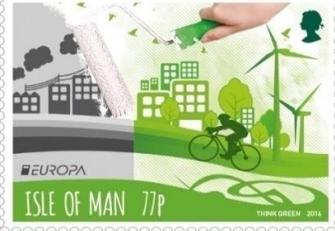
Other interesting examples, mainly of layout, but also of grouping, are mentioned in the Appendix area [111-117], respectively from Fig. 6 to Fig. 10. Observations, as well as other additional details, will be made after each table, and only where appropriate.

Fig. 5. "Think green!" block of six from Macedonia, and block of four from Romania postal administration, 2016

Table 3. Technical characteristics for the "Think green!" stamps (XI)

Post office	ID	Stamps design	Stamps description
Iceland	a		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #IS 1493 **Date of issue**: 28-04-2016 **Stamp size**: 36×24.5 mm **Face value**: 50 Gr **Perforation**: comb 13¼ **Run printing**: unknown
	b		**Series**: postal administration brand **Designer**: Hlynur Ólafsson **Catalog codes**: Mi #IS 1494 **Date of issue**: 28-04-2016 **Stamp size**: 36×24.5 mm **Face value**: 50 Gr **Perforation**: comb 13¼ **Run printing**: unknown

Ireland	c		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #IE 2184 **Date of issue**: 12-05-2016 **Stamp size**: 44×28 mm **Face value**: 70 ct - eurocent **Perforation**: comb 13½ **Run printing**: 122,000
	d		**Series**: postal administration brand **Designer**: Red Dog Design **Catalog codes**: Mi #IE 2185 **Date of issue**: 12-05-2016 **Stamp size**: 44×28 mm **Face value**: 1.05 € - euro **Perforation**: comb 13½ **Run printing**: 94,000
Isle of Man[i]	e		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #IM 2205 **Date of issue**: 07-10-2016 **Stamp size**: 42×32.4 mm **Face value**: 77 p - Manx penny **Perforation**: comb 14 **Run printing**: 122,000

[i] *one stamp with (0.77 GBP) out of a set of 5 stamps (only this stamp, as we have noted, has the official EUROPA design and logo)*

Table 4. Technical characteristics for the "Think green!" stamps (XII)

Italy	a		**Series**: postal administration brand **Designer**: Anna Maria Maresca **Catalog codes**: Mi #IT 3908 **Date of issue**: 09-05-2016 **Stamp size**: 30×40 mm **Face value**: 0.95 € - Euro **Perforation**: comb 11 **Run printing**: 600,000
	b		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #IT 3909 **Date of issue**: 09-05-2016 **Stamp size**: 40×30 mm **Face value**: 1 € - Euro **Perforation**: comb 11 **Run printing**: 600,000
Jersey[ii]	c		**Series**: postal administration brand **Designer**: Two Degrees North **Catalog codes**: Mi #JE 2025 **Date of issue**: 03-05-2016 **Stamp size**: 44×27 mm **Face value**: 74 p - Jersey penny **Perforation**: comb 14 **Run printing**: unknown

Post office	ID	Stamps design	Stamps description
	d		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #JE 2028 **Date of issue**: 03-05-2016 **Stamp size**: 44×27 mm **Face value**: 1.29 £ - Jersey pound **Perforation**: comb 14 **Run printing**: unknown
Kazakhstan	e		**Series**: postal administration brand **Designer**: K. Pluzhnikova **Catalog codes**: Mi #KZ 966 **Date of issue**: 21-10-2016 **Stamp size**: 40×28 mm **Face value**: No face value **Perforation**: comb 13¼ **Run printing**: 15,000

ii) two stamps (0.74 & 1.29 GBP) out of a set of 4 stamps (only those two stamps are bearing the official EUROPA design and logo)

Table 5. Technical characteristics for the "Think green!" stamps (XIII)

Post office	ID	Stamps design	Stamps description
Kazakhstan	a		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #KZ 967 **Date of issue**: 21-10-2016 **Stamp size**: 40×28 mm **Face value**: 300 ₸ **Perforation**: comb 13¼ **Run printing**: 15,000
Kosovo[iii]	b		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #KO 338 **Date of issue**: 09-05-2016 **Stamp size**: ??×?? mm **Face value**: 1 € - Euro **Perforation**: comb 14 **Run printing**: unknown
	c		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #KO 339 **Date of issue**: 09-05-2016 **Stamp size**: ??×?? mm **Face value**: 2.10 € - Euro **Perforation**: comb 14 **Run printing**: unknown
Latvia	d		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #LV 980 **Date of issue**: 09-05-2016 **Stamp size**: 37.5×25.5 mm **Face value**: 0.78 € - Euro **Perforation**: comb 14 **Run printing**: 200,000

Post office	ID	Stamps design	Stamps description
	e		**Series**: postal administration brand **Designer**: Arta Ozola Jaunarāja **Catalog codes**: Mi #LV 981 **Date of issue**: 09-05-2016 **Stamp size**: 37.5×25.5 mm **Face value**: 0.78 € - Euro **Perforation**: comb 14 **Run printing**: 200,000

III) We publish the Kosovo stamps in our table, but we don't consider them as EUROPA stamps, because those stamps don't bear the official EUROPA logo - Kosovo isn't a PostEurop member!

Table 6. Technical characteristics for the "Think green!" stamps (XIII)

Post office	ID	Stamps design	Stamps description
Liechtenstein	a		**Series**: postal administration brand **Designer**: Aurora Corrado **Catalog codes**: Mi #LI 1790 **Date of issue**: 07-03-2016 **Stamp size**: 30×40.5 mm **Face value**: 150 Swiss centime **Perforation**: comb 14×13¼ **Run printing**: unknown
Liechtenstein	b		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #LI 1791 **Date of issue**: 07-03-2016 **Stamp size**: 38×32 mm **Face value**: 150 Swiss centime **Perforation**: comb 12×12¾ **Run printing**: unknown
Lithuania	c		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #LT 1217 **Date of issue**: 07-05-2016 **Stamp size**: 35.5×30 mm **Face value**: 0.71 € - Euro **Perforation**: comb 13×13¼ **Run printing**: 300,000
Lithuania	d		**Series**: postal administration brand **Designer**: Vykinto Pakalkos **Catalog codes**: Mi #LT 1218 **Date of issue**: 07-05-2016 **Stamp size**: 35.5×30 mm **Face value**: 0.71 € - Euro **Perforation**: comb 13×13¼ **Run printing**: 300,000
Luxembourg	e		**Series**: postal administration brand **Designer**: L. Daubach **Catalog codes**: Mi #LU 2090 **Date of issue**: 10-05-2016 **Stamp size**: 40.2×27.66 mm **Face value**: 0.70 € - Euro **Perforation**: comb 11½ **Run printing**: 150,000

Table 7. Technical characteristics for the "Think green!" stamps (XIII)

Post office	ID	Stamps design	Stamps description
Luxembourg	a		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #LU 2091 **Date of issue**: 10-05-2016 **Stamp size**: 27.66×40.2 mm **Face value**: 0.95 € - Euro **Perforation**: comb 11½ **Run printing**: 150,000
Macedonia[iv]	b		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #MK 755 **Date of issue**: 10-05-2016 **Stamp size**: ??×?? mm **Face value**: 50 ден **Perforation**: comb 13½ **Run printing**: unknown
	c		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #MK 756 **Date of issue**: 10-05-2016 **Stamp size**: ??×?? mm **Face value**: 100 ден **Perforation**: comb 13½ **Run printing**: unknown
	d		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #MK 757 **Date of issue**: 10-05-2016 **Stamp size**: ??×?? mm **Face value**: 144 ден **Perforation**: comb 13½ **Run printing**: 7,000

[iv] *We publish the Macedonia stamps in our table, because we consider them as EUROPA stamps, because Macedonia postal administration use the official EUROPA logo*

Table 8. Technical characteristics for the "Think green!" stamps (XIV)

Post office	ID	Stamps design	Stamps description
Macedonia[iv]	a		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #MK 758 **Date of issue**: 10-05-2016 **Stamp size**: ??×?? mm **Face value**: 50 ден **Perforation**: comb 13½ **Run printing**: 10,000

	b		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #MK 760 **Date of issue**: 10-05-2016 **Stamp size**: ??×?? mm **Face value**: 50 ден **Perforation**: comb 13½ **Run printing**: 10,000
	c		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #MK 759 **Date of issue**: 10-05-2016 **Stamp size**: ??×?? mm **Face value**: 50 ден **Perforation**: comb 13½ **Run printing**: 10,000
	d		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #MK 761 **Date of issue**: 10-05-2016 **Stamp size**: ??×?? mm **Face value**: 50 ден **Perforation**: comb 13½ **Run printing**: 10,000
Madeira	**e**		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #PT-MD 364 **Date of issue**: 09-05-2016 **Stamp size**: 40×30.6 mm **Face value**: 0.75 € - Euro **Perforation**: syncopated13 **Run printing**: 195,000

[iv] *We maintain our previous remark, because Macedonia postal administration really use the official EUROPA text and logo*

Table 9. Technical characteristics for the "Think green!" stamps (XV)

Post office	ID	Stamps design	Stamps description
Malta	**a**		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #MT 1927 **Date of issue**: 09-05-2016 **Stamp size**: 44×31 mm **Face value**: 0.59 € - Euro **Perforation**: comb 14 **Run printing**: 52,800
	b		**Series**: postal administration brand **Designer**: Sean Cini **Catalog codes**: Mi #MT 1928 **Date of issue**: 09-05-2016 **Stamp size**: 44×31 mm **Face value**: 2.19 € - Euro **Perforation**: comb 14 **Run printing**: 35,200

Post office	ID	Stamps design	Stamps description
Moldova	c		**Series**: postal administration brand **Designer**: Natalia Meleru **Catalog codes**: Mi #MD 948 **Date of issue**: 05-04-2016 **Stamp size**: 46×27.5 mm **Face value**: 5.75 L - Moldovan leu **Perforation**: comb 14×14½ **Run printing**: 121,000
	d		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #MD 949 **Date of issue**: 05-04-2016 **Stamp size**: 46×27.5 mm **Face value**: 9.50 L - Moldovan leu **Perforation**: comb 14×14½ **Run printing**: 121,000
Monaco	e		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #MC 3294 **Date of issue**: 09-05-2016 **Stamp size**: 41×30 mm **Face value**: 1 € - Euro **Perforation**: comb 13¼ **Run printing**: 50,000

Table 10. Technical characteristics for the "Think green!" stamps (XV)

Post office	ID	Stamps design	Stamps description
Montenegro	a		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #ME 387 **Date of issue**: 09-05-2016 **Stamp size**: ??×?? mm **Face value**: 0.95 € - Euro **Perforation**: comb 13¼ **Run printing**: 50,000
Nagorno-Karabakh (Armenian post)	b		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #AZ-NK 116 **Date of issue**: 01-04-2016 **Stamp size**: 46×27.5 mm **Face value**: 350 Armenian dram **Perforation**: comb 14×14½ **Run printing**: unknown
	c		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #AZ-NK 117 **Date of issue**: 01-04-2016 **Stamp size**: 46×27.5 mm **Face value**: 350 Armenian dram **Perforation**: comb 14×14½ **Run printing**: unknown

| Netherland | d | | **Series**: official design adapted
Designer: Doxia Sergidou
Catalog codes: Mi #NL 3457
Date of issue: 25-04-2016
Stamp size: 36×25 mm
Face value: No face value
Perforation: comb 13¼×13½
Run printing: 450,000 |
| | e | | **Series**: postal administration brand
Designer: ???
Catalog codes: Mi #NL 3458
Date of issue: 25-04-2016
Stamp size: 36×25 mm
Face value: No face value
Perforation: comb 13¼×13½
Run printing: 450,000 |

Table 11. Technical characteristics for the "Think green!" stamps (XVI)

Post office	ID	Stamps design	Stamps description
Norway	a		**Series**: postal administration brand **Designer**: Enzo Finger **Catalog codes**: Mi #NO 1912 **Date of issue**: 09-05-2016 **Stamp size**: ??×?? mm **Face value**: 14 Norwegian krone **Perforation**: comb 14 **Run printing**: 400,000
	b		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #NO 1913 **Date of issue**: 09-05-2016 **Stamp size**: ??×?? mm **Face value**: 18 Norwegian krone **Perforation**: comb 14 **Run printing**: 400,000
Poland	c		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #PL 4831 **Date of issue**: 09-05-2016 **Stamp size**: 43×31.25 mm **Face value**: 5 zł - Polish złoty **Perforation**: syncopated 11½ **Run printing**: 225,000
Portugal	d		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #PT 4134 **Date of issue**: 09-05-2016 **Stamp size**: 40×30.6 mm **Face value**: 0.75 € - Euro **Perforation**: syncopated 13 **Run printing**: 195,000

	e		**Series**: postal administration brand **Designer**: Victor Telibasa **Catalog codes**: Mi #RO 7067 **Date of issue**: 04-05-2016 **Stamp size**: 48×33 mm **Face value**: 5 L - Romanian leu **Perforation**: comb 13¼ **Run printing**: 24,120
Romania			

Table 12. Technical characteristics for the "Think green!" stamps (XVII)

Post office	ID	Stamps design	Stamps description
Romania	a		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #RO 7068 **Date of issue**: 04-05-2016 **Stamp size**: 48×33 mm **Face value**: 12 L - Romanian leu **Perforation**: comb 13¼ **Run printing**: 17,720
San Marino	b		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #SM 2656 **Date of issue**: 10-03-2016 **Stamp size**: 40×30 mm **Face value**: 1 € - Euro **Perforation**: comb 13×13¼ **Run printing**: 50,400
Serbia	c		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #SR 667 **Date of issue**: 09-05-2016 **Stamp size**: ??×?? mm **Face value**: 69 din - Serbian dinar **Perforation**: comb 13½ **Run printing**: 100,000
	d		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #SR 668 **Date of issue**: 09-05-2016 **Stamp size**: ??×?? mm **Face value**: 100 din - Serbian dinar **Perforation**: comb 13½ **Run printing**: 45,000
Slovakia	e		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #SK 789 **Date of issue**: 05-05-2016 **Stamp size**: 26.5×44.1 mm **Face value**: 0.90 € - Euro **Perforation**: comb 11¾×11¼ **Run printing**: 200,000

Table 13. Technical characteristics for the "Think green!" stamps (XVII)

Post office	ID	Stamps design	Stamps description
Slovenia	a		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #SI 1199 **Date of issue**: 27-05-2016 **Stamp size**: 43×31 mm **Face value**: 0.64 € - Euro **Perforation**: comb 14 **Run printing**: 50,000
	b		**Series**: postal administration brand **Designer**: Gorazd Učakar, Edi Berk **Catalog codes**: Mi #SI 1200 **Date of issue**: 27-05-2016 **Stamp size**: 43×31 mm **Face value**: 0.97 € - Euro **Perforation**: comb 14 **Run printing**: 50,000
Spain	c		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #ES 5067 **Date of issue**: 22-04-2016 **Stamp size**: 35×24.5 mm **Face value**: No face value (tarif A) **Perforation**: comb 13 **Run printing**: unknown
Sweden	d		**Series**: official design adapted **Designer**: D. Sergidou, E. Wilsson **Catalog codes**: Mi #SE 3093 **Date of issue**: 14-01-2016 **Stamp size**: 36.6×26.5 mm **Face value**: 14 kr - Swedish krona **Perforation**: comb 13×13½ **Run printing**: unknown
Switzerland	e		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #CH 2452 **Date of issue**: 12-05-2016 **Stamp size**: 40×32.5 mm **Face value**: 100 Swiss centime **Perforation**: comb 13½ **Run printing**: 435,000

Table 14. Technical characteristics for the "Think green!" stamps (XVIII)

Post office	ID	Stamps design	Stamps description
Switzerland	a		**Series**: postal administration brand **Designer**: N. Carpi, D. Christ **Catalog codes**: Mi #CH 2453 **Date of issue**: 12-05-2016 **Stamp size**: 40×32.5 mm **Face value**: 100 Swiss centime **Perforation**: comb 13½ **Run printing**: 435,000

Trukey[v]	b		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #TR 4260 **Date of issue**: 09-05-2016 **Stamp size**: 38×38 mm **Face value**: 1.40+0.10 £ **Perforation**: comb 13¼ **Run printing**: 100,000
	c		**Series**: postal administration brand **Designer**: ??? **Catalog codes**: Mi #TR 4261 **Date of issue**: 09-05-2016 **Stamp size**: 38×38 mm **Face value**: 1.40+0.10 £ **Perforation**: comb 13¼ **Run printing**: 100,000
Ukraine	d		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #UA 1540 **Date of issue**: 15-04-2016 **Stamp size**: 40×28 mm **Face value**: No face value **Perforation**: comb 14×14¼ **Run printing**: 99,000
Vatican	e		**Series**: official design adapted **Designer**: Doxia Sergidou **Catalog codes**: Mi #VA 1873 **Date of issue**: 10-05-2016 **Stamp size**: 40×30 mm **Face value**: 0.95 € - Euro **Perforation**: comb 13¾ **Run printing**: 360,000

[v] *We publish the Turkish stamps in our table, but we don't consider them as EUROPA stamps, because Turkish postal administration don't use the official EUROPA logo, nor the word EUROPA*

4. CONCLUSION

In the context in which the internet has directly and significantly placed its footprint on postal activity around the world, reducing it constantly and thoroughly, we have tried to emphasize the good parts that the postal administrations have had and still have through their activity on who carries it out. Otherwise, the postal administrations can promote their own issues through the initiatives and common programs, including through the online environment, the proof being that the show itself is the subject of the study.

Through the philatelic pieces, in a very large number of pictorial data, we expose, something that has not been included in our philatelic studies so far. It can be highlighted that philately, especially in this study, is capable of being an embassy of environmental protection. We promised ourselves to continue the research in the philately area, with the discussion of the first day covers (FDCs) and other philatelic products and documents. Through this study and this initiative we want to support, once more, the flame of thematic philately, which has been overshadowed by new information technologies, which we consider beneficial, but which we consider also to have compromised the privacy of the act of communication.

COMPETING INTERESTS

Authors have declared that no competing interests exist.

REFERENCES

1. Mesaroș M, Cioruța B, Coman M, Protected natural heritage on route from

philosophy to environment engineering, Scientific Bulletin of North University Center of Baia Mare, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology & Environmental Engineering. Baia Mare. 2018;32(1):63-72.

2. Pop AL, Cioruța B, Coman M, Considerations regarding the implications of philately in ecological education, Scientific Bulletin of North University Center of Baia Mare, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology & Environmental Engineering. Baia Mare. 2017;31(1):57-62.

3. Cioruța B, Pop AL, Coman M, Lauran A, Implications of philately in promoting the protected natural areas (I): Ceahlău National Park, Scientific Bulletin of North University Center of Baia Mare, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology & Environmental Engineering. Baia Mare. 2018;32(1):87-96.

4. Pop AL, Cioruța B, Coman M, Implications of philately in promoting the protected natural areas (II): "Pețea Creek" Natural Reservation, Scientific Bulletin of North University Center of Baia Mare, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology & Environmental Engineering. Baia Mare. 2018;32(2):43-52.

5. Cioruța B, Pop AL, Coman M. Enhancing and Conservation of Ecosystem through Philatelic Education in Europe: the Think Green concept (I) - Stamp Research Study, Asian Journal of Environment & Ecology. Science Domain International. (under paper review); 2020.

6. Anonymous. Ecology in Europe - Think Green stamps. Isle of Man Post Office. [Accessed 17 March 2020] Available: https://www.iompost.com/media-centre/isle-of-man-stamps-coins-imagery/2016%20Collections/ecology-in-europe---think-green

7. Anonymous. "Ecology in Europe - Think Green". Europa stamps; 2016. [Accessed 17 March 2020] Available:http://europa-stamps.blogspot.com/2015/08/europa-stamps-2016.html

8. Available:https://colnect.com/en/stamps/countries/theme/3291-CEPT_Europe/year/2016

9. Available:peterstamps.com/catalog/20/year/2016

10. Available:http://www.bmclean.co.uk/index.php?main_page=index&cPath=11_180_849_758

11. Available:www.stampworld.com/ro/maps/Europe

12. Available: https://www.wopa-plus.com

13. Available:https://colnect.com/en/stamps/list/country/99-Iceland/theme/3291-CEPT_Europe/year/2016

14. Available:https://www.stampworld.com/stamps/Iceland/Postage-stamps/g1470

15. Available:https://www.wopa-plus.com/en/stamps/product/&pid=27684

16. Available:https://colnect.com/en/stamps/list/country/104-Ireland/theme/3291-CEPT_Europe/year/2016

17. Available:https://www.stampworld.com/stamps/Ireland/Postage-stamps/g2166

18. Available:https://colnect.com/en/stamps/list/country/241-Isle_of_Man/theme/3291-CEPT_Europe/year/2016

19. Available:https://www.freestampcatalogue.com/stamps/history/europa-cept/country/isle-of-man/year/2016-2016/

20. Available:https://www.stampworld.com/stamps/Isle-of-Man/Postage-stamps/g2131

21. Available:https://colnect.com/en/stamps/list/country/106-Italy/theme/3291-CEPT_Europe/year/2016

22. Available:https://www.stampworld.com/stamps/Italy/Postage-stamps/g3912

23. Available:https://colnect.com/en/stamps/list/country/240-Jersey/theme/3291-CEPT_Europe/year/2016

24. Available:https://www.stampworld.com/stamps/Jersey/Postage-stamps/g2020

25. Available:https://colnect.com/en/stamps/list/country/110-Kazakhstan/theme/3291-CEPT_Europe/year/2016

26. Available:https://www.stampworld.com/stamps/Kazakhstan/Postage-stamps/g0966

27. Available:https://colnect.com/en/stamps/list/country/249-Kosovo/theme/3291-CEPT_Europe/year/2016

28. Available:https://www.stampworld.com/stamps/Kosovo/Postage-stamps/g0342

29. Available:https://www.stampworld.com/stamps/Kosovo/Postage-stamps/g0344

30. Available:https://colnect.com/en/stamps/list/country/118-Latvia/theme/3291-CEPT_Europe/year/2016

31. Available:https://www.stampworld.com/stamps/Latvia/Postage-stamps/g0996

32. Available:https://colnect.com/en/stamps/list/country/123-Liechtenstein/theme/3291-CEPT_Europe/year/2016

33. Available:https://www.stampworld.com/stamps/Liechtenstein/Postage-stamps/g1797

34. Available:https://www.wopa-plus.com/en/stamps/product/&pid=30377

35. Available:https://colnect.com/en/stamps/list/country/124-Lithuania/theme/3291-CEPT_Europe/year/2016

36. Available:https://www.stampworld.com/stamps/Lithuania/Postage-stamps/g1232

37. Available:https://www.wopa-plus.com/en/stamps/product/&pid=38063

38. Available:https://colnect.com/en/stamps/list/country/125-Luxembourg/theme/3291-CEPT_Europe/year/2016

39. Available:https://www.stampworld.com/stamps/Luxembourg/Postage-stamps/g2086

40. Available:https://www.wopa-plus.com/en/stamps/product/&pid=28059

41. Available:https://colnect.com/en/stamps/list/country/127-North_Macedonia/theme/3291-CEPT_Europe/year/2016

42. Available:https://www.stampworld.com/stamps/Macedonia/Postage-stamps/g0759

43. Available:https://www.stampworld.com/stamps/Macedonia/Postage-stamps/g0761

44. Available:https://www.stampworld.com/stamps/Macedonia/Postage-stamps/g0765

45. Available:https://colnect.com/en/stamps/list/country/399-Madeira_Islands/theme/3291-CEPT_Europe/year/2016

46. Available:https://www.stampworld.com/stamps/Madeira/Postage-stamps/g0365

47. Available:https://www.wopa-plus.com/en/stamps/product/&pid=28028

48. Available:https://colnect.com/en/stamps/list/country/133-Malta/theme/3291-CEPT_Europe/year/2016

49. Available:https://www.stampworld.com/stamps/Malta/Postage-stamps/g1927

50. Available:https://www.wopa-plus.com/en/stamps/product/&pid=28138

51. Available:https://colnect.com/en/stamps/list/country/141-Moldova/theme/3291-CEPT_Europe/year/2016

52. Available:https://www.stampworld.com/stamps/Moldova/Postage-stamps/g0954

53. Available:https://colnect.com/en/stamps/list/country/142-Monaco/theme/3291-CEPT_Europe/year/2016

54. Available:https://www.stampworld.com/stamps/Monaco/Postage-stamps/g3303

55. Available:https://colnect.com/en/stamps/list/country/244-Montenegro/theme/3291-CEPT_Europe/year/2016

56. Available:https://www.stampworld.com/stamps/Montenegro/Postage-stamps/g0396

57. Available:https://www.wopa-plus.com/en/stamps/product/&pid=45287

58. Available:https://colnect.com/ro/stamps/list/country/751-Artah_Karabahul_de_Munte/theme/3291-Europa_CEPT/year/2016

59. Available:https://colnect.com/en/stamps/list/country/151-Netherlands/theme/3291-CEPT_Europe/year/2016

60. Available:https://www.stampworld.com/stamps/Netherlands/Postage-stamps/g3456

61. Available:https://colnect.com/en/stamps/list/country/161-Norway/theme/3291-CEPT_Europe/year/2016

62. Available:https://www.stampworld.com/stamps/Norway/Postage-stamps/g1906

63. Available:https://colnect.com/en/stamps/list/country/172-Poland/theme/3291-CEPT_Europe/year/2016

64. Available:https://www.stampworld.com/stamps/Poland/Postage-stamps/g4839

65. Available:https://colnect.com/en/stamps/list/country/173-Portugal/theme/3291-CEPT_Europe/year/2016

66. Available:https://www.stampworld.com/stamps/Portugal/Postage-stamps/g4130

67. Available:https://www.wopa-plus.com/en/stamps/product/&pid=28022

68. Available:https://colnect.com/en/stamps/list/country/177-Romania/theme/3291-CEPT_Europe/year/2016

69. Available:http://www.stampworld.com/stamps/Romania/Postage-stamps/g7057

70. Available:https://www.wopa-plus.com/en/stamps/product/&pid=28312

71. Available:https://colnect.com/en/stamps/list/country/186-San_Marino/theme/3291-CEPT_Europe/year/2016

72. Available:http://www.stampworld.com/stamps/San-Marino/Postage-stamps/g2665

73. Available:https://colnect.com/en/stamps/list/country/245-Serbia/theme/3291-CEPT_Europe/year/2016

74. Available:http://www.stampworld.com/stamps/Serbia/Postage-stamps/g0676

75. Available:https://colnect.com/en/stamps/list/country/193-Slovakia/theme/3291-CEPT_Europe/year/2016

76. Available:http://www.stampworld.com/stamps/Slovakia/Postage-stamps/g0780

77. Available:https://colnect.com/en/stamps/list/country/194-Slovenia/theme/3291-CEPT_Europe/year/2016

78. Available:http://www.stampworld.com/stamps/Slovenia/Postage-stamps/g1024

79. Available:https://colnect.com/en/stamps/list/country/199-Spain/theme/3291-CEPT_Europe/year/2016
80. Available:http://www.stampworld.com/stamps/Spain/Postage-stamps/g5076
81. Available:https://www.wopa-plus.com/en/stamps/product/&pid=35914
82. Available:https://colnect.com/en/stamps/list/country/205-Sweden/theme/3291-CEPT_Europe/year/2016
83. Available:http://www.stampworld.com/stamps/Sweden/Postage-stamps/g3089
84. Available:https://colnect.com/en/stamps/list/country/206-Switzerland/theme/3291-CEPT_Europe/year/2016
85. Available:http://www.stampworld.com/stamps/Switzerland/Postage-stamps/g2446
86. Available:https://colnect.com/ro/stamps/list/country/217-Turcia/series/248679-Think_Green/year/2016
87. Available:http://www.stampworld.com/stamps/Turkey/Postage-stamps/g4274
88. Available:https://colnect.com/en/stamps/list/country/222-Ukraine/theme/3291-CEPT_Europe/year/2016
89. Available:http://www.stampworld.com/stamps/Ukraine/Postage-stamps/g1580
90. Available:https://colnect.com/en/stamps/list/country/95-Vatican_City/theme/3291-CEPT_Europe/year/2016
91. Available:http://www.stampworld.com/stamps/Vatican-City/Postage-stamps/g1872
92. Available:https://picclick.com/EUROPA-2016-Alania-2S-Sheet-impperf-362947144639.html
93. Available:https://picclick.com/EUROPA-2016-Crete-2S-Sheet-impperf-362947766792.html
94. Available:https://picclick.com/EUROPA-2016-Crimea-2S-Sheet-impperf-362947766185.html
95. Available:https://picclick.com/EUROPA-2016-Gagauzia-2S-Sheet-impperf-362947134115.html
96. Available:https://picclick.com/EUROPA-2016-isle-of-Arran-362947173433.html
97. Available:https://picclick.com/EUROPA-2016-isle-of-jethou-362947143348.html
98. Available:https://picclick.com/EUROPA-2016-isle-of-Mull-362947766527.html
99. Available:https://picclick.com/EUROPA-2016-Isles-of-Scilly-362947168945.html
100. Available:https://picclick.com/EUROPA-2016-isle-of-wight-362947141727.html
101. Available:https://picclick.com/EUROPA-2016-Nakhchivan-2S-Sheet-impperf-362947164727.html
102. Available:https://picclick.com/EUROPA-2016-Rep-Hrvatska-2S-Sheet-362947153353.html
103. Available:https://picclick.com/EUROPA-2016-Sardegna-2S-Sheet-impperf-362947138085.html
104. Available:https://picclick.com/EUROPA-2016-South-Ossetia-2S-Sheet-362947132487.html
105. Available:https://www.delcampe.net/en_US/collectibles/stamps/europa-cept/2016/europa-2016-isle-of-man-think-green-biosphere-serie-complete-5-val-neufs-mnh-425131295.html
106. Available:www.ebay.com/itm/Jersey-2016-FDC-Europa-Think-Green-4v-Set-Cover-Recycling-Conservation-Stamps/283628208163
107. Available:https://www.linns.com/news/us-stamps-postal-history/2016/april/europa-designs-think-green-world-stamps.html
108. Available:https://www.stampworld.com/stamps/Macedonia/Postage-stamps/g0761
109. Available:https://colnect.com/en/stamps/stamp/610497-EUROPA_2016_Think_Green-Europa_CEPT_2016_-_Think_Green-Moldova
110. Available:https://colnect.com/en/stamps/stamp/628625-Europa_2016_-_Think_green-Europa_CEPT_2016_-_Think_Green-Romania
111. Available:http://home.nestor.minsk.by/fsunews/kazakhstan/2016/kz966-7sh.html
112. Available:https://colnect.com/en/stamps/stamp/631143-Think_Green-Europa_CEPT_2016_-_Think_Green-Kosovo
113. Available:http://www.stampworld.com/stamps/Macedonia/Postage-stamps/g0765
114. Available:https://www.wopa-plus.com/en/stamps/product/&pid=28029
115. Available:https://www.wopa-plus.com/en/stamps/product/&pid=28033
116. Available:www.millsonstamps.com/eng/catalog/620
117. Available:https://colnect.com/en/stamps/stamp/643551-Europa-Europa_CEPT_2016_-_Think_Green-Vatican_City

APPENDIX

Fig. 6. "Think green!" block of 12 stamps from Kazakhstan postal administration
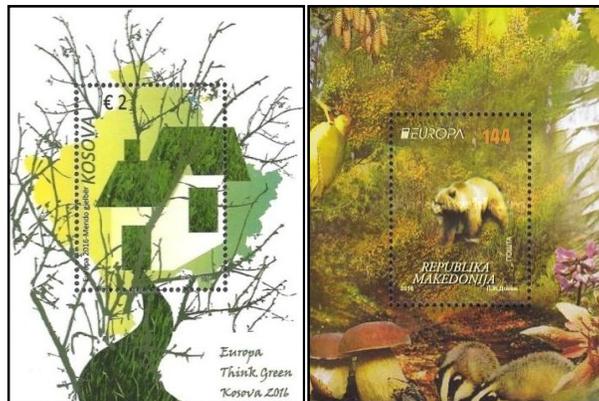

Fig. 7. "Think green!" commemorative souvenir sheets from Kosovo and Macedonia postal administration, 2016

Fig. 8. "Think green!" commemorative souvenir sheets from Madeira and Portugal postal administration, 2016

Fig. 9. "Think green!" blocks of 11 stamps & 1 label from Malta postal administration, 2016

Fig. 10. "Think green!" block of six from Vatican City postal administration, 2016