Greening Performance Report

FOR THE AGREEMENT OF 4 OCTOBER 2012
SIGNED WITH THE MINISTRY OF AGRICULTURE, FOOD AND ENVIRONMENT OF SPAIN
REPRESENTING THE GOVERNMENT OF SPAIN

For 2014, as of 31.12.2014

National Fund for Environmental Protection and Water Management
National Operator of the Green Investment Scheme
Climate Protection Department
Unit for Foreign Funds
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1. Summary

1.1. Background

The AAU Purchase Agreement between the State Treasury of the Republic of Poland, represented by the Minister of the Environment of the Republic of Poland, and the Ministry of Agriculture, Food and Environment of Spain representing the Government of Spain (further: "the Agreement") was concluded on 04.10.2012. The commercial value of the Agreement is EUR 40 755 080. The above amount was credited on the Climate Account owned by the National Fund for Environmental Protection and Water Management (NFOŚiGW), acting as the National Operator of the Green Investment Scheme on 15.11.2012. According to the decision of the Board of NFOŚiGW of 28.04.2010 concerning converting funds from the sale of AAUs to PLN, at the time of crediting EUR on the Climate Account, the funds were converted at the exchange rate of 1 EUR = 4.1430 PLN; the commercial value of the agreement was the equivalent of PLN 168 852 439.44.

Thanks to the Proceeds obtained as a result of entering into the Agreement, NFOŚiGW launched two priority programmes: (i) "GAZELLE" Programme - Low-emission Public Transport and (ii) "OWL" Programme - Energy Efficient Street Lighting. The Proceeds available under co-financing in both programmes broadened the offer for financing climate protection projects addressed to local government units and business units acting for the benefit of local governments.

1.2. Summary of the commitments arising from the Assigned Amount Unit (AAU) Purchase Agreement

The Agreement imposes on the Seller the obligation to disburse Proceeds¹ for Greening Activities under two eligible Greening Programmes, i.e.:

a) Greening Programme "Reduction in Consumption of Energy and Fuels in Public Transport; Replacement or Modernization of the Public Transport Fleet";

b) Greening Programme "Improvement in Energy Efficiency of External Lighting Systems; Replacement of External Lighting Sources; along with Fittings, Including Lighting Control System".

Up to 5% of Proceeds can be allocated for costs of implementing the National Green Investment Scheme, including:

a) Technical assistance for eligible Beneficiaries in preparation and development of Greening Activities;

b) Marketing and promotion of the Greening Programmes;

c) Management, implementation and administration of the Greening Plan and Greening Activities by the Seller or by the Operator of the Green Investment Scheme;

d) Monitoring, verification, supervision, reporting and audit, including external auditors and reviewers.

The Agreement sets out the following dates for fulfilment of the obligations:

- period of Greening Activity implementation and disbursing the total amount of Proceeds until 31.12.2015 with a possibility of prolonging until 31.12.2016 if, as a result of the Call for Proposals,
the required number of applications equivalent to the amount of available Proceeds (Greening Plan, Part 1 Article 4) would not be submitted;

- period of Greening Activity monitoring until 31.12.2016 with a possibility of prolonging until 31.12.2017 if, as a result of the Call for Proposals, the required number of applications equivalent to the amount of available Proceeds (Greening Plan, Part 1 Article 4) would not be submitted.

In addition, when the allocated Proceeds are released due to reduced costs of Greening Activity after the completion of tenders or after completion of the Greening Activities, it is possible to prolong the period of disbursing Proceeds and the deadline for completion of the investment involving the concerned Proceeds by an additional period of 2 years (Greening Plan, Part III Article 13 (a) (xii)).

1.3. Calls for Proposals

The Greening Programmes, listed in the Greening Plan attached as Appendix to the Agreement, are implemented by priority programmes prepared by NFOŚiGW. Greening Programme "Reduction in Consumption of Energy and Fuels in Public Transport; Replacement or Modernization of the Public Transport Fleet" is implemented as Priority Programme GIS Part 7) GAZELLE – Low-emission Public Transport and greening programme “Improvement in Energy Efficiency of External Lighting Systems; Replacement of External Lighting Sources; along with Fittings, Including Lighting Control System” as Priority Programme GIS Part 6) OWL – Energy Efficient Street Lighting.

The procedure of a call for proposals for co-financing under both priority programmes applied by the NFOŚiGW was a competitive procedure, according to the provisions of the Act of 17 July 2009 on the system for managing emissions of greenhouse and other substances (Journal of Laws No.130 item 1070 as amended) (further: "the Act GIS" or "the Act").

The selection of the Greening Activities was made in accordance with the procedures specified in the Act GIS.

1.3.1 GAZELLE – Low-emission Public Transport Programme

NFOŚiGW announced the Call for proposals for co-financing under the 1st Call for Proposals of the priority programme entitled: Green Investment Scheme (GIS) Part 7) GAZELLE – Low-emission Public Transport on 31.12.2012. The Call was performed in the period from 01.03.2013 to 02.04.2013².

1.3.2 OWL – Energy Efficient Street Lighting Programme

NFOŚiGW announced the call for proposals for co-financing under the 1st call of the priority programme entitled: Green Investment Scheme (GIS) Part 6) OWL – Energy Efficient Street Lighting on 31.12.2012. The Call was performed in the period from 01.04.2013 to 30.04.2013³.

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² Detailed information about the call can be found in the Greening Performance Report for the year 2013
³ Detailed information about the call can be found in the Greening Performance Report for the year 2013
2. Performance of Calls for Proposals

2.1 GAZELLE – Low-emission Public Transport Programme

As a result of evaluation\(^4\), NFOŚiGW developed a ranking list with 17 projects fulfilling the formal and substantive requirements, ordered according to the selection criterion. On 17.04.2014, the Board of NFOŚiGW approved the Ranking List of projects eligible to co-financing under the 1st Call for proposals of the priority programme "Green Investment Scheme (GIS). Part 7) GAZELLE - Low-emission Public Transport" with breakdown into the basic and reserve ranking list. According to the Regulations of the Call, in the case when the sum of the applied co-financing for Projects on the draft ranking list exceeds available funds of the allocation designed for the Call, the ranking list is divided into: the basic ranking list and the reserve ranking list, by placing on the reserve list Greening Activities (Projects) whose co-financing is not possible due to the available budget of the Call. The basic ranking list includes two Greening Activities with requested co-financing of PLN 80 962 300 towards the available budget for co-financing in the form of grants of PLN 80 million\(^5\). The reserve list includes 15 Greening Activities applying for co-financing in the amount of PLN 335 437 263\(^6\).

Co-financing for Greening Activities on the basic list was approved first by the Board of NFOŚiGW on 12.08.2014 and then, by the Supervisory Board of NFOŚiGW on 19.08.2014. On 28.08.2014, the Board of NFOŚiGW approved the basic ranking list for Greening Activities eligible for co-financing in the aforementioned Call after the negotiations on the co-financing terms. On 16.09.2014, the Minister of the Environment accepted the Ranking List with a positive opinion of the Consultative Council of 05.09.2014.

Agreements for co-financing with GIS grants were concluded with two beneficiaries of the Call in October 2014; total co-financing amount is PLN 80 million, including PLN 40 million are funds from the Climate Account.

2.2. OWL – Energy Efficient Street Lighting Programme

Approval by the Board of NFOŚiGW in September 2013 of the ranking list including 38 Greening Activities eligible to co-financing from the Proceeds funds on the Climate Account\(^7\) made it possible to conduct negotiations with the aforementioned applicants; during the negotiations, several applicants resigned from applying for co-financing. Finally, agreeing on the detailed conditions of granting the co-financing was completed with drawing up partial ranking lists of Greening Activities eligible to co-financing from the Proceeds on the Climate Account approved by the Board of the NFOŚiGW and by the Supervisory Board. The Minister of the Environment approved the

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\(^4\) Detailed information about the screening of applications can be found in the Greening Performance Report for the year 2013

\(^5\) The amount of PLN 80 million consists of PLN 40 million from the Climate Account and PLN 40 million from other funds of the National Fund for Environmental Protection and Water Management

\(^6\) Lists: basic and reserve lists were published on the website of the National Fund for Environmental Protection and Water Management http://www.nfosigw.gov.pl/oferta-financowo/gazelle-

\(^7\) Detailed information about the evaluation of applications can be found in the Greening Performance Report for the year 2013; the ranking list was published on the website of the National Fund for Environmental Protection and Water Management http://www.nfosigw.gov.pl/sistema-zielonych-inwestycji-gazelle-konkursy/

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aforementioned partial lists on 03.01.2014 and 31.03.2014, respectively, in each case after seeking the opinion of the Consultative Council. The total value of the approved co-financing was PLN 87 204 253.31 towards the total cost of Greening Activities (Projects) of PLN 193 222 295.00. On 06.06.2014, NFOŚiGW concluded the last of 32 agreements for co-financing with GIS grant for the total amount of PLN 86 881 628.87.

3. Description of the Greening Activities co-financed by the Proceeds on the Climate Account

3.1 GAZELLE – Low-emission Public Transport Programme

The beneficiaries of the 1st Call for proposals of GAZELLE Programme are: Miejskie Przedsiębiorstwo Komunikacyjne Sp. z o.o. (Municipal Transport Company Ltd, MPK Sp. z o.o.) in Częstochowa and Municipality of Gdynia.

The agreement with MPK Sp. z o.o. in Częstochowa, concerning co-financing with GIS grant of PLN 65 950 000, equal to 100% of eligible costs, was concluded on 17.10.2014. The agreement with the Municipality of Gdynia for co-financing of PLN 14 050 000 was concluded on 22.10.2014. Owing to the limited budget of the competition, in the event of the agreement concluded with the Municipality of Gdynia, co-financing from GIS accounts for 93.5% of eligible costs.

The scope of works of the agreement concluded with MPK Sp. z o.o. in Częstochowa includes purchase of 40 hybrid buses powered by CNG and training of 350 drivers in the service of purchased buses. MPK Sp. z o.o. in Częstochowa informed on 24.11.2014 about the completion of the tender procedure and selection of the contractor - Lider Trading Sp. z o.o. (Solbus).

The scope of works of the agreement concluded with the Municipality of Gdynia includes purchase of 10 hybrid buses powered by CNG and training of 25 drivers. The date of announcing results of the tender procedure conducted by Municipality of Gdynia was shifted a couple of times due to numerous questions relating to the subject of the order and the need to provide explanations by the Municipality of Gdynia. Finally, the date of announcing results of the tender procedure was set at 07.01.2015.

3.2. OWL – Energy Efficient Street Lighting Programme

The NFOŚiGW concluded agreements for co-financing in the form of grants in the total amount of PLN 86 881 628.87 with 32 beneficiaries of the 1st OWL Programme Call for Proposals. The scope of works of the Greening Activities covered by the co-financing agreements is related to modernization of street lighting systems. The scope of individual projects is diverse and, in line with the provisions of the priority programme and includes: replacement of light source, replacement of fittings, starting switches, feeding cables, poles; installation of new light points under modernized lighting lines (if it is necessary for fulfillment of the PN EN 13201 standard), installation of devices for intelligent lighting control, installation of controllable systems of power reduction and power supply stabilization. The scope of 32 Greening Activities with granted co-financing includes replacement altogether of 73 348 fittings (to sodium and/or LED).

List of beneficiaries, Greening Activities co-financed with GIS grant and their scope of works is presented in Appendix, in Table 8.1, entitled Table describing the Greening Activities co-financed with the Proceeds on the Climate Account.
4. Financial performance of the Greening Activities

The total amount of disbursements in the period from the effective term of the Agreement until the end of 2014 was PLN 13 297 499.56 and accounted for 7.5% of the Proceeds with interest. Payments from the Climate Account, including payments for beneficiaries and costs of the National Operator of the Green Investment Scheme, made in the period from 01.01.2014 to 31.12.2014, amounted to total PLN 13 215 406.26.

As of 31.12.2014, the total value of grants according to the agreements concluded for co-financing of 34 Greening Activities (together for OWL and GAZELLE Programmes) was PLN 122 526 570.59. Payments related only to the projects being implemented under the OWL Programme. The total amount of grants paid in 2014 was PLN 13 187 548.81; accounting for 10.8% of the total co-financing amount.

The total amount of payments until the end of 2014 under the limit for technical assistance was PLN 109 950.75, i.e. 1.23% of the limit of PLN 8 799 162.04. In 2014, payments for this purpose accounted for PLN 27 857.45.

Detailed information about financial performance of Greening Activities is given in Appendix, in Table 8.2, entitled Table of financial performance of the Greening Activities.

4.1. Costs of the Greening Activities

As of 31.12.2014, total cost - all 34 co-financed Greening Activities implemented under both priority programmes covered by the Agreement amounted to PLN 284 184 595.00. On the other hand, eligible cost, according to the concluded co-financing agreements, amounted to PLN 264 497 367.44.

Already after concluding the agreements for co-financing with GIS grant in 2014, two beneficiaries of the OWL Programme (Lełów Gmina and Ostrowiec Świętokrzyski Gmina) applied for increasing the co-financing amount with GIS grant arising from increased total cost (and eligible cost) of the project, resulting from change in the scope of the project. The total amount of increase in co-financing was PLN 753 951.00.

4.1.1 GAZELLE – Low-emission Public Transport Programme

As of 31.12.2014, the total value of Proceeds allocated for two Greening Activities under the GAZELLE Programme was PLN 40 000 000. The total cost of the Greening Activities co-financed under the GAZELLE Programme was PLN 80 962 300.00; and the eligible cost according to the concluded agreements was PLN 80 962 300.00.

4.1.2 OWL – Energy Efficient Street Lighting Programme

As of 31.12.2014, the total value of Proceeds allocated for the Greening Activities co-financed under the OWL Programme was PLN 82 526 579.59. As of 31.12.2014, the total cost of 32 Greening Activities co-financed under the OWL Programme amounted to PLN 193 222 295.00, the eligible cost according to the concluded agreements amounted to PLN 183 535 067.44.

4.2. Transfer of the Proceeds to Beneficiaries

Together in 2014, for the benefit of beneficiaries in the form of grants the amount of PLN 13 187 548.81 was paid, accounting for 10.76% of the total value of grants and 7.4% of
Proceeds increased by accrued interest. Owing to the progress in the implementation of particular Projects, payments were made only for beneficiaries of the OWL programme.

4.2.1 GAZELLE – Low-emission Public Transport Programme

In 2014, no payments were made for the benefit of the GAZELLE Programme Beneficiaries.

4.2.2. OWL – Energy Efficient Street Lighting Programme

The first payments in the form of grants were made in the 3rd quarter 2014. The total amount of payments of grants to the OWL Programme Beneficiaries was PLN 13 187 548.81, including PLN 8 210 651.53 being the total amount of grants granted to nine beneficiaries8 who completed implementation of the Projects in 2014. The amount of payments accounted for 15.98% of the liabilities according to the agreements concluded under this programme.

4.3. Use of the Proceeds for administrative purposes

Within the amount of 5% of the received Proceeds with interest that can be allocated for costs of implementing the Green Investment Scheme (as of 31.12.2014, in the amount of PLN 8 909 112.79), total amount of PLN 109 950.75 was disbursed, accounting for approx. 7.5% the granted limit. In 2014, to cover costs of implementation of the National Green Investment Scheme the amount of PLN 27 857.45 was allocated. Paid Proceeds covered the costs of: verification of the annual Greening Performance Report for the year 2014 (PLN 24 034.20); preparation of the financial report for the year 2014 (PLN 3 185.70 ) and translation of the financial report and of the Greening Performance Report into English.

5. Greening Effect

Achieving the environmental effect of the co-financed Greening Activities (Projects) is confirmed after the end of the monitoring of environmental effects achieved in the period of the full calendar year (January-December), after the end of the Greening Activity (Project) implementation. The Beneficiaries are obliged to conduct monitoring of the achieved effects and to document the volume of the achieved environmental effect by submitting a relevant monitoring report. The report is verified by an independent verifier and the requirements that must be met both by report and opinion on its verification are defined in the "Greening Effect Method" prepared for the purposes of implementation of the National Green Investment Scheme.

With regard to Greening Activities which implementation ends during a calendar year, the beneficiaries are obliged to gather data – the so-called interim data, in the year of completing the implementation. In the case of "interim data", monitoring comprises the period from the day of completing the Project implementation until the last day of the calendar year and is treated indicatively.

According to the concluded co-financing agreements, the planned total environmental effect of the implementation of Greening Activities under the GAZELLE Programme and the OWL Programme, defined as reduction in CO2 emission, amounts to: 29 791.25 Mg CO2/year.

Information about the environmental effect planned to be obtained as a result of the implementation of particular Greening Activities is included in Appendix. In Table 9.3, entitled Table of environmental effects.

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8 City of Sanok, City of Otwock, City of Hajnówka, City of Konin, City of Józefów, Augustów Gmina, Charznica Gmina and Municipality of Kętrzyn

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Greening performance report for the Agreement of 4 October 2012 concluded with the Government of Poland
Owing to the fact that the above value applies only to part of the full reporting period, it cannot be used to compare with the planned value or to calculate the final, confirmed Greening Ratio.

5.1GAZELLE – Low-emission Public Transport Programme

The volume of environmental effect planned to be obtained under the Priority Programme GAZELLE – Low-emission Public Transport was estimated at 828 Mg CO₂/year.

The environmental effect to be brought by the implementation of the Greening Activity implemented by MPK Sp. z o.o. in Częstochowa is 851 Mg CO₂/year, whereas the anticipated environmental effect of the Greening Activity implementation by the Municipality of Gdynia is 314 Mg CO₂/year. It is estimated that implementation of both aforementioned Projects would give total reduction in emissions of CO₂ of 1165 Mg CO₂/year. The date of achievement of environmental effect indicated in the co-financing agreements in the case of both aforementioned Greening Activities is 31.12.2016.

5.2OWL – Energy Efficient Street Lighting Programme

The volume of environmental effect planned to be obtained under the Priority Programme OWL – Energy Efficient Street Lighting was estimated at 50 000 Mg CO₂/year (towards assumed co-financing in the form of grants of PLN 160 million). It is estimated that implementation of 32 co-financed Projects will bring effect in the form of total limitation or reduction in emission by 28 626.25 MgCO₂/year (the effect is proportionally lower to the reduced total amount of grant).

In 2014, the implementation of nine Projects was completed. Beneficiaries who obtained co-financing for these Projects were obliged to submit to the NFOŚiGW reports on monitoring environmental effects in 2015. These are Interim reports and refer to a period from one to five months 2014; total environmental effect for the above nine Projects amounted to 1 787.55 Mg CO₂/year. In addition, the implementation of these projects resulted in savings on consumption of electricity of 1 605.32 MWh/year.

6. Environmental due diligence

The environmental requirements, formulated in the Call for Proposals documentation of the Calls under both Programmes, and the manner of verification of their fulfilment were described in the Greening Performance Report for the year 2013.

In the case of the Call under the Greening Programme concerning low-emission public transport, the applicants were obliged to submit copies of the building permit bearing the clause certifying permit validation along with an application for co-financing. Documents recognized as confirmation of conducting environmental impact assessment procedure, if was required, were the copies of: decision on environmental conditions of a permit for implementing the investment along with appendix or decision of an authority on the lack of necessity of the aforementioned decision and certificate issued by the relevant Regional Director for Environmental Protection on the lack of impact of the Investment on the Natura 2000 areas.

In the case of the Call under the Greening Programme concerning Energy Efficient street lighting, it was necessary to specify information on location of Project, for instance in a national park, protection zone of a national park, Natura 2000 area, natural reserve park, landscape park or other protected areas of international importance, health resorts, etc.
7. Main activities of the National Operator

7.1 Green Investment Scheme implementation issues addressed by the National Operator

The below comment applies to activities undertaken by the NFOŚiGW in 2014 and aimed at use of the Proceeds under the Agreement to secure their disbursement.

Reallocation of the Proceeds unused under the OWL Programme to the GAZELLE Programme

The total amount of grant allocated for co-financing of the eligible Greening Activities within the 1st Call of the OWL Programme, as a result of acceptance of the Minister of the Environment (PLN 87 204 253.31), pointed to partial allocation of Proceeds under the Agreement meant for grants in the Greening Programme concerning improving energy efficiency of external lighting systems (PLN 160 million, including PLN 120 million from the Proceeds on the Climate Account). At the same time, the total amount of the concerned co-financing under the 1st Call of the GAZELLE programme, exceeded definitely the Call budget (PLN 336 399 563, including PLN 80 962 300 for projects on the basic list and PLN 255 437 263 for projects on the reserve list; budget: PLN 80 million, including PLN 40 million from the funds on the Climate Account).

The National Fund for Environmental Protection and Water Management, after settlement of the Calls under the GAZELLE and OWL Programmes, initiated activities aimed to allocate all Proceeds acquired as a result of concluding the Agreement, by applying to the Minister of the Environment for the Buyer's consent to reallocating Proceeds from the OWL Programme to the GAZELLE Programme. On 14.03.2014, the National Fund for Environmental Protection and Water Management submitted to the Minister of the Environment an optional proposal of activities aimed at full use of the Proceeds under the Agreement including the accrued interest. In the assumption, the Buyer’s consent to reallocating Proceeds to the GAZELLE Programme would make it possible to increase co-financing to the beneficiary Municipality of Gdynia to 100% of eligible costs, i.e. up to the amount of PLN 15 012 300 (in accordance with boundary conditions of the Priority Programme), and to grant partial co-financing (approx. 65%) to the project whose co-financing was requested by Miejskie Zakłady Autobusowe Sp. z o.o. (Municipal Bus Company Ltd) in Warsaw (application for co-financing with grant of PLN 80 million). The Minister of the Environment accepted the option consisting in reallocation of the unused Proceeds from the OWL Programme to the GAZELLE Programme (letter of 03.04.2014).

On 28.04.2014, the Buyer notified the Ministry of the Environment of initial consent to reallocating Proceeds unallocated under the OWL Programme to the GAZELLE Programme. As a result of detailed agreements between the National Fund for Environmental Protection and Water Management and the Ministry of the Environment, the proposed amount of reallocation to the GAZELLE Programme of PLN 49 022 900 was estimated on the basis of the balance on the sub-account of the Climate Account and the progress in performance of the Agreement as of 30.09.2014. It was applied for reallocating the aforementioned amount together with interest accrued on the Proceeds on the Climate Account9.

In accordance with the position of the Buyer, the formal application for consent to reallocating Proceeds unallocated under the OWL Programme was submitted to the Ministry of Agriculture, Food and Environment of Spain by the Undersecretary of State of the Ministry of the Environment after concluding all co-financing agreements with beneficiaries of the 1st Call of the OWL Programme. On 23.10.2014, the Buyer gave consent to reallocating to the GAZELLE Programme the

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9 As of 30 September 2014
amount proposed by the Polish party, together with interest on the Proceeds on the Climate Account and interest to be accrued in the future.

**Change of the Greening Activities Completion Date and Proceeds Disbursement Date under the GAZELLE Programme**

The provisions of the agreements specify the date for completion of Greening Activities implementation and the date for disbursing the Proceeds at 31.12.2015. The beneficiaries of the GAZELLE Programme i.e. MPK Sp. z o.o. in Częstochowa, Municipality of Gdynia and MZA Sp. z o.o. in Warsaw, indicated the need for shifting the deadline for investment completion as the following: MPK Sp. z o.o. in Częstochowa and the Municipality of Gdynia indicated the year 2016. Similarly, MZA Sp. z o.o. in Warsaw, referring to the possibility of obtaining the grant from the GAZELLE Programme, indicated the necessity of ensuring 16-18 months necessary for design, development and homologation of buses in the case when the tender procedure was won by the Polish manufacturer. In view of the foregoing, the National Fund for Environmental Protection and Water Management on 08.12.2014 applied to the Minister of the Environment for applying to the Buyer for prolonging the deadline for completion of Greening Activities and disbursing the Proceeds at least until 31.12.2016 and optimally to until 31.12.2017. Until the end of 2014, no decision was made in this case.

### 7.2 Other activities related to managing the Green Investment Scheme

Not applicable

Date and signature of the person who prepared the report: 24.6.2015

Date and signature of the person who accepted the report: 24.06.2015

Date and signature of the person who accepted the report: 26.06.2015

Date and signature of the person who approved the report: 2015-06-29

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## 8. Appendices

### 8.1. Table describing the Greening Activities that received co-financing from the Oceans Proceeds Account

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Location</th>
<th>Description of greening activity</th>
<th>Co-financing from Oceans Proceeds Account (€)</th>
<th>Year</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>14/11/2008</td>
<td>City of Santa Cruz</td>
<td>Improvement of street lighting within the city center</td>
<td>1,281</td>
<td>2008-12-31</td>
<td>completed</td>
</tr>
<tr>
<td>2</td>
<td>17/05/2006</td>
<td>City of Dakar</td>
<td>Improvement of street lighting within the city center</td>
<td>1,495</td>
<td>2006-05-15</td>
<td>completed</td>
</tr>
<tr>
<td>3</td>
<td>10/11/2004</td>
<td>City of Bamako</td>
<td>Modernization of street lighting within the city center</td>
<td>5,104</td>
<td>2004-11-12</td>
<td>completed</td>
</tr>
<tr>
<td>4</td>
<td>22/01/2014</td>
<td>City of Luanda</td>
<td>Modernization of street lighting in Luanda province</td>
<td>2,618</td>
<td>2014-02-01</td>
<td>pending</td>
</tr>
<tr>
<td>5</td>
<td>18/09/2009</td>
<td>City of Mombasa</td>
<td>Modernization of street lighting in Mombasa province</td>
<td>4,411</td>
<td>2009-09-30</td>
<td>pending</td>
</tr>
<tr>
<td>6</td>
<td>18/05/2008</td>
<td>City of N'Djamena</td>
<td>Modernization of street lighting within the city center</td>
<td>1,096</td>
<td>2008-05-30</td>
<td>completed</td>
</tr>
<tr>
<td>7</td>
<td>15/05/2014</td>
<td>City of Kinshasa</td>
<td>Modernization of street lighting in Kinshasa province</td>
<td>4,597</td>
<td>2014-05-15</td>
<td>completed</td>
</tr>
<tr>
<td>8</td>
<td>18/01/2017</td>
<td>City of Maputo</td>
<td>Modernization of street lighting in Maputo province</td>
<td>3,305</td>
<td>2017-01-15</td>
<td>completed</td>
</tr>
<tr>
<td>9</td>
<td>17/05/2014</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>6,297</td>
<td>2014-05-15</td>
<td>completed</td>
</tr>
<tr>
<td>10</td>
<td>20/01/2015</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>2,412</td>
<td>2015-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>11</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>3,641</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>12</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>2,759</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>13</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>2,223</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>14</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>3,254</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>15</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>2,025</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>16</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>1,282</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>17</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>1,084</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>18</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>982</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>19</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>635</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>20</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>520</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>21</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>220</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
<tr>
<td>22</td>
<td>18/01/2008</td>
<td>City of Luanda</td>
<td>Modernization of street lighting within the city center</td>
<td>120</td>
<td>2008-01-01</td>
<td>completed</td>
</tr>
</tbody>
</table>

*Oceans* means Mediterranean.
### 8.2 Table of financial performance of the Greening Activities

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/09/2004</td>
<td>1. Gradual increase in lighting hours within the General Scheme</td>
<td>95,916.00</td>
</tr>
<tr>
<td>7/07/2004</td>
<td>2. Increase in lighting hours within the General Scheme</td>
<td>95,916.00</td>
</tr>
<tr>
<td>6/09/2004</td>
<td>3. Gradual increase in lighting hours within the General Scheme</td>
<td>95,916.00</td>
</tr>
<tr>
<td>7/07/2004</td>
<td>4. Increase in lighting hours within the General Scheme</td>
<td>95,916.00</td>
</tr>
</tbody>
</table>

Total: 260,320.00
## 8.3 Table of environmental effects

<table>
<thead>
<tr>
<th>Date</th>
<th>Authority/Project</th>
<th>Details of Implementation</th>
<th>Expected Outcome</th>
<th>Project Start Date</th>
<th>Project End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/10/2015</td>
<td>MNK in Cigliano</td>
<td>Purchase and delivery of light-emitting diodes for the needs of technical transport provided by MNK in Cigliano</td>
<td>830,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>7/12/2015</td>
<td>City of Cilento</td>
<td>Measurement of noise levels at the three-phase points in the territory of Cilento Ciligero, supplied with CIGC gas for the needs of energy and public transport</td>
<td>54,00</td>
<td>pending</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL:** 3,103,00

<table>
<thead>
<tr>
<th>Date</th>
<th>Authority/Project</th>
<th>Details of Implementation</th>
<th>Expected Outcome</th>
<th>Project Start Date</th>
<th>Project End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>14/7/2015</td>
<td>City of Messina</td>
<td>Measurement of street lighting within the city of Messina</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>21/8/2015</td>
<td>City of Crotone</td>
<td>Measurement of street lighting within the city of Crotone</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>25/9/2015</td>
<td>City of Pizzo</td>
<td>Measurement of the existing street lighting within Pizzo</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>30/10/2015</td>
<td>City of Lamezia</td>
<td>Measurement of the existing street lighting within Lamezia</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>31/11/2015</td>
<td>City of Reggio</td>
<td>Measurement of the existing street lighting within Reggio</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>1/12/2015</td>
<td>City of Catania</td>
<td>Measurement of the existing street lighting within Catania</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>1/1/2016</td>
<td>City of Palermo</td>
<td>Measurement of the existing street lighting within Palermo</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>1/2/2016</td>
<td>City of Catania</td>
<td>Measurement of the existing street lighting within Catania</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>1/3/2016</td>
<td>City of Reggio</td>
<td>Measurement of the existing street lighting within Reggio</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>1/4/2016</td>
<td>City of Catania</td>
<td>Measurement of the existing street lighting within Catania</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
<tr>
<td>1/5/2016</td>
<td>City of Reggio</td>
<td>Measurement of the existing street lighting within Reggio</td>
<td>1,000,00</td>
<td>pending</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL:** 2,000,00

**Summary:**
- **8,303,00** environmental effects were recorded in 2015.
- **2,000,00** additional environmental effects were recorded in 2016.

**Note:**
- The sum of the environmental effects for 2015 and 2016 is **10,303,00**.