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**SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE**

Tenth session

Bonn, 31 May - 11 June 1999

Item 11 of the provisional agenda

**SUBSIDIARY BODY FOR IMPLEMENTATION**

Tenth session

Bonn, 31 May - 11 June 1999

Item 7 of the provisional agenda

**ACTIVITIES IMPLEMENTED JOINTLY UNDER THE PILOT PHASE**

**Update on activities implemented jointly**

**Note by the secretariat**

**I. CONTACT AND ACTIVITY INFORMATION**

1. The secretariat regularly updates information on activities implemented jointly (AIJ) on the United Nations Framework Convention on Climate Change (UNFCCC) Web site, under CC:INFO products. The section CC:INFO/AIJ contains a short updated history of the negotiations, a list of relevant documents (hotlinked if available), an update on findings in methodological work and all the information elements reproduced in this document. The direct address is <http://www.unfccc.de/fccc/ccinfo/defaij.htm>.

**II. LIST OF ACTIVITIES IMPLEMENTED JOINTLY UNDER THE PILOT PHASE**

2. The table below contains AIJ which have been reported to the secretariat. These activities have been accepted, approved or endorsed by the designated national authorities for AIJ. This table is available on the UNFCCC Web site, providing links to reports on AIJ available in electronic format.

GE.99-61770

**TABLE OF ACTIVITIES IMPLEMENTED JOINTLY UNDER THE PILOT PHASE**

| <b>Activity type</b> | <b>Activity title</b>   | <b>Parties<br/>(Host / Investor)</b>          | <b>Lifetime<br/>(years)</b> | <b>GHG<br/>impact<sup>a</sup><br/>(tons)</b> |
|----------------------|---|---|-----------------------------|--|
| Afforestation        | PROFAFOR  | Ecuador / Netherlands                         | ---                         | ---  |
| Afforestation        | RUSAFOR: Saratov Afforestation Project                                  | Russian Federation / United States of America | 60                          | 292 728                                      |
| Agriculture          | Community Silviculture in the Sierra Norte of Oaxaca                    | Mexico / United States of America             | 30                          | 3 065 333                                    |
| Agriculture          | Project Salicornia: Halophyte Cultivation in Sonora                     | Mexico / United States of America             | 60                          | 3 255  |
| Energy efficiency    | Adavere District Heating  | Estonia / Sweden                              | 10                          | 2 000  |
| Energy efficiency    | Air Conditioner Energy Conservation Programme for the Solomon Islands   | Solomon Islands / Australia                   | 10                          | 13 850                                       |
| Energy efficiency    | Aluksne District Heating  | Latvia / Sweden                               | 10                          | 30 850                                       |
| Energy efficiency    | Balvi District Heating  | Latvia / Sweden                               | 10                          | 40 000                                       |
| Energy efficiency    | Boiler Replacement and Cogeneration in Adazi and Cielvarde              | Latvia / Netherlands                          | 15                          | 51 000                                       |
| Energy efficiency    | Burkina Faso Sustainable Energy Management                              | Burkina Faso / Norway                         | 6                           | 1 450 000                                    |
| Energy efficiency    | CO <sub>2</sub> Recovery in a Brewery in Zagreb                         | Croatia / Belgium                             | 15                          | 50 250                                       |
| Energy efficiency    | COGAS/ANELEC  | Bolivia / Netherlands                         | ---                         | ---  |
| Energy efficiency    | District Heating in Pleven  | Bulgaria / Netherlands                        | ---                         | ---  |
| Energy efficiency    | District Heating Network Rehabilitation in Talsi                        | Latvia / Sweden                               | 15                          | 4 640  |
| Energy efficiency    | Emission Reduction at Power Plants in Romania                           | Romania / Netherlands                         | 5                           | 1 093 000                                    |
| Energy efficiency    | Energy Efficiency in Mustamae (Estib)                                   | Estonia / Sweden                              | 20                          | 17 070                                       |
| Energy efficiency    | Energy Saving Project in Saldus III                                     | Latvia / Sweden                               | 15                          | 1 980  |
| Energy efficiency    | Energy Efficiency in Drinking Water Supply                              | Romania/Netherlands                           | ---                         | ---  |
| Energy efficiency    | Energy-efficiency Improvement by Hungarian Municipalities and Utilities | Hungary / Netherlands                         | 20                          | 240 000                                      |
| Energy efficiency    | High Efficiency Lighting (ILUMEX)                                       | Mexico / Norway                               | 4.5                         | <sup>b</sup> 85 801                          |
| Energy efficiency    | Horticulture Project in Tyumen  | Russian Federation / Netherlands              | ---                         | ---  |
| Energy efficiency    | Installation of Coke Dry-Quenching Facility                             | China / Japan                                 | 20                          | ---  |
| Energy efficiency    | Integrated Agriculture Demand-Side Management AIJ Pilot Project         | India / Norway                                | 20                          | 1 494 600                                    |
| Energy efficiency    | Introduction of High Efficiency Illumination in the Residential Sector  | Honduras / Netherlands                        | ---                         | ---  |
| Energy efficiency    | Järvakandi District Heating   | Estonia / Sweden                              | 10                          | 3 900  |
| Energy efficiency    | Jelgava District Heating  | Latvia / Sweden                               | 10                          | 4 120  |

(continued)

| Activity type       | Activity title   | Parties<br>(Host / Investor)                  | Lifetime<br>(years) | GHG<br>impact <sup>a</sup><br>(tons) |
|---------------------|--|---|---------------------|--------------------------------------|
| Energy efficiency   | Jelgava Energy Efficiency  | Latvia / Sweden                               | 10                  | 800                                  |
| Energy efficiency   | Liepa Boiler Conversion Project  | Latvia / Sweden                               | 15                  | 62 900                               |
| Energy efficiency   | Modelling and Optimization of Grid Operation of the Gas Transportation System "Ushgorod Corridor" of Wolgotransgas (Gazprom) | Russian Federation / Germany                  | 2                   | 225 000                              |
| Energy efficiency   | Modernization of Cement Factory in Cizkovice   | Czech Republic / France                       | 5                   | 168 000                              |
| Energy efficiency   | Mustamäe - Mustamäe Tee, Ehitajate Tee, Sütiste Tee Energy Efficiency (cooperative houses)                                   | Estonia / Sweden                              | 15                  | 2 712                                |
| Energy efficiency   | Mustamäe - Vilde Tee Energy Efficiency   | Estonia / Sweden                              | 10                  | 3 000                                |
| Energy efficiency   | New Boiler Plant in Ignalina   | Lithuania / Sweden                            | 25                  | 116 820                              |
| Energy efficiency   | New Boiler Plant in Limbazi  | Latvia / Sweden                               | 25                  | 142 100                              |
| Energy efficiency   | Orissare District Heating  | Estonia / Sweden                              | 10                  | 8 500                                |
| Energy efficiency   | Redesign of the Energy Process at Bacstej Kft  | Hungary / Netherlands                         | ---                 | ---                                  |
| Energy efficiency   | Reduction of Atmospheric Pollution through Modernisation of the Energy Supply System in the Town of Byczyna                  | Netherlands / Poland                          | ---                 | ---                                  |
| Energy efficiency   | Saldus District Heating  | Latvia / Sweden                               | 10                  | 3 350                                |
| Energy efficiency   | Saldus Energy Efficiency   | Latvia / Sweden                               | 10                  | 2 100                                |
| Energy efficiency   | Staciunai District Heating   | Lithuania / Sweden                            | 10                  | 3 300                                |
| Energy efficiency   | Sustainable Heat and Power for Public Networks in Poland   | Netherlands / Poland                          | ---                 | ---                                  |
| Energy efficiency   | Swiss Thermal Energy Project in Buzan and Pascani, Romania (STEP)  | Romania / Switzerland                         | 15                  | 138 600                              |
| Energy efficiency   | System Project in Kuressaare   | Estonia / Sweden                              | 25                  | 291 250                              |
| Energy efficiency   | System Project in Türi   | Estonia / Sweden                              | 15                  | 97 357                               |
| Energy efficiency   | Türi District Heating  | Estonia / Sweden                              | 10                  | 9 100                                |
| Energy efficiency   | Valga District Heating   | Estonia / Sweden                              | 10                  | 7 000                                |
| Energy efficiency   | Vändra District Heating  | Estonia / Sweden                              | 10                  | 2 200                                |
| Energy efficiency   | Võru District Heating  | Estonia / Sweden                              | 10                  | 40 000                               |
| Energy efficiency   | Zelenograd District Heating System Improvements  | Russian Federation / United States of America | 30                  | 1 575 040                            |
| Forest preservation | Bilsa Biological Reserve   | Ecuador / United States of America            | 30                  | 1 170 108                            |
| Forest preservation | ECOLAND: Piedras Blancas National Park   | Costa Rica / United States of America         | 16                  | 1 342 733                            |
| Forest preservation | Forest Rehabilitation in Krkonose and Sumava National Parks  | Czech Republic / Netherlands                  | 15                  | 9 834 120                            |

(continued)

| Activity type        | Activity title   | Parties<br>(Host / Investor)                     | Lifetime<br>(years) | GHG<br>impact <sup>a</sup><br>(tons) |
|----------------------|--|--|---------------------|--------------------------------------|
| Forest preservation  | Reduced Impact Logging for Carbon Sequestration in East Kalimantan   | Indonesia /<br>United States of America          | 40                  | 134 379                              |
| Forest preservation  | Rio Bravo Carbon Sequestration Pilot Project   | Belize /<br>United States of America             | 40                  | 6 023 992                            |
| Forest preservation  | Territorial and Financial Consolidation of Costa Rican National Parks and Biological Reserves <sup>c</sup> | Costa Rica /<br>United States of America         | 25                  | 57 467 271                           |
| Forest reforestation | Commercial Reforestation in the Chiriquí Province  | Panama /<br>United States of America             | 25                  | 57 640                               |
| Forest reforestation | Klinki Forestry Project  | Costa Rica /<br>United States of America         | 46                  | 7 216 000                            |
| Forest reforestation | Reforestation and Forest Conservation  | Costa Rica / Norway                              | 25                  | 230 842                              |
| Forest reforestation | Reforestation in Vologda   | Russian Federation /<br>United States of America | 60                  | 858 000                              |
| Forest reforestation | Scolec Té: Carbon Sequestration and Sustainable Forest Management in Chiapas                               | Mexico /<br>United States of America             | 30                  | 1 210 000                            |
| Fuel switching       | City of Decin: Fuel Switching for District Heating   | Czech Republic /<br>United States of America     | 27                  | 607 150                              |
| Fuel switching       | Coal to Gas Conversion   | Poland / Norway                                  | 17                  | 2 992 442                            |
| Fuel switching       | District Heating Tikhvin   | Russian Federation/<br>Netherlands               | ---                 | ---                                  |
| Fuel switching       | RABA/IKARUS Compressed Natural Gas Engine Bus Project  | Hungary / Netherlands                            | 20                  | <sup>d</sup> 148 000                 |
| Fuel switching       | Rural Electrification in the San Ramón Area  | Bolivia / Netherlands                            | ---                 | ---                                  |
| Fugitive gas capture | Improvement of the Waste Water Infrastructure at Targo Mures   | Romania / Netherlands                            | ---                 | ---                                  |
| Fugitive gas capture | Methane Emission Reduction at Wastewater Treatment Plant in Coffee Mills                                   | Costa Rica / Netherlands                         | 10                  | 122 415                              |
| Fugitive gas capture | RUSAGAS: Fugitive Gas Capture Project  | Russian Federation /<br>United States of America | 28                  | 30 955 750                           |
| Fugitive gas capture | Sanitary Landfilling with Energy Recovery in the Moscow Region   | Russian Federation /<br>Netherlands              | 10                  | 255 268                              |
| Renewable energy     | Aeroenergía S.A. Wind Facility   | Costa Rica /<br>United States of America         | 20                  | 36 194                               |
| Renewable energy     | Aluksne Boiler Conversion  | Latvia / Sweden                                  | 10                  | 254 000                              |
| Renewable energy     | APS/CFE Renewable Energy Mini-grid Project   | Mexico /<br>United States of America             | 30                  | 7 415                                |
| Renewable energy     | Baisogale Boiler Conversion  | Lithuania / Sweden                               | 10                  | 109 000                              |
| Renewable energy     | Balvi Boiler Conversion  | Latvia / Sweden                                  | 10                  | 132 000                              |

(continued)

| Activity type    | Activity title  | Parties<br>(Host / Investor)             | Lifetime<br>(years) | GHG<br>impact <sup>a</sup><br>(tons) |
|------------------|---|--|---------------------|--------------------------------------|
| Renewable energy | Bio-Gen Biomass Power Generation Project, Phase II            | Honduras /<br>United States of America   | 21                  | 2 373 940                            |
| Renewable energy | Birzai Boiler Conversion                                      | Lithuania / Sweden                       | 15                  | 169 500                              |
| Renewable energy | Brocena Boiler Conversion                                     | Latvia / Sweden                          | 10                  | 86 000                               |
| Renewable energy | Daugavgriva Boiler Conversion                                 | Latvia / Sweden                          | 15                  | 195 000                              |
| Renewable energy | Doña Julia Hydroelectric Project                              | Costa Rica /<br>United States of America | 15                  | 210 566                              |
| Renewable energy | El Hoyo-Monte Galan Geothermal Project                        | Nicaragua /<br>United States of America  | 38                  | 14 119 469                           |
| Renewable energy | Fuel Switch From Fossil Fuels to Bio-Energy AIJ Pilot Project | Slovakia / Norway                        | 30                  | 51 000                               |
| Renewable energy | Grid Connected Photovoltaic Project                           | Fiji / Australia                         | 1                   | 1 385                                |
| Renewable energy | Haabneme Boiler Conversion                                    | Estonia / Sweden                         | 10                  | 124 000                              |
| Renewable energy | Janmuiza Boiler conversion                                    | Latvia / Sweden                          | 10                  | 38 000                               |
| Renewable energy | Jekabplis Boiler Conversion                                   | Latvia / Sweden                          | 10                  | 24 000                               |
| Renewable energy | Jurmala Boiler Conversion                                     | Latvia / Sweden                          | 10                  | 94 000                               |
| Renewable energy | Kazlu Ruda Boiler Conversion                                  | Lithuania / Sweden                       | 10                  | 44 000                               |
| Renewable energy | Kilung-Chuu Micro Hydel, Bhutan                               | Bhutan / Netherlands                     | 4                   | 25                                   |
| Renewable energy | Narva Jõesuu Boiler Conversion                                | Estonia / Sweden                         | 10                  | 81 000                               |
| Renewable energy | Paldiski Boiler Conversion                                    | Estonia / Sweden                         | 10                  | 81 000                               |
| Renewable energy | Plantas Eólicas S.A. Wind Facility                            | Costa Rica /<br>United States of America | 22                  | 222 538                              |
| Renewable energy | Rauna Boiler Conversion                                       | Latvia / Sweden                          | 10                  | 24 000                               |
| Renewable energy | SELCO - Sri Lanka Rural Electrification                       | Sri Lanka /<br>United States of America  | 29                  | 5 684 448                            |
| Renewable energy | Slampe Boiler Conversion                                      | Latvia / Sweden                          | 10                  | 39 000                               |
| Renewable energy | Solar-based Rural Electrification in Honduras                 | Honduras /<br>United States of America   | 24                  | 34 398                               |
| Renewable energy | Sventupe Boiler Conversion and Energy Efficiency              | Lithuania / Sweden                       | 10                  | 36 500                               |
| Renewable energy | Tartu-Aardla Boiler Conversion                                | Estonia / Sweden                         | 15                  | 122 300                              |
| Renewable energy | Tierras Morenas Windfarm Project                              | Costa Rica /<br>United States of America | 13                  | 57 203                               |
| Renewable energy | Ugale Boiler Conversion                                       | Latvia / Sweden                          | 10                  | 44 000                               |
| Renewable energy | Valga Boiler Conversion                                       | Estonia / Sweden                         | 10                  | 64 000                               |
| Renewable energy | Valka Boiler Conversion                                       | Latvia / Sweden                          | 10                  | 30 000                               |
| Renewable energy | Varena Boiler Conversion                                      | Lithuania / Sweden                       | 10                  | 195 000                              |
| Renewable energy | Vienybe Boiler Conversion                                     | Lithuania / Sweden                       | 10                  | 140 000                              |
| Renewable energy | Viesite Boiler Conversion                                     | Latvia / Sweden                          | 10                  | 24 000                               |
| Renewable energy | Viljandi Boiler Conversion                                    | Estonia / Sweden                         | 15                  | 147 000                              |

(continued)

| <b>Activity type</b> | <b>Activity title</b>                                | <b>Parties<br/>(Host / Investor)</b> | <b>Lifetime<br/>(years)</b> | <b>GHG<br/>impact<sup>a</sup><br/>(tons)</b> |
|----------------------|--|--------------------------------------|-----------------------------|--|
| Renewable energy     | Vöru Boiler Conversion                               | Estonia / Sweden                     | 10                          | 114 000                                      |
| Renewable energy     | Wind Power Plant                                     | Latvia / Germany                     | 10                          | 13 660                                       |
| Renewable energy     | Ziegdriai Boiler Conversion and<br>Energy Efficiency | Lithuania / Sweden                   | 10                          | 22 000                                       |

<sup>a</sup> Estimated greenhouse-gas (GHG) emissions reduced or sequestered (in metric tons of CO<sub>2</sub> equivalent) during the lifetime of the project. Some of the values have been revised since document FCCC/CP/1998/2.

<sup>b</sup> The AIJ component of this project represents only 11.8% of 727 130 metric tons of CO<sub>2</sub> equivalent reduced by the project.

<sup>c</sup> This project absorbed two previously reported activities “CARFIX: Sustainable Forest Management” and “BIODIVERSIFIX”

<sup>d</sup> Applying an average of various scenarios regarding the level of the future market penetration of CNG buses, the annual GHG impact is estimated to be 7 400 metric tons of CO<sub>2</sub> equivalent. (20 x 7 400 metric tons = 148 000 metric tons)

- - - Indicates that the information is not available.

### III. NATIONAL CONTACT INFORMATION

3. Listed below are the 127 contact points for entities authorized to accept, approve or endorse activities implemented jointly and to report on them to the Conference of the Parties (COP) as of May 1999. The 106 national focal points to the UNFCCC are marked (NFP)<sup>1</sup>.

**Albania (NFP):**

Committee of Environmental Protection of Albania  
Mr. Maksim Deliana  
Chairman  
Rr. B. "Curri" Nr. 9  
Tirana, Albania  
Tel.: (355-42) 6-5229/30682  
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E-Mail: cep@cep.tirana.al

**Algeria (NFP):**

Ministère de l'Intérieure, des Collectivités Locales et de l'Environnement  
Secrétariat d'Etat chargé de l'Environnement  
Mr. Sid Ali Ramdane  
Directeur de la Biodiversité et des Espèces Naturelles  
Palais Mustapha Bacha  
Bd. de l'Indépendance  
Algiers, Algeria  
Tel: (213-2) 67-0470 or (213-2) 65-9158, (213-2)69-2924  
Fax: (213-2) 66-4032 or (213-2) 67-0581

**Angola (NFP):**

Ministry of Environment  
Mr. Abel Fonseca  
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Predio da Mutamba, 3, C.P. 1061  
Luanda, Angola  
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**Antigua and Barbuda (NFP):**

Permanent Mission of Antigua and Barbuda to the United Nations, New York  
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610 Fifth Avenue, Suite 311  
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**Armenia (NFP):**

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**Australia:**

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Department of Primary Industries and Energy  
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<sup>1</sup> According to the message dated 8 May 1996 from the Executive Secretary on arrangements for communication and liaison with Parties to the Convention, the national focal point should be able to accept, approve or endorse activities implemented jointly and report on them to the COP through the secretariat. Parties are encouraged to identify their national focal points and inform the secretariat accordingly. Additional information on national focal points may be obtained from the CC:INFO booth or by contacting Mr. Horacio Peluffo, External Relations Officer.

**Austria (NFP):**

Federal Ministry for the Environment, Youth and  
Family Affairs  
Air, Soil and Climate Change  
Mr. Helmut Hojesky  
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Stubenbastei 5  
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**Azerbaijan (NFP):**

State Committee for Hydrometeorology  
Mr. Zoulfugar Musayev  
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**Bahamas (NFP):**

Office of the Prime Minister  
Bahamas Environment, Science and Technology  
Commission  
H.E. Ms. Lynn Holowesko  
Ambassador for the Environment and Chairman of the  
BEST Commission  
Sir Cecil Wallace Whitfield Centre  
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**Bangladesh (NFP):**

Ministry of Environment and Forests  
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**Belarus (NFP):**

Ministry of Foreign Affairs  
19, Lenin Str.  
220030 Minsk, Belarus  
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**Belgium:**

ENOVER/CONCERE  
Ministère des Affaires Economiques  
Administration de l'Energie  
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**Belize:**

Ministry of Energy, Science, Technology and  
Transportation  
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Chief Meteorologist  
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**Bhutan (NFP):**

Ministry of Planning  
Planning and Policy Division  
Ms. Dechen Tsering Gyaltshen  
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P.O. Box 466  
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**Bolivia:**

Ministerio de Desarrollo Sostenible y Medio Ambiente  
Ministry of Sustainable Development and Environment  
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**Botswana (NFP):**

Ministry of Works, Transport and Communications  
Ms. Gladys Kenabetshe Ramothwa  
Director of the Department of Meteorological Services  
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**Brazil (NFP):**

Ministry of External Relations  
 Esplanada do Ministerios  
 Anexo II, 2º andar  
 Brasilia D.F., Brazil  
 Tel.: (55-61) 211-6864/322-5523  
 Fax: (55-61) 224-1079  
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**Bulgaria:**

Ministry of Environment and Water  
 67, William Gladstone Str.  
 BUL-1000 Sofia, Bulgaria  
 Tel.: (359-2) 81-6151 (ext. 267 or 258)  
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**Burkina Faso (NFP):**

Ministry of Environment and Water  
 Conseil National pour la Gestion de l'Environnement  
 M. Mamadou Honadia  
 Coordinateur du dossier CCNUCC  
 B.P. 7044  
 Ouagadougou 03, Burkina Faso  
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**Cambodia (NFP):**

Ministry of Environment  
 Mr. Sabu Bacha  
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 Tel.: (855-23) 1591-3166 or (855-23) 42-7894  
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**Cameroon (NFP):**

Ministry of Environment and Forestry  
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**Canada:**

Canadian Joint Implementation Initiative(CJII)  
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**Central African Republic (NFP):**

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**China (NFP):**

Ministry of Foreign Affairs  
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**Colombia (NFP):**

Colombian Ministry for Foreign Affairs  
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**Congo (NFP):**

Ministry for Tourism and Environment  
Direction des Pollutions et Nuisances  
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**Costa Rica:**

Oficina Costarricense de Implementación Conjunta  
(OCIC)  
Costa Rican Office for Joint Implementation  
Mr. Franz Tattenbach (National Coordinator)  
Mr. Adalberto Gorbitz (General Manager)  
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E-mail: crocic@sol.racsa.co.cr

**Croatia (NFP):**

State Directorate for Environment  
Ulica grada Vukovara 78  
HR-10000 Zagreb, Croatia  
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