



Basel Convention Regional Center for Central America and Mexico (BCRC-CAM)



Update on WEEE and ULAB efforts in Central America

Presentation to the 4th Meeting of the International
E-waste Management Network (IEMN)

Hanoi, 14-17 July, 2014



MINAMATA
CONVENTION
ON MERCURY

25
años



CCAD
COMISIÓN CENTROAMERICANA DE AMBIENTE Y DESARROLLO



Promoviendo la Integración Ambiental Regional



Update on WEEE and ULAB efforts in Central America

- I. WEEE & Used Lead Acid Batteries (ULAB) Strategy for Central America and the Dominican Republic (WUCADR).
- II. UNIDO/GEF WEEE Project for Latin America.
- III. EWAM Academy in San Salvador March-April 2014.
- IV. Rapid Assessment on ESM of Chemicals and HW in Central America & CRT Pilot Treatment in ULAB Recycling Facility in Guatemala.



Update on WEEE and ULAB efforts in Central America

- V. Synergies Project: Formulation of Salvadoran National Chemicals & HW Strategy, Nat. Committee and Joint Chemicals & HW Office.
- VI. Review and validation of WEEE Technical Guidelines & setting up of WEEE public-private sector table in El Salvador.
- VII. Regional Week on Chemicals and HW in San Salvador on August 25-29, 2014.
- VIII. Music for the Earth and other Awareness Raising activities.
- IX. Country Data: El Salvador



I. WEEE & ULAB Strategy for Central America and the Dominican Republic

Update on WEEE and ULAB efforts in Central America

- ✓ \$50,000 from the US State Department under ECPA, through the OAS project “Sustainable Communities in Central America and the Caribbean” for the formulation of Strategy and motivation for community activities.
- ✓ Formulated jointly with the Executive Secretariat of the Central American Commission on Environment and Development (CCAD).
- ✓ Wide consultation process supported by regional advisory committee with public and private sector participation: 2 regional workshops (San Salvador on March, 2013 and Costa Rica on February, 2014) + 3 National workshops in Honduras, Costa Rica and the Dominican Republic.



... I. WEEE & ULAB Strategy for Central America and the Dominican Republic

Update on WEEE and ULAB efforts in Central America

- ✓ Strategy is a dynamic framework which can be adjusted to national realities, aiming at protecting health, guaranteeing environmental quality while contributing to sustainable development, supported by risk prevention, reduction of negative impacts, EPR and a shared responsibility by social actors and central and local government.
- ✓ Strategy's General Goal: by 2019 the sub-region establishes an integral management of WEEE and ULAB through institutional efforts, citizens participation, education, awareness raising, information sharing, market development, technology and infrastructure.



... I. WEEE & ULAB Strategy for Central America and the Dominican Republic

Update on WEEE and ULAB efforts in Central America

- ✓ It includes a Sub-regional Strategic Action Plan, which highlights the following areas:
 - WEEE and ULAB baseline for all countries.
 - Approval of national policies.
 - Development of national action plans for ESM of WEEE & ULAB .
 - New sub-regional agreement on ESM of chemicals and hazardous wastes and other wastes.



... I. WEEE & ULAB Strategy for Central America and the Dominican Republic

Update on WEEE and ULAB efforts in Central America

- ✓ It includes a Sub-regional Strategic Action Plan, which highlights the following areas:
 - Setting up of funding mechanism for historical WEEE.
 - Pilot Plan on ESM of WEEE & ULAB.
 - Promotion of PPP for ESM of WEEE & ULAB.
 - Training on ESM of WEEE & ULAB.
 - Financing of take-back, recycling and final disposal.
 - Incorporation of the informal sector.
 - Incentive & Awards for ESM.
 - Monitoring and evaluation.



II. UNIDO/GEF WEEE Project for Latin America

Update on WEEE and ULAB efforts in Central America

- ✓ PIF approved by GEF in early 2014. BCRC-CAM collaborated for Central American countries.
- ✓ BCRC-CAM to become executing agency sub-regional Central America component and for El Salvador and other countries in the sub-region.
- ✓ Regional Meeting in Panama scheduled for November-December 2014.



III. EWAM Academy in San Salvador March-April 2014.

Update on WEEE and ULAB efforts in Central America

- Financed by EMPA/SECO, NVMP Foundation, US-EPA, Nokia, GeSI, HP, Dell, UNIDO and World Loop.
- 21 participants:
 - from Argentina, Brazil, Colombia, the Dominican Republic, El Salvador, Guatemala, Jamaica, Peru, Trinidad and Tobago and Uruguay.
 - 3 participants from Africa (Burundi and South Africa).
- 14 experts from MIT, US-EPA, the World Resources Forum and UMICORE.
- 7 facilitators from IT manufacturers (Dell, Hewlett Packard and Nokia), as well 1 from UNIDO.



... III. EWAM Academy in San Salvador March-April 2014.
Update on WEEE and ULAB efforts in Central America



Lessons learned:

- ✓ Positive event.
- ✓ Need to have regular training for LAC region coordinated by BCRCs, with an agenda and focus more relevant to the region (e.g. identify steps to advance WEEE value added options within the region, exchanges of experiences, coordinated efforts).
- ✓ At the moment OEM/ITI initiative does not contemplate engagement in ESM in the region.



IV. Rapid Assessment on ESM of Chemicals and HW in Central America & CRT Pilot (june-October 2014)

Update on WEEE and ULAB efforts in Central America

- Identifies current ESM status, stakeholders, waste generation by main waste streams, identification of facilities and opportunities for valorization, institutional and legal frameworks and their strength.
- Provides input to companion synergies project, feeding into the formulation of Sub-Regional ESM Strategy for Chemicals and Wastes for Central America and the Dominican Republic.
- Includes a feasibility and pilot treatment of CRTs in Guatemala and a study tour to China in coordination with BCCC-Asia & Pacific.
- Includes a sub-regional workshop to socialize products with other countries.
- With draft report to be presented at side event at OEWG9 of the Basel Convention in September, 2014.



V. Synergies Project: Formulation of Salvadoran National Chemicals & HW Strategy (June-October 2014)

Update on WEEE and ULAB efforts in Central America

- Supports:
 - Formulation of Salvadoran National Strategy & Action Plan on Chemicals and HW.
 - National Workshop to validate Strategy and Action Plan on Chemicals & HW..
 - Formulation of Decree setting up the Salvadoran Joint Office on ESM of Chemicals and HW and a National Advisory Committee.
 - Formulation of a Sub-regional Strategy for ESM of Chemicals and HW for Central America and the Dominican Republic.
 - Regional workshop to socialize Salvadoran experience and to validate sub-regional strategy.



VI. Review and validation of WEEE Technical Guidelines & setting up of WEEE public-private sector table in El Salvador (August-November 2014)

Update on WEEE and ULAB efforts in Central America

- Financed by PACE.
- Supports:
 - Technical review of draft Salvadoran WEEE ESM Technical Guidelines for ESM of WEEE via a regional consultation.
 - Setting up of the WEEE ESM national roundtable for El Salvador.
 - National workshop to validate revised Salvadoran WEEE ESM technical guidelines.
 - Draft National WEEE Strategy.



VII. Regional week on Chemicals and HW

Update on WEEE and ULAB efforts in Central America

- To be held in San Salvador, on September 22-26, capturing synergies among 3 projects mentioned on V, VI and VII above.
- Includes regional review of: i) draft rapid assessment on ESM of Chemicals and HW; ii) CRT Feasibility & Pilot Treatment; iii) draft Technical Guidelines on ESM of WEEE; iv) draft subregional Strategy & Action Plan for ESM of Chemicals & HW.
- Includes training on characterization, packaging and temporary storage of chemicals and HW by CETESB / Stockholm Regional Center in Sao Paulo.
- Captures synergies among three projects allowing a stronger training and capacity building and larger participation from sub-region and from South America and the Caribbean.



VIII. Music for the Earth /Safe Planet & other AR activities

Update on WEEE and ULAB and ULAB efforts in Central America

- Commitment made by BCRC-CAM when formalizing OAS/ State Department/ECPA project “Sustainable Communities in Central America and the Caribbean” in support of the formulation of the WEEE Strategy for Central America and the Dominican Republic.
- BCRC-CAM supported 4 WEEE collection campaigns in partnership with Salvadoran companies and organizations which have collected 20 tons of WEEE:
 - 2 collection campaign in partnership with an electric distribution company (AES) and a local collection company (AUTOCONSA) during Earth Week (April 2013 and 2014).
 - 2 collection campaigns in partnership with Super Selectos, NGOs and other local organizations in 92 supermarket stores in 2013 and 2014, during 30 days, combined with giving away trees to be planted.



**... VIII. Music for the Earth /Safe Planet & other AR activities
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- On May 2013, BCRC-CAM suggested to LAC BCRCs and SCRCs an awareness raising series of concerts tied with FIFA World Cup to be held simultaneously in three locations. Nonetheless, FIFA was not interested.
- On June 4th, 2014, at the launch of the WEEE Super Selectos Collection Campaign, BCRC-CAM proposed a festival with a concert, activities for children, exhibits, etc, where people pay their entrance with WEEE and other wastes, the group agreed and in 25 days we organized



VIII. Music for the Earth /Safe Planet & other AR activities Update on WEEE and ULAB and ULAB efforts in Central America





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DISRUTA Y APOYA POR UN PLANETA SEGURO

Vibra al ritmo de la música, bailes y muchas sorpresas más.
Para entrar solo necesitas traer:

- Desechos Electrónicos:** (celulares, cargadores, baterías de celulares, de carro, controles remotos, mouse, etc.) o
- Revistas, cuadernos o libros que ya no utilices.**

Día: Domingo 29 de junio de 2014
Lugar: parqueo de Mega Selectos (Soyapango)
Hora: 2:30 pm a 6:00 pm

INVITAN

Un porcentaje de las ventas de los desechos electrónicos será donado a

PATROCINAN:

ECPA
Energy and Climate Partnership of the Americas

CRIBUS



VIII. Music for the Earth /Safe Planet & other AR activities *Update on WEEE and ULAB and ULAB efforts in Central America*

"Musica por la Tierra / Safe Planet" Festival in El Salvador

A festival event was held in the Mega Selectos Soyapango, El Salvador, on Sunday, 29 June 2014, was organized by Super Selectos, ENCANTO, Autoconsa, BCRC-CAM, Recicladora La Centroamericana, Acumuladores Iberia, CCAD/SICA, SalvaNaturra, Municipality of Soyapango, Ministry of Environment and Natural Resources, Organization of American States (OAS), the Department of State of the United States and UN Safe Planet Campaign.

The event included children's face painting, crafts, musical performances by Salzon, fashion show, infotainment displays, recycling materials costume contest.

Entrance to the festival was paid for with contributions of e-waste, paper or used vehicle batteries. The musicians donated their artistic participation.



VIII. Music for the Earth /Safe Planet & other AR activities Update on WEEE and ULAB and ULAB efforts in Central America





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VIII. Music for the Earth /Safe Planet & other AR activities *Update on WEEE and ULAB and ULAB efforts in Central America*

Further effects of organizing “Musica por la Tierra /Safe Planet” Festival:

We contacted with Paul Winter a 7 times Grammy Award who founded an NGO Music for the Earth www.musicfortheearth.org and besides receiving from him a telephone call of support, he offered his to participate in further editions of “Música por la Tierra / Safe Planet” Festivals...

The Council of Minister of Environment and Natural of the Central American Commission on Environment and Development (CCAD) received with enthusiasm our invitation last June 25, 2014, to bring Musica por la Tierras/Safe Planet to all of Central America, when we presented for their consideration our proposal of the WEEE & ULAB Strategy for Central America and the Dominican Republic, which is now with good prospects to be approved...

IV-Country Data



El Salvador



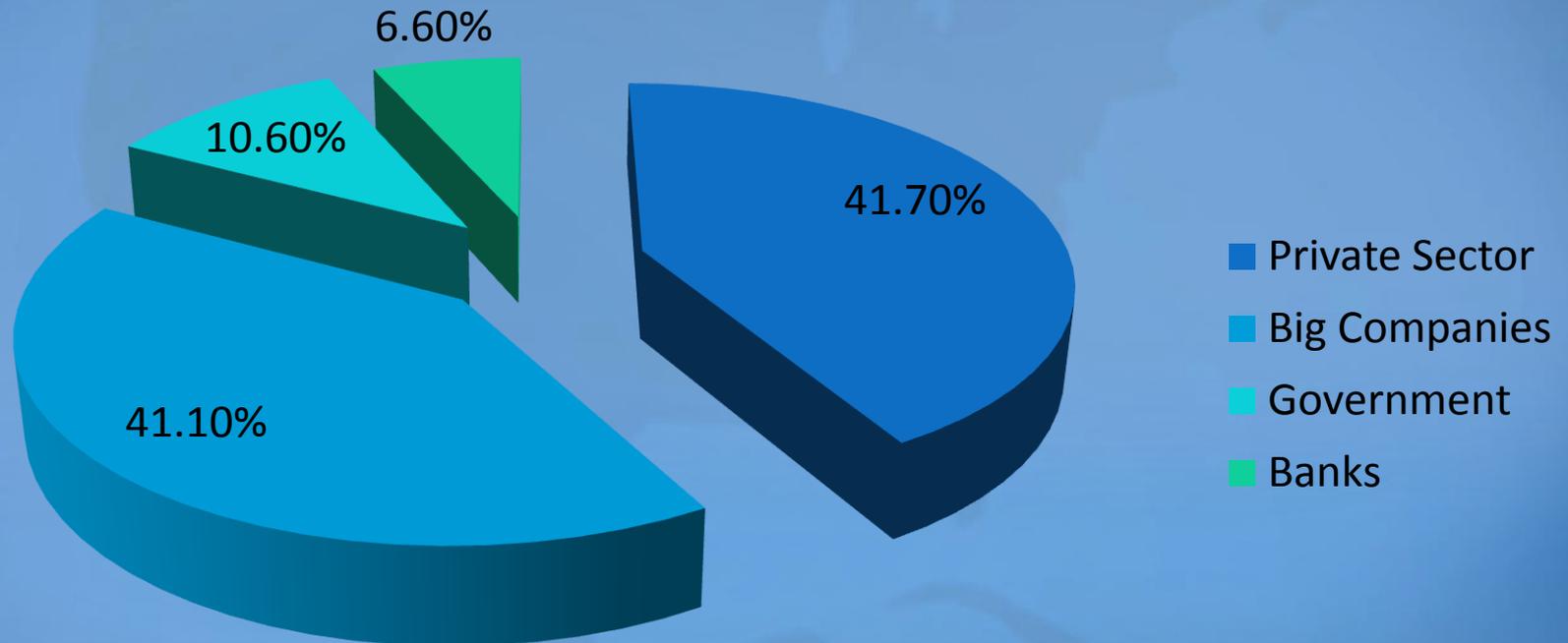
Statistics- Electronics Consumption

Households	1,406,485
TVs	1,097,099
Telephone landlines	526,189
Mobile phones	8,316,150
Computers	176,664
Internet service	51,566
Population	6,650,000 (2014 estimate)

Statistics- Quantity of Computers by consumption sector



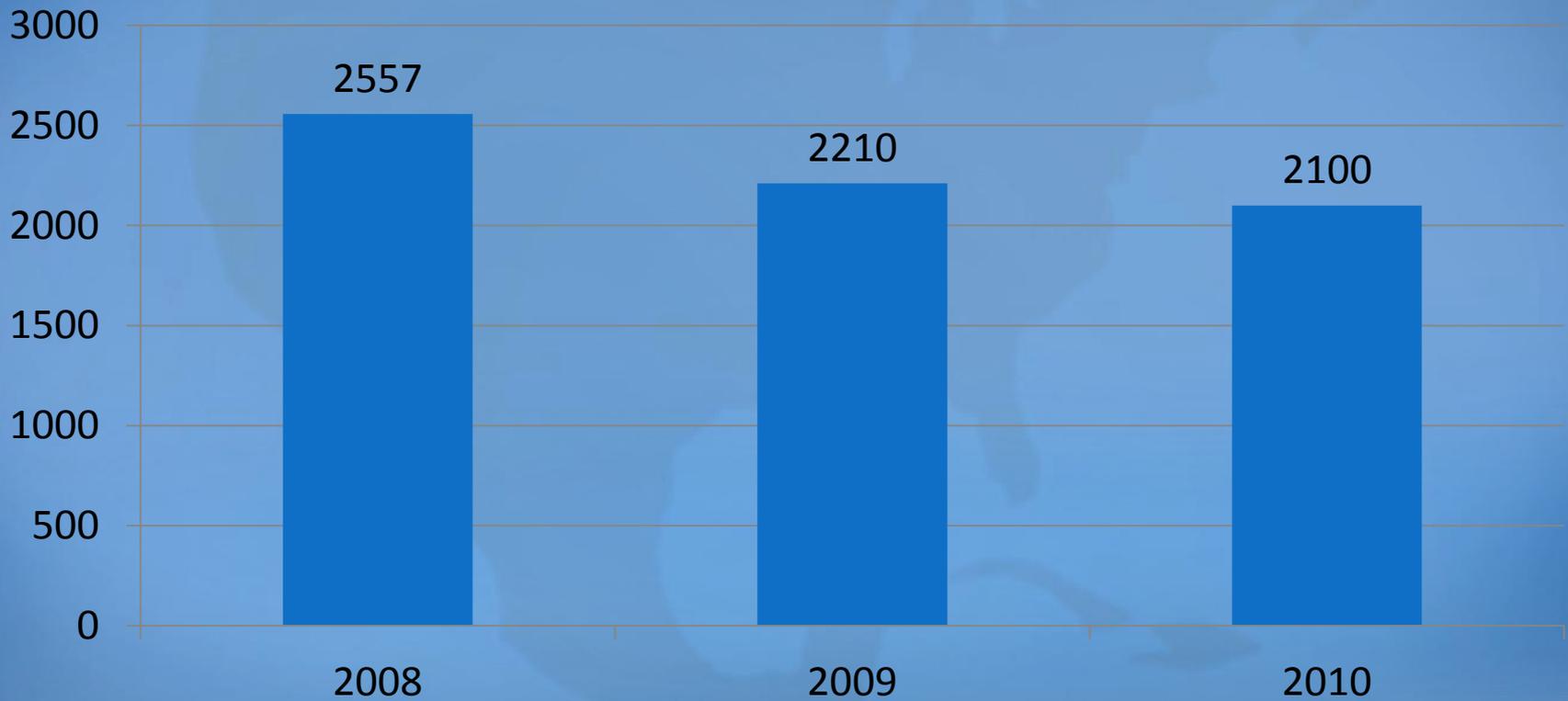
Computers by Sector





Statistics- Import of Computers

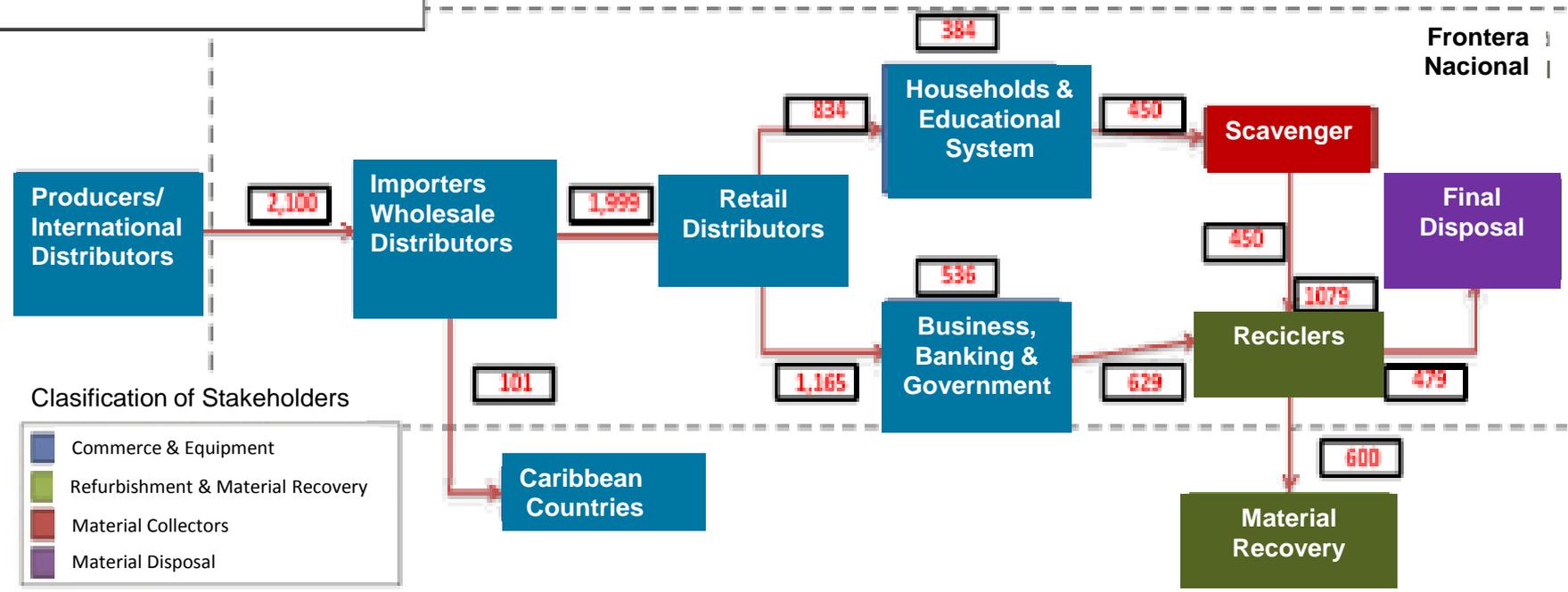
Tons





Statistics- Quantity of Computers Importation of Computers

Actual Material Flow with 2010 Imports





Statistics- Waste Generation



Average quantity of computers that are disposed of annually
105,282 pieces=
2,288 tons/year



36,849 pieces
are laptops
(35%) with an
average weight
of 3 kg



68,433 pieces
are desktops
(65%) with an
average weight
between 22 and
31kg



**479 tons of
computers go to
final disposal**



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Thank you! Questions?

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