CLUSTER MUNITIONS
SPAIN: METHODOLOGY AND EXPERIENCES
CLUSTER MUNITIONS-SPAIN
AGENDA

- LECTURER
- SPANISH INVOLVEMENT WITH CM TREATY
- BACKGROUND ON STOCKPILE DESTRUCTION
- DESTRUCTION DETAILED PROCESS
- SPANISH INTERNATIONAL COOPERATION
CLUSTER MUNITIONS-SPAIN

LECTURER

-LTC. LAQUIDAIN-

- Spanish Verification Unit (UVE/ACA)
  - Arms Control Verification Ops Chief
    - CFE, VD, SALW, CM
- Lebanon 2011 UNIFIL:
  - Multinational Brigade Eng Chief
  - Spanish Eng Unit Chief
    Demining activities in Blue Line Battlefield Area Clearance (CA)
- Bosnia 2002
  - SFOR MNDSE Eng Chief
  - Demining activities monitoring
- Bosnia 1998 – 1999
  - SFOR Spanish Eng Unit Chief
  - Demining activities monitoring

LTC. Iñigo Laquidaín Hergueta
CLUSTER MUNITIONS-SPAIN
SPANISH INVOLVEMENT WITH CM TREATY

- BACKGROUND:
  - OCTOBER 2006, DURING 3rd CW EXAM CONFERENCE
  - FEBRUARY 2007, ESP IN FAVOR OF CCW V PROTOCOL
  - 11 JULY 2008, SPANISH COUNCIL OF MINISTERS APPROVED AN AGREEMENT ORDERING A UNILATERAL MORATORIUM ON CM
  - MARCH 2009, ESP ENDED CM STOCKPILE DESTRUCTION, IN ADVANCE OF OSLO CONFERENCE APPLICATION
  - 17 JUNE 2009, COUNCIL OF MINISTERS RATIFIES OSLO TREATY (10th RATIFYING COUNTRY)

- CORNERSTONE:
  - SPAIN DEEPLY INVOLVED, FAR IN ADVANCE OF TREATY IMPLEMENTATION
CLUSTER MUNITIONS-SPAIN

BACKGROUND ON STOCKPILE DESTRUCTION

- DESTRUCTION:

  - OVER 4600 CM DESTROYED (3802 MAT-120 & ESPIN 21, 575 CBU-100/99 AND 385 BME-330)

- RUNTIME:

  - TWO STAGES, FIRST STAGE:
    - DEADLINE DECEMBER 29TH, 2008
    - ALL DESTROYED BUT 393 BME-330

  SECOND STAGE:
  - DEADLINE JUNE 20TH, 2009
  - ALL DESTROYED.

TOTAL COST: € 4,911,357.45
- TOTAL NUMBER OF CLUSTER MUNITIONS:
  - 3802 MAT-120 & ESPIN 21
  - 575 CBU-100/99
  - 385 BME-330

  4762 CM $\rightarrow$ 232,647 BOMBLETS

- TOTAL COST:
  - € 4,911,357.45

THAT MAKES € 21.1 / BOMBLET
**CLUSTER MUNITIONS-SPAIN**

**CM FOR TRAINING AND RESEARCH**

- **RETAIERNED STOCKPILE:**

- **UNDER ARTICLE 3.6 OF CCM**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DECLARED (2013)</th>
<th>SUBMUNITIONS 2013</th>
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<tr>
<td>MAT-120</td>
<td>339</td>
<td>7,119</td>
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<tr>
<td>ESPIN-21</td>
<td>307</td>
<td>6,477</td>
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<tr>
<td>CBU-99/100</td>
<td>4</td>
<td>988</td>
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<tr>
<td>BME-330 B/AP</td>
<td>6</td>
<td>168</td>
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<td><strong>TOTAL</strong></td>
<td><strong>656</strong></td>
<td><strong>14,752</strong></td>
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</table>

- **INSTALAZA ASSEMBLY LINE: UP TO 3600 MAT-120**

LTC. Iñigo Laquidaín Hergueta
- WHERE:

- DISASSEMBLY OF MAT-120 & ESPIN-21 AT “INSTALAZA” FACILITIES.

- DISASSEMBLY OF CBU 99/100 & BME 330 AT “EXPAL” FACILITIES.

- DEMILITARIZATION OF ALL MUNITIONS IN EXPAL (DEFENCE BUSINESS UNIT OF MAXAM CORP.) AT EL GORDO, CÁCERES.

- PROCESS:

- DIFFERENT PROCESSES FOR EACH TYPE:
  - MAT 120/ ESPIN 21
  - CBU 99/100
  - BME 330

- GENERAL LINES FOR ALL OF THEM SHOWN IN NEXT SLIDE
RECEPTION

UNPACKING

INERT PARTS

AMMUNITION CARRIER

DISMOUNTING

INERT PARTS

OTHER ACTIVE PARTS

BOMBLETS

DISASSEMBLY

FUZE

BODIES

EXPLOSIVES

INERT PARTS
RECEPTION
UNPACKING
INERT PARTS
### Diagrama de Procesos

1. **RECEPCION**
   - **UNPACKING**
     - **INERT PARTS**
     - **AMMUNITION CARRIER**
       - **DISMOUNTING**
         - **INERT PARTS**
         - **OTHER ACTIVE PARTS**
           - **BOMBLETS**
             - **DISASSEMBLY**
               - **FUZE**
               - **BODIES**
                 - **EXPLOSIVES**
                   - **INERT PARTS**

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**Fuente:** LTC. Iñigo Laquidaín Hergueta

**Unidad de Verificación Española**

**Estado Mayor de la Defensa DIVESPA**
AMMUNITION CARRIER
DISMOUNTING
INERT PARTS
OTHER ACTIVE PARTS
RECEPTION

UNPACKING

INERT PARTS

AMMUNITION CARRIER

DISMOUNTING

INERT PARTS

OTHER ACTIVE PARTS

BOMBLETS

DISASSEMBLING

FUZE

BODIES

EXPLOSIVES

INERT PARTS
BOMBLETS
LTC. Iñigo Laquidaín Hergueta

Unidad de Verificación Española
Estado Mayor de la Defensa
DIVESPLA

Diagram:
- Reception
  - Unpacking
    - Inert Parts
      - 3 R
    - Ammunition Carrier
    - Dismounting
      - Inert Parts
        - 3 R
      - Other Active Parts
    - Bomblets
      - 3 R
        - Disassembly
          - Fuze
          - Bodies
            - Inert Parts
              - 3 R
            - Explosives
              - 3 R
DISASSEMBLY
BOMBLET FUZE
RECEPTION

UNPACKING

INERT PARTS

AMMUNITION CARRIER

DISMOUNTING

INERT PARTS

OTHER ACTIVE PARTS

BOMBLETS

DISASSEMBLY

FUZE

BODIES

INERT PARTS

EXPLOSIVES

3R

3R

3R
BOMBLET BODIES
RECEPTION

UNPACKING

INERT PARTS

AMMUNITION CARRIER

DISMOUNTING

INERT PARTS

OTHER ACTIVE PARTS

BOMBLETS

DISASSEMBLY

FUZE

BODIES

INERT PARTS

EXPLOSIVES
EXPLOSIVES
RECOVERY RATE

Metal pieces  80 %
Plastic and others  03 %
Explosives  14 %
CLUSTER MUNITIONS-SPAIN
SPANISH CONTRIBUTION

- INTERNATIONAL COOPERATION AND ASSISTANCE (Art. 7.1.m):

- SEVERAL AREAS:
  - CLEANING
  - VICTIM ASSISTANCE
  - RISK EDUCATION
  - PROMOTIONAL ACTIVITIES
  - DEACTIVATION
  - FORMATION & TRAINING

- MORE THAN € 6 MILLION IN COOPERATION AND ASSISTANCE (ESP ONLY)
- MORE THAN € 3 MILLION SHARED THROUGH INTERNATIONAL DEMINING CENTRE
### INTERNATIONAL COOPERATION AND ASSISTANCE (Art. 7.1.m):

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<tr>
<th>RECEIVER</th>
<th>ACTIVITY</th>
<th>AMOUNT</th>
<th>AMP. INFO</th>
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<tbody>
<tr>
<td>OAS</td>
<td>CLEARANCE &amp; VICTIM ASSISTANCE</td>
<td>€ 567,000</td>
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<tr>
<td>UN</td>
<td>CLEARANCE</td>
<td>€ 50,000</td>
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<td>NATO</td>
<td>CLEARANCE</td>
<td>€ 35,000</td>
<td>IN MAURITANIA</td>
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<td>(UNO) BCPR</td>
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<td>€ 500,000</td>
<td>CONF. PREV.</td>
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<tr>
<td>COLOMBIA</td>
<td>VICTIM ASSISTANCE</td>
<td>€ 744,000</td>
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<td>LEBANON</td>
<td>CLEARANCE</td>
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<td>LEBANON</td>
<td>CLEARANCE</td>
<td>€ 307,383</td>
<td>DanChurchAid</td>
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<td>CONGO DR</td>
<td>CLEARANCE, VICTIM ASSISTANCE &amp; RISK EDUCATION</td>
<td>€ 301,306</td>
<td>DanChurchAid</td>
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<td>RECEIVER</td>
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<td>---------------------------------------------------------------------------</td>
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<tr>
<td>COLOMBIA</td>
<td>VICTIM ASSISTANCE</td>
<td>€ 198,900</td>
<td>Moviment per la Pau</td>
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<td>COLOMBIA</td>
<td>VICTIM ASSISTANCE</td>
<td>€ 295,416</td>
<td>Handicap International</td>
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<tr>
<td>CHILE, COLOMBIA, EL SALVADOR, GUATEMALA, MEXICO, NICARAGUA, URUGUAY</td>
<td>PROMOTIONAL ACTIVITIES</td>
<td>56,884.05 USD</td>
<td>Entry of 14 delegates of 8 countries to CMR meeting in Laos</td>
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<tr>
<td>KOSOVO (KFOR)</td>
<td>DISPOSAL AND CLEARANCE</td>
<td>€ 150,000 (IN KIND)</td>
<td>OPERATIONAL AID</td>
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<td>AFGHANISTAN (ISAF)</td>
<td>DISPOSAL AND CLEARANCE</td>
<td>€ 1,280,000 (IN KIND)</td>
<td>OPERATIONAL AID</td>
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### Cluster Munitions-Spain

#### Spanish Contribution

<table>
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<tr>
<th>RECEIVER</th>
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<th>AMP. INFO</th>
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<tbody>
<tr>
<td>Lebanon (UNFIL)</td>
<td>Disposal and Clearance (EXPAL’s Neutralizing Charges)</td>
<td>€ 920,000 (In Kind)</td>
<td>Operational Aid</td>
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<tr>
<td>18 Countries</td>
<td>Formation &amp; Training (Shared)</td>
<td>More than € 3,000,000</td>
<td>International Demining Centre</td>
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SPAIN: METHODOLOGY AND EXPERIENCES

ANY QUESTIONS?