

# *CLUSTER MUNITIONS*

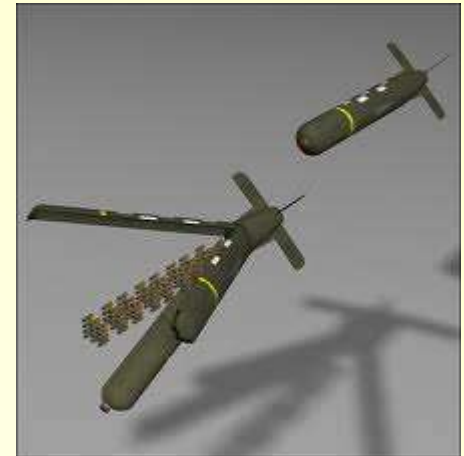
## *SPAIN: METHODOLOGY AND EXPERIENCES*



# *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**





# *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 29<sup>TH</sup> , 2008**

**- ALL DESTROYED BUT 393 BME-330**

**SECOND STAGE:**

**-DEADLINE JUNE 20<sup>TH</sup> , 2009**

**-ALL DESTROYED.**

**- TOTAL COST: € 4,911,357.45**



# *CLUSTER MUNITIONS-SPAIN*

## *GENERAL FIGURES*

### **- TOTAL NUMBER OF CLUSTER MUNITIONS:**

**- 3802 MAT-120 & ESPIN 21**

**- 575 CBU-100/99**

**- 385 BME-330**

**4762 CM → 232,647 BOMBLETS**

### **- TOTAL COST:**

**- € 4,911,357.45**

**THAT MAKES € 21.1 / BOMBLET**



# CLUSTER MUNITIONS-SPAIN

## CM FOR TRAINING AND RESEARCH

### - RETAINED STOCKPILE:

#### - UNDER ARTICLE 3.6 OF CCM

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



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



# ***CLUSTER MUNITIONS-SPAIN DETAILED PROCESS***

## ***-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 BUSSINES UNIT OF MAXAM CORP.) AT EL GORDO, CÁCERES.**

## ***- PROCESS:***

- DIFERENT PROCESSES FOR EACH TYPE:**
  - MAT 120/ ESPIN 21**
  - CBU 99/100**
  - BME 330**
- GENERAL LINES FOR ALL OF THEM SHOWN IN NEXT SLIDE**

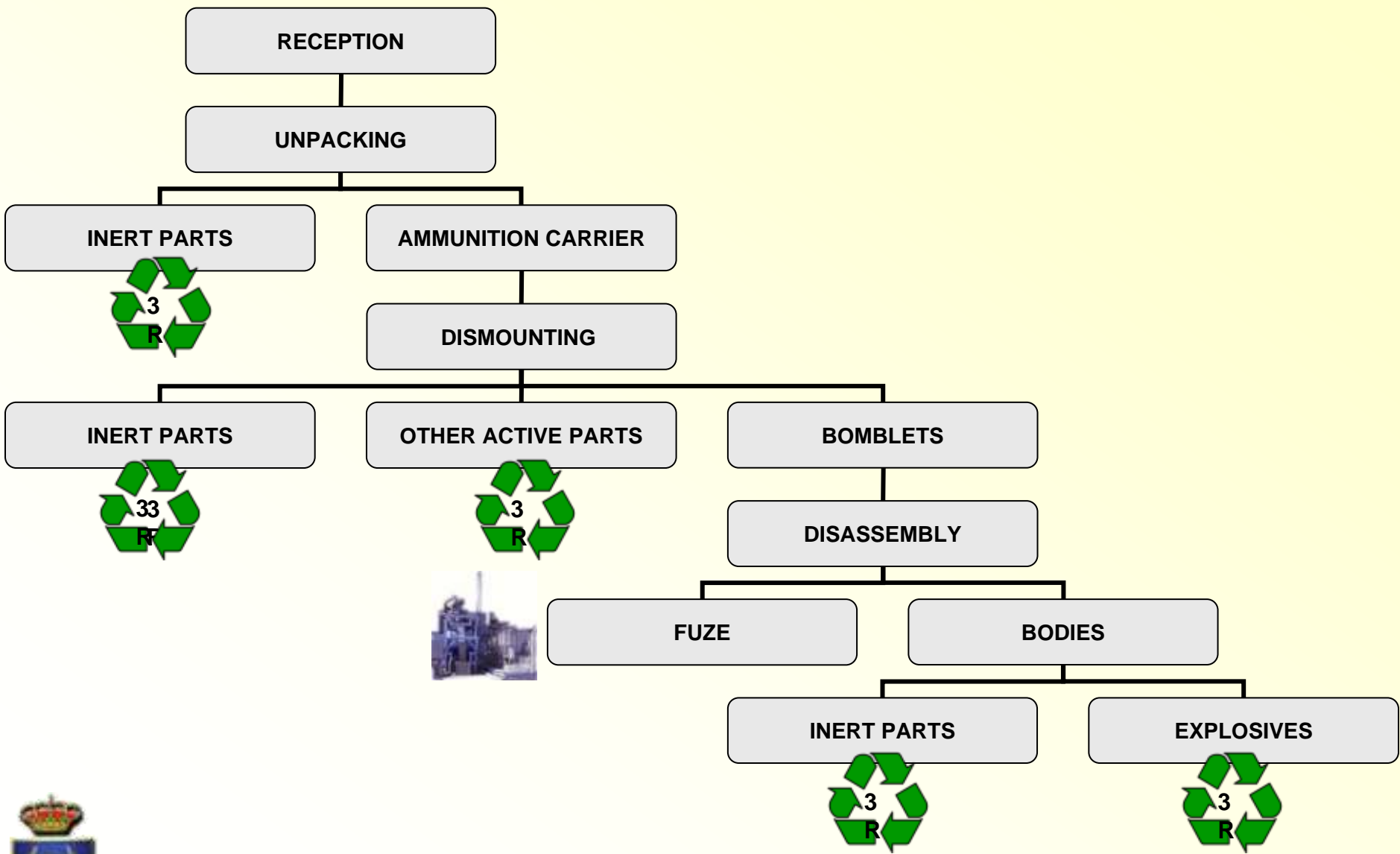


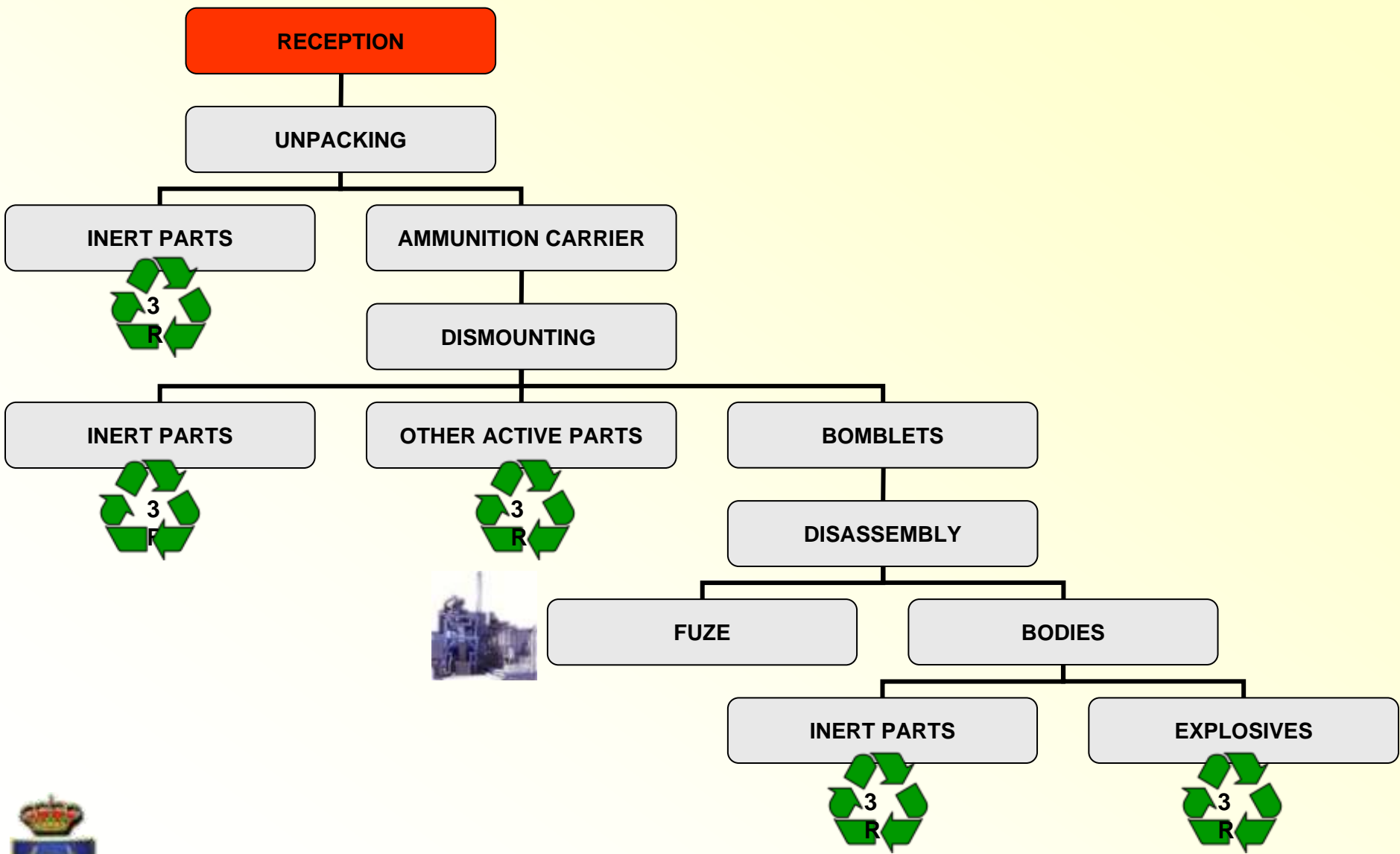




EXPAL  
Your ally in Defence



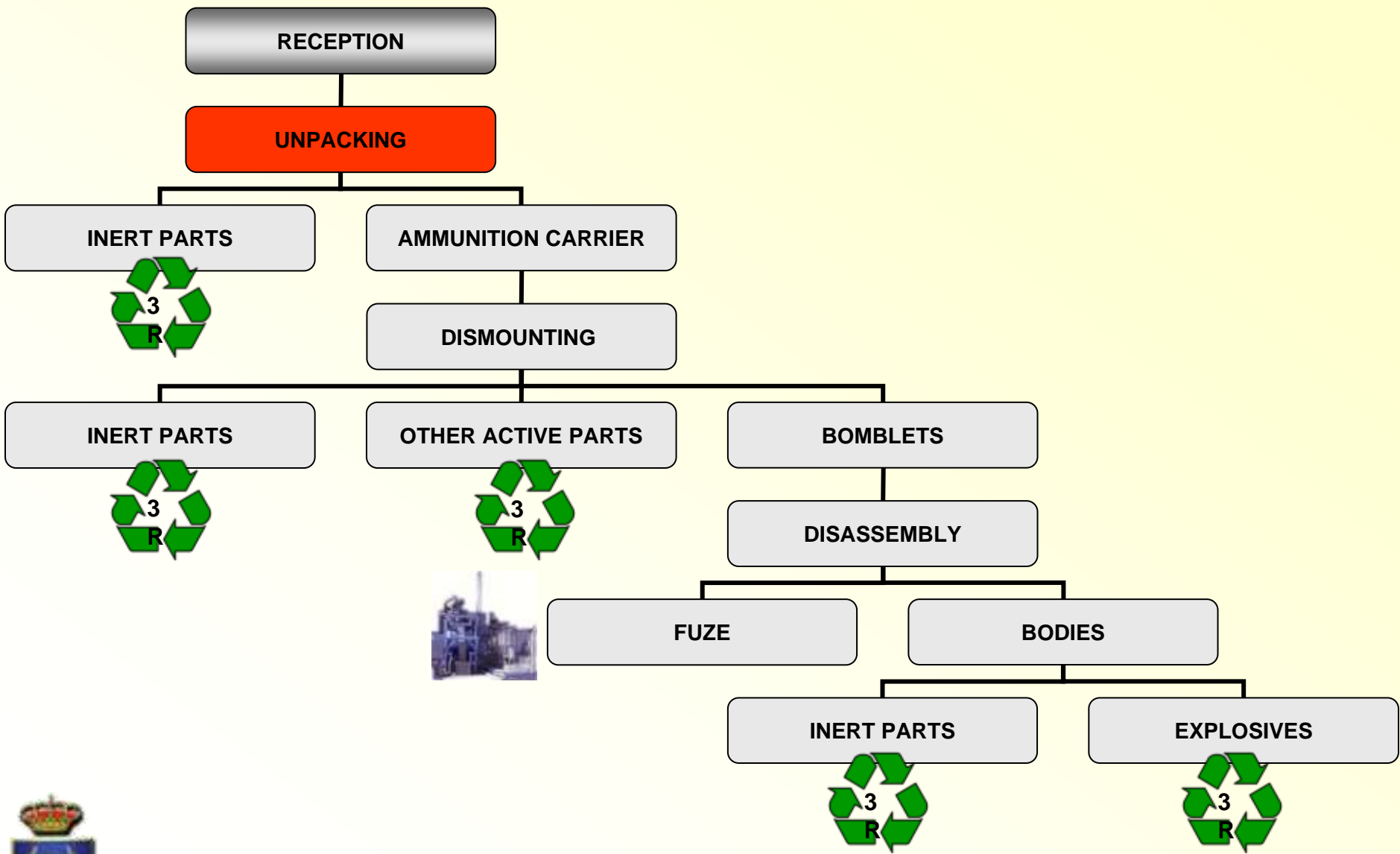




# RECEPTION

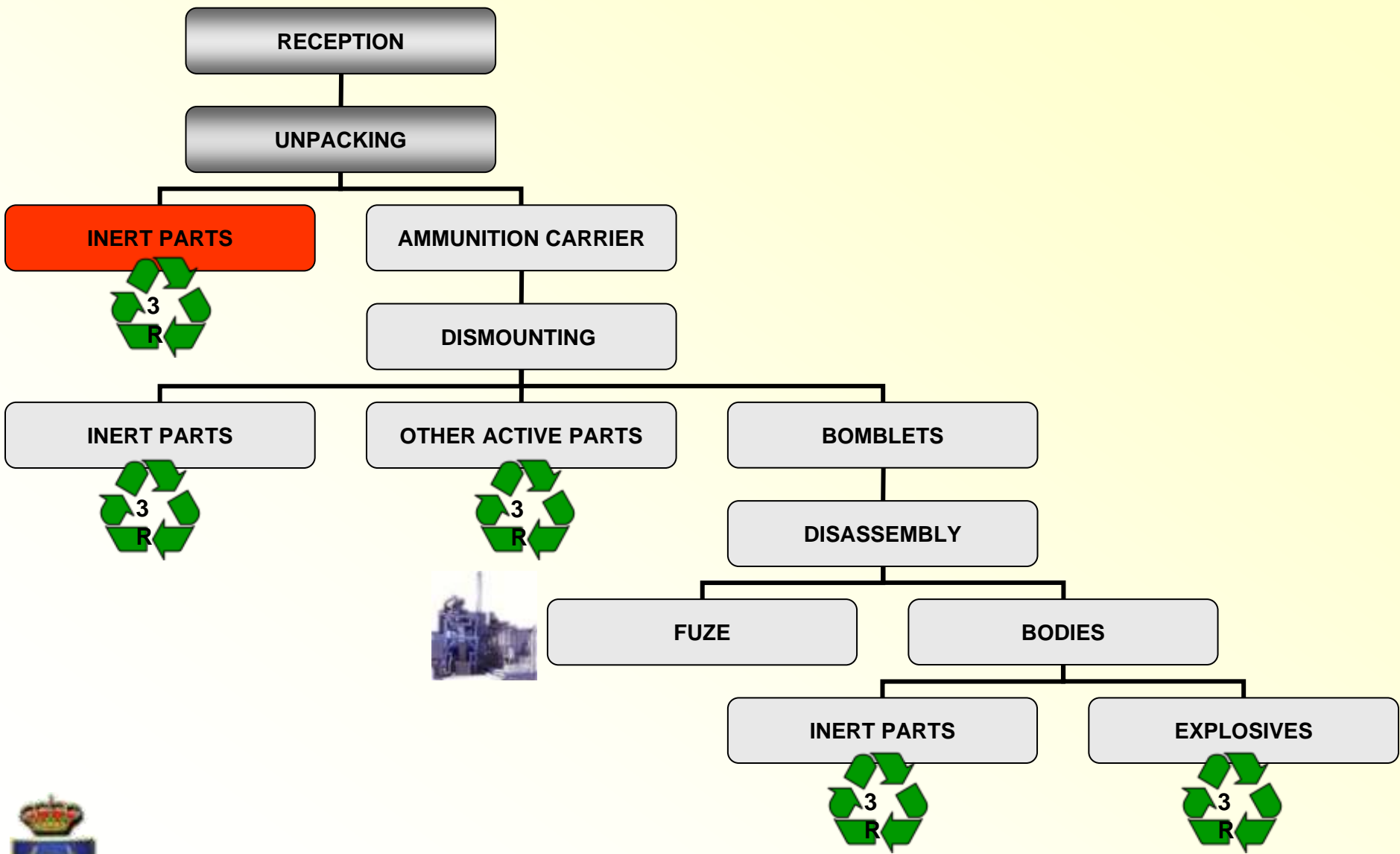






# *UNPACKING*

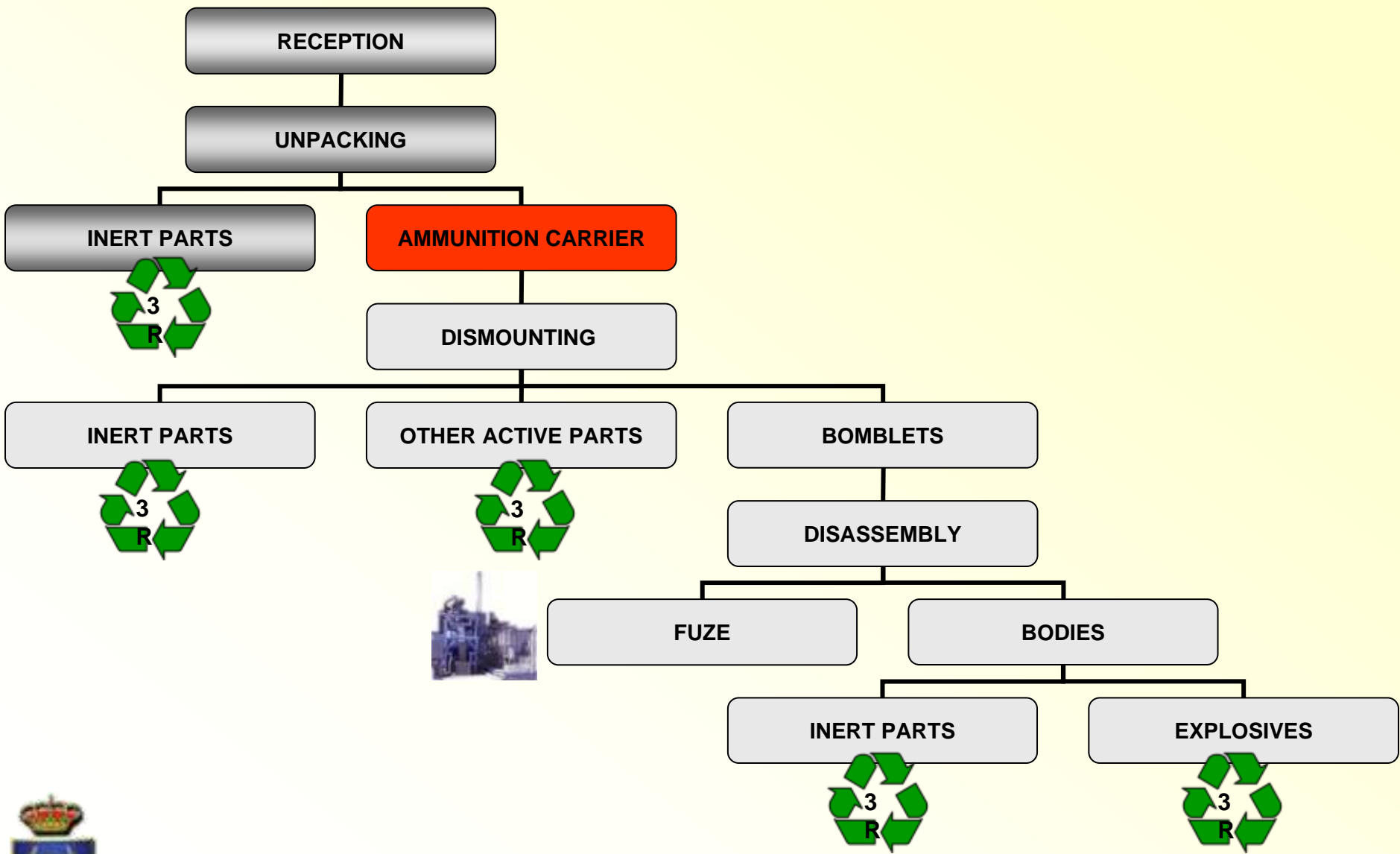




# *INERT PARTS*

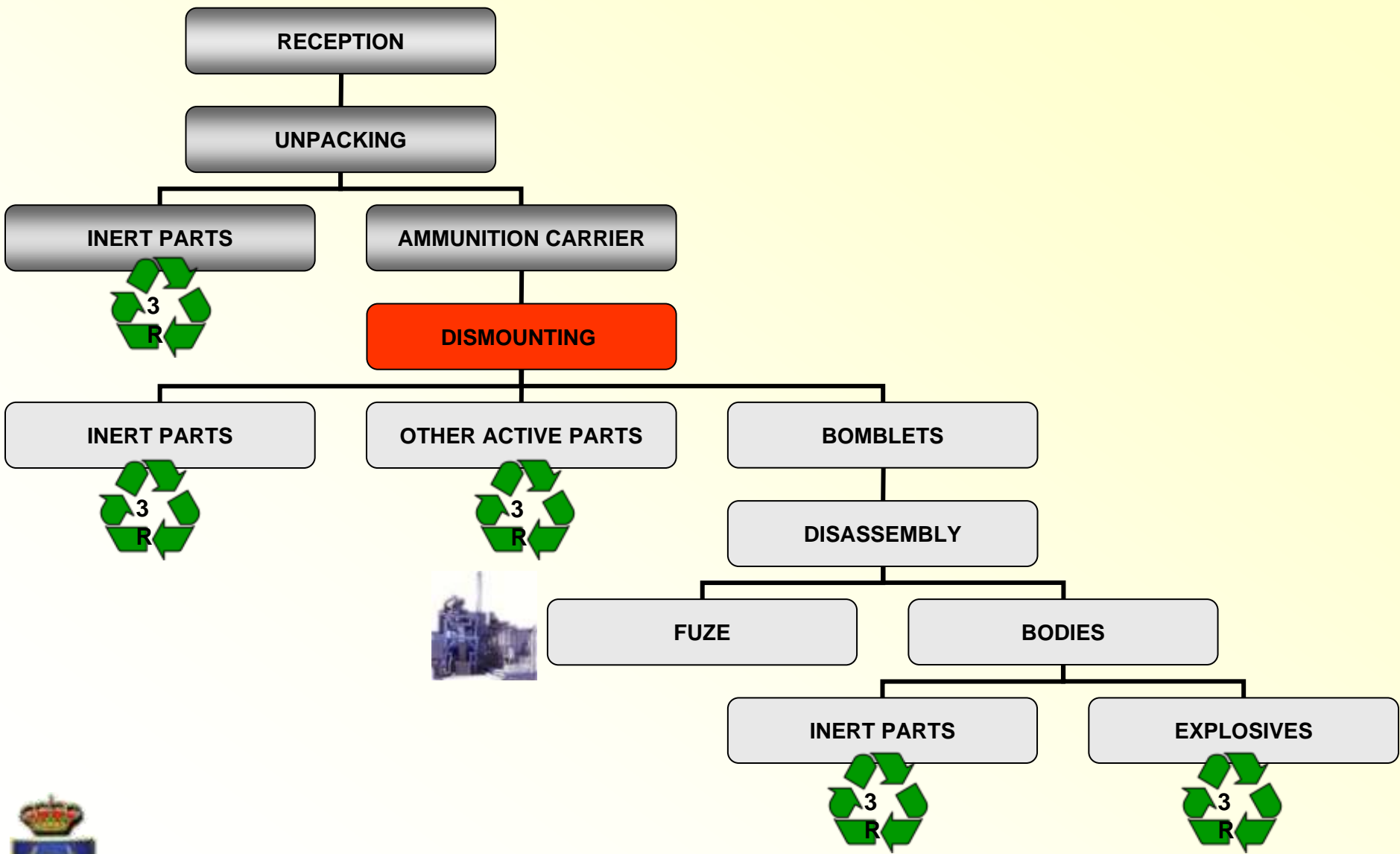






# *AMMUNITION CARRIER*

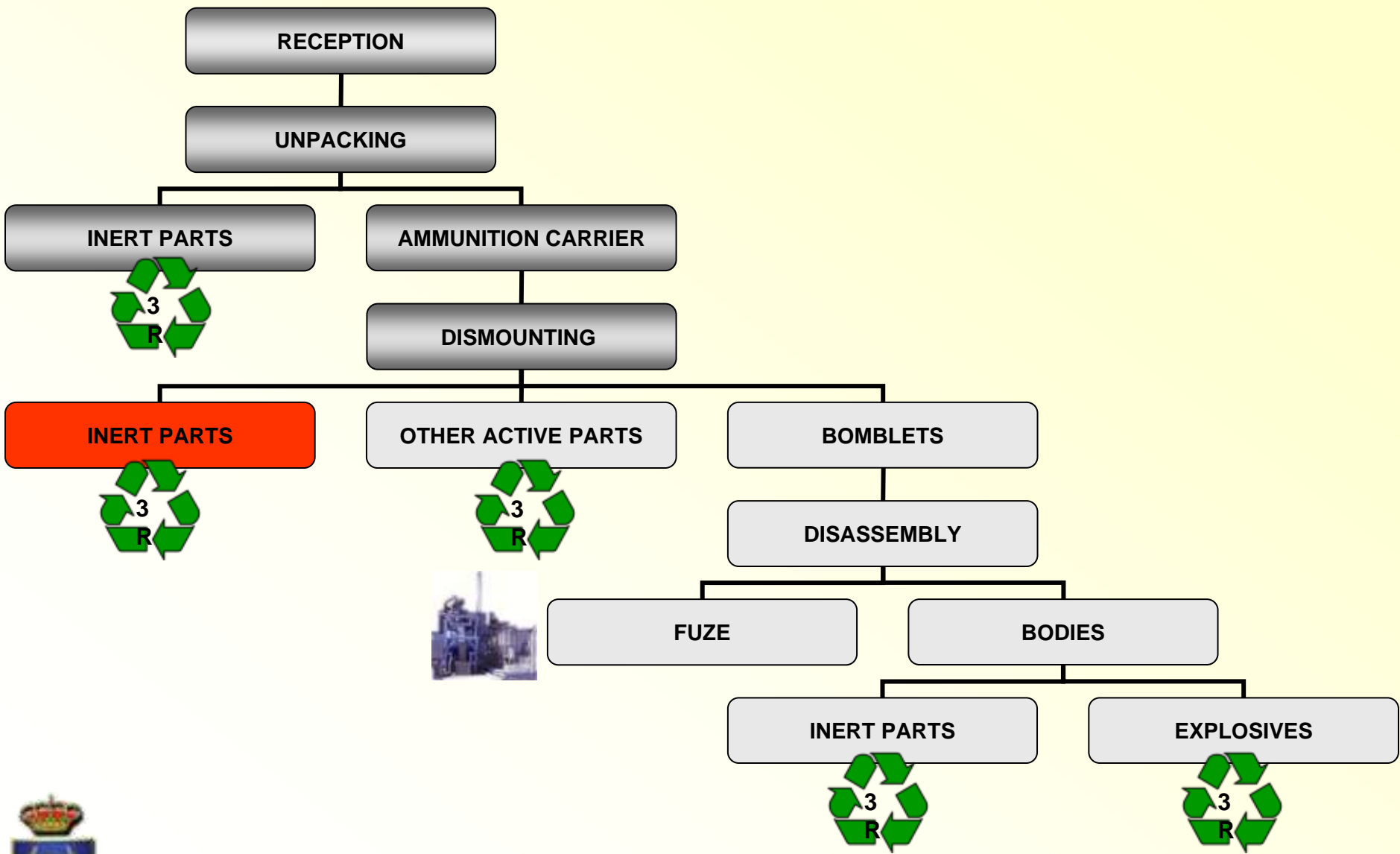




# *DISMOUNTING*

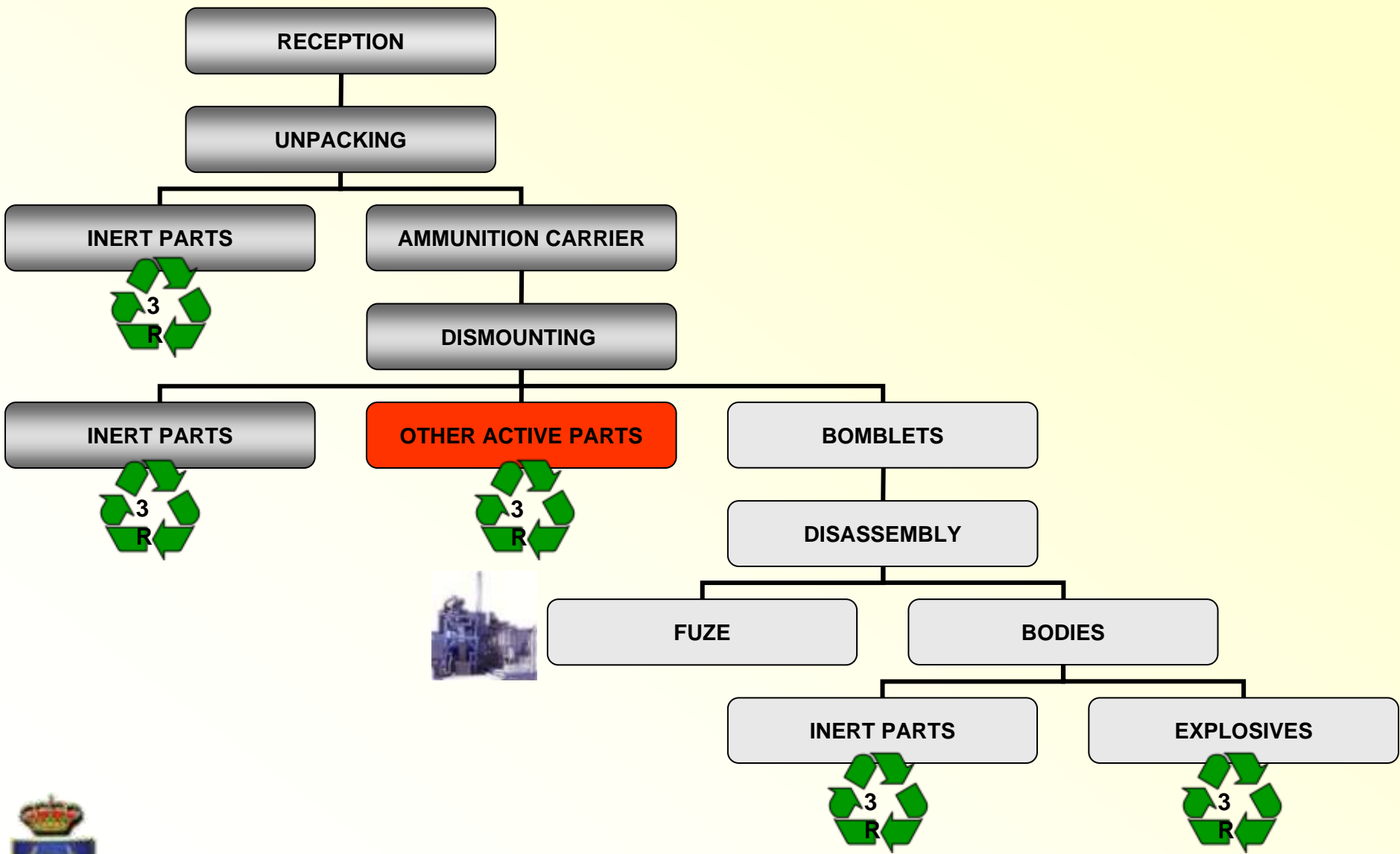






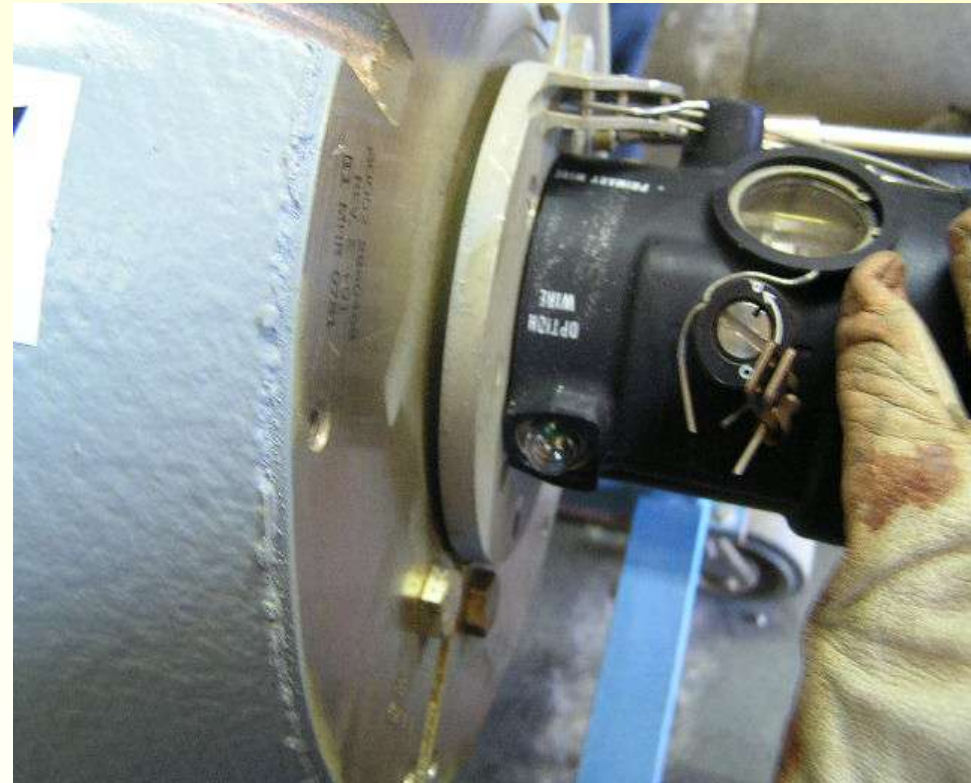
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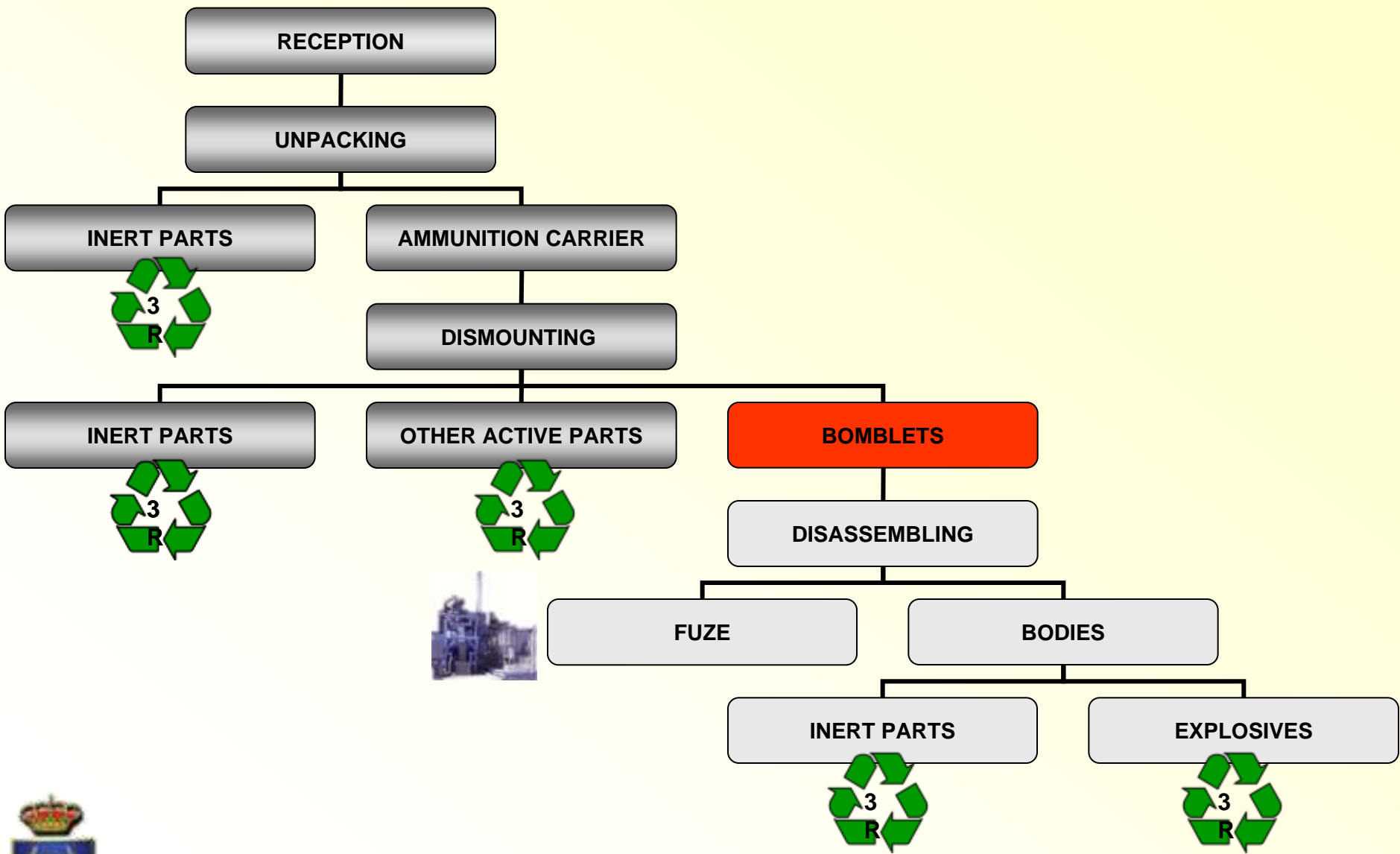






# *OTHER ACTIVE PARTS*

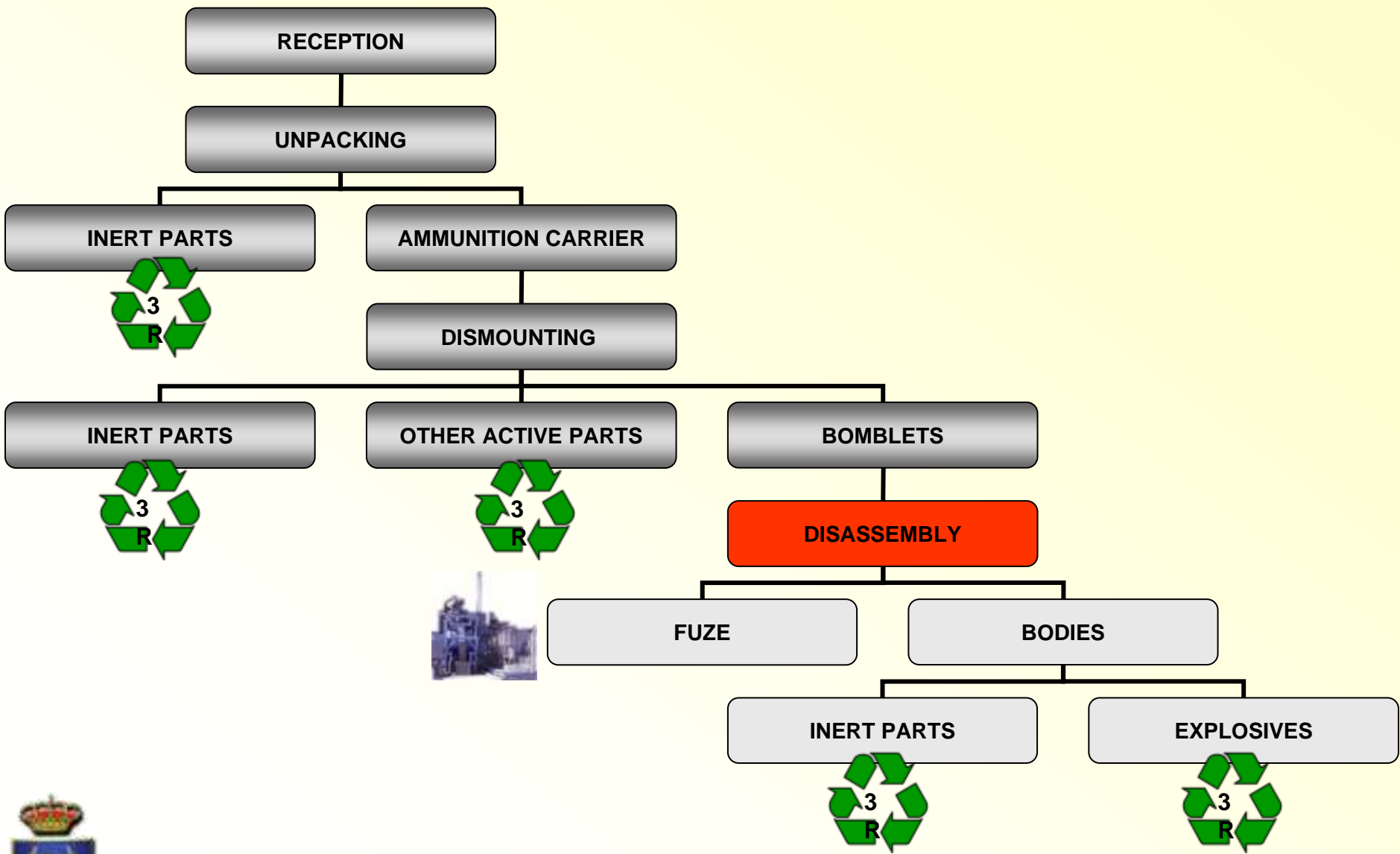






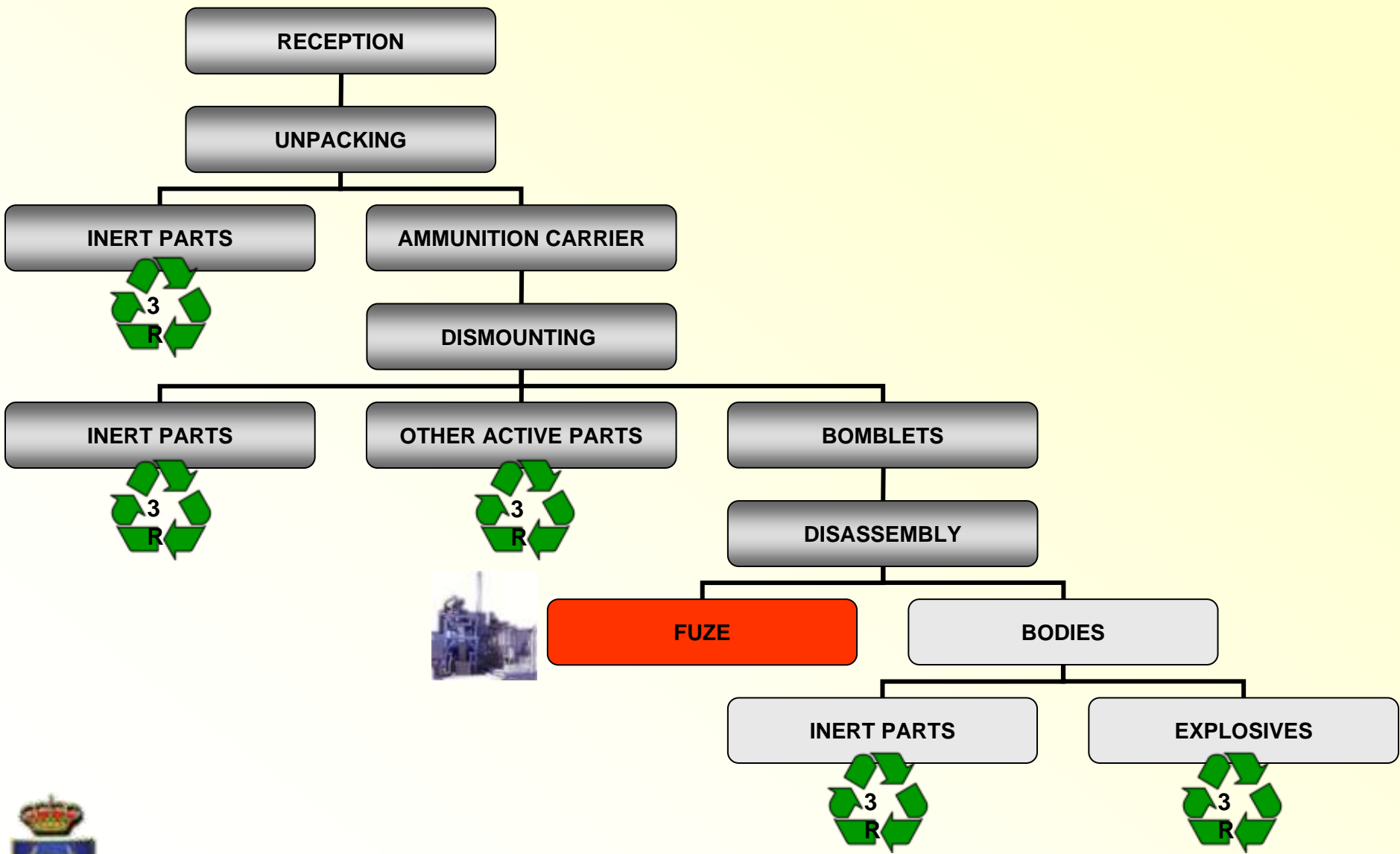
# *BOMBLETS*





# *DISASSEMBLY*







# *BOMBLET FUZE*

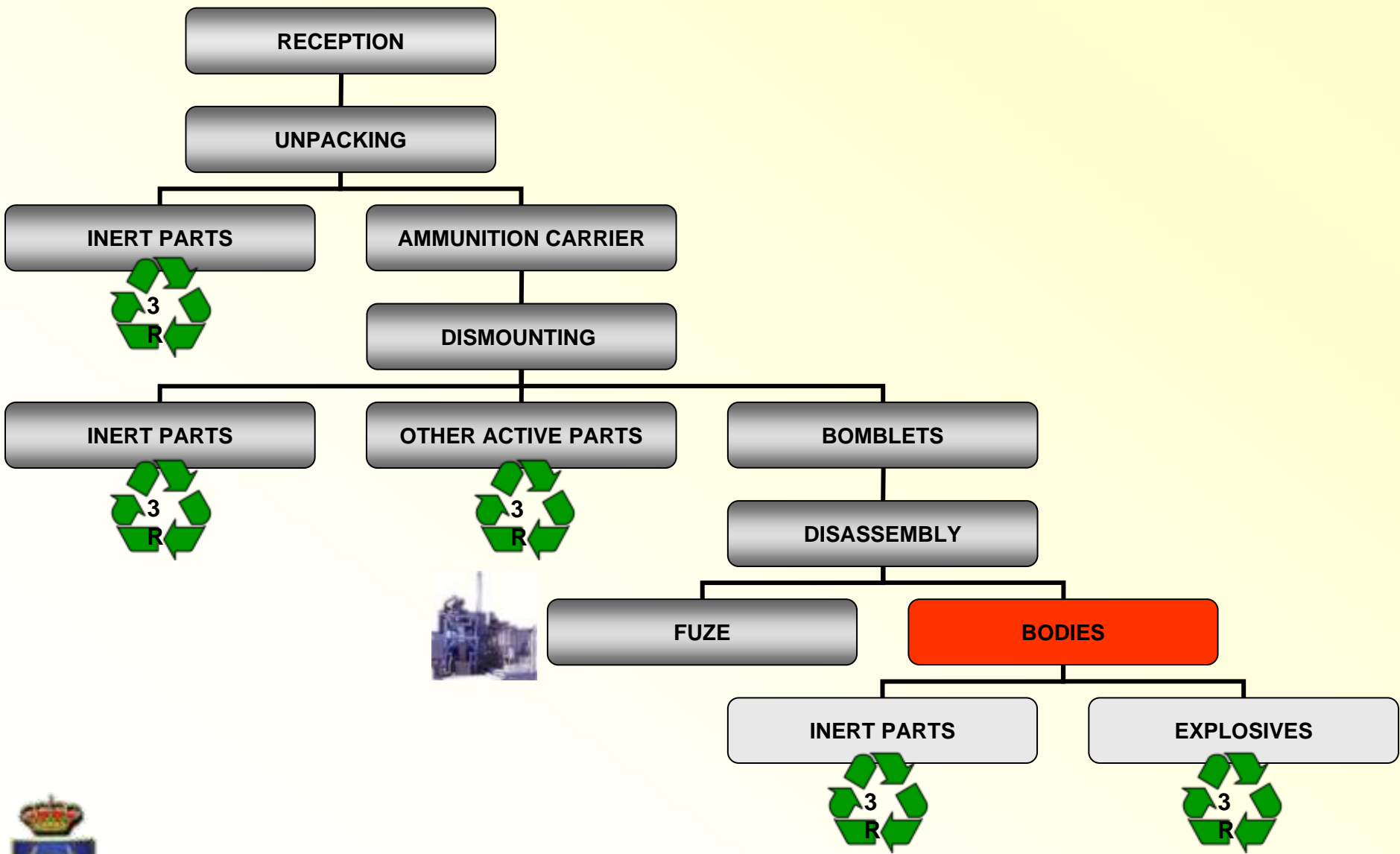






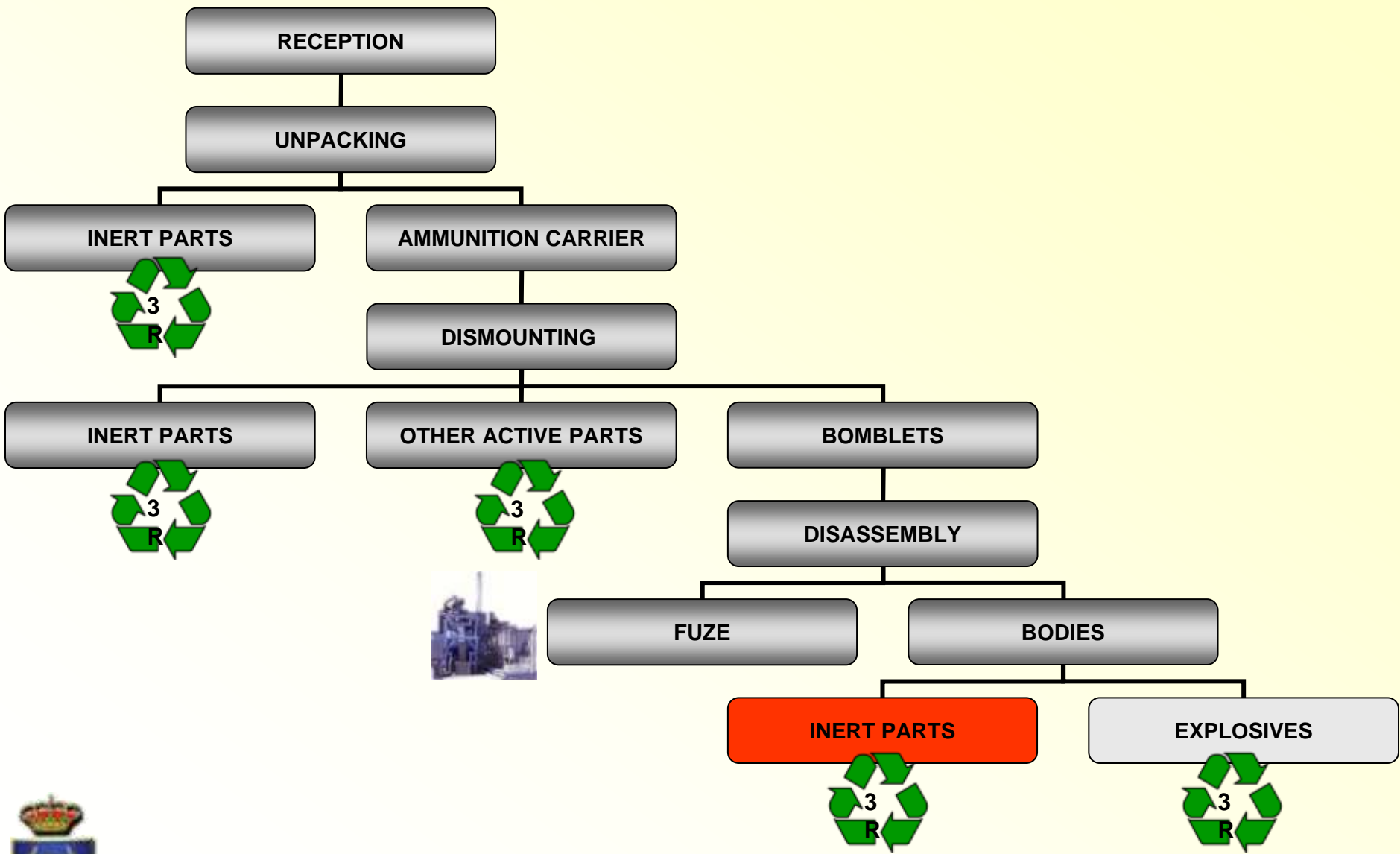
**Unidad de Verificación Española**  
Estado Mayor de la Defensa DIVESPLA

LTC. Iñigo Laquidain Hergueta



# *BOMBLET BODIES*



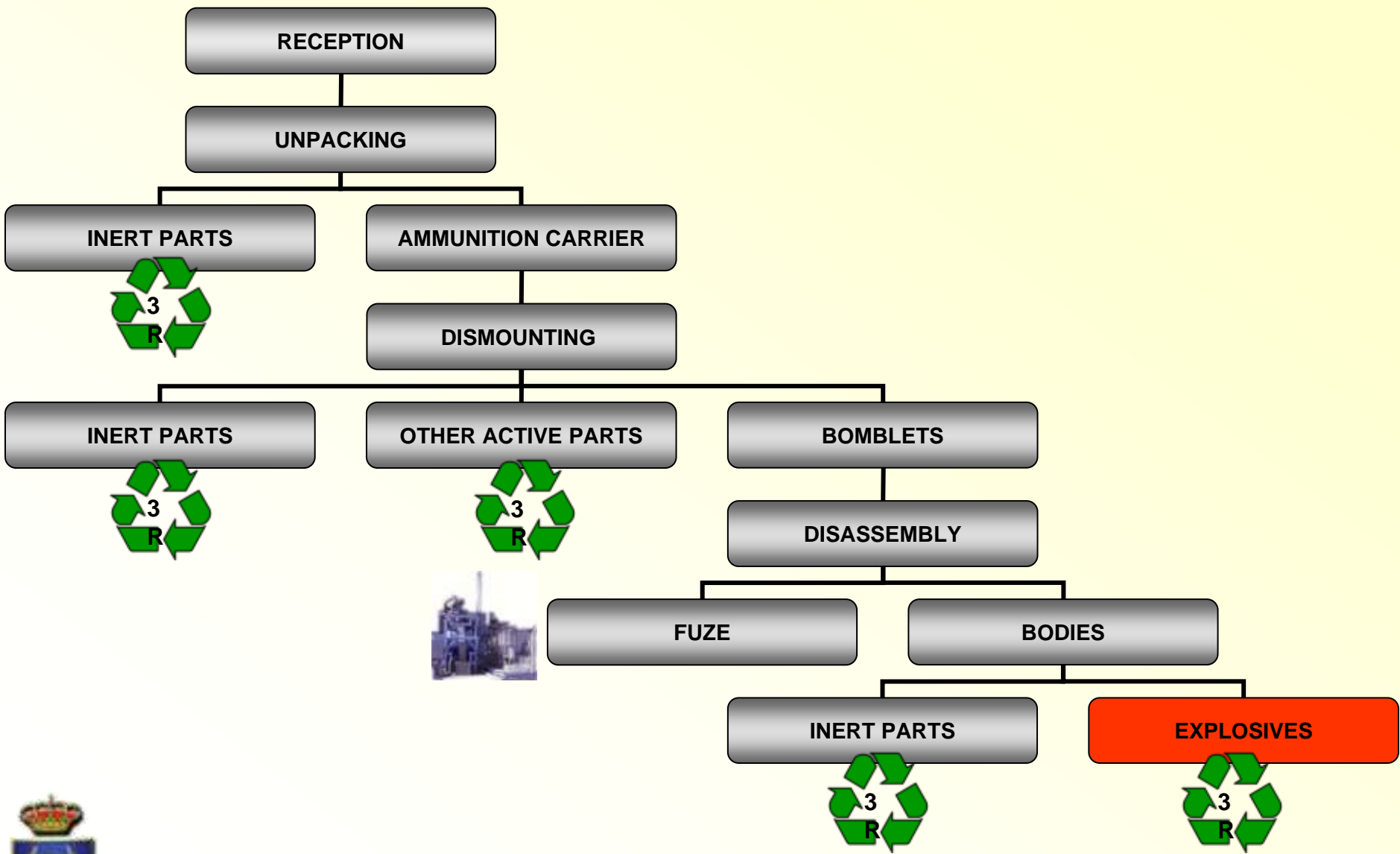




# *INERT PARTS*







# *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**



# *CLUSTER MUNITIONS-SPAIN*

## *SPANISH CONTRIBUTION*

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

RECEIVER	ACTIVITY	AMOUNT	AMP. INFO
OAS	CLEARANCE & VICTIM ASSISTANCE	€ 567,000	
UN	CLEARANCE	€ 50,000	
NATO	CLEARANCE	€ 35,000	IN MAURITANIA
(UNO) BCPR		€ 500,000	CONF. PREV.
COLOMBIA	VICTIM ASSISTANCE	€ 744,000	
LEBANON	CLEARANCE	€ 600,000	COORD. BY MAG
LEBANON	CLEARANCE	€ 307,383	DanChurchAid
CONGO DR	CLEARANCE, VICTIM ASSISTANCE & RISK EDUCATION	€ 301,306	DanChurchAid





# *CLUSTER MUNITIONS-SPAIN*

## *SPANISH CONTRIBUTION*

RECEIVER	ACTIVITY	AMOUNT	AMP. INFO
COLOMBIA	VICTIM ASSISTANCE	€ 198,900	Moviment per la Pau
COLOMBIA	VICTIM ASSISTANCE	€ 295,416	Handicap International
CHILE, COLOMBIA, EL SALVADOR, GUATEMALA, MEXICO, NICARAGUA, URUGUAY	PROMOTIONAL ACTIVITIES	56,884.05 USD	Entry of 14 delegates of 8 countries to CMR meeting in Laos
KOSOVO (KFOR)	DISPOSAL AND CLEARANCE	€ 150,000 (IN KIND)	OPERATIONAL AID
AFGHANISTAN (ISAF)	DISPOSAL AND CLEARANCE	€ 1,280,000 (IN KIND)	OPERATIONAL AID



# *CLUSTER MUNITIONS-SPAIN*

## *SPANISH CONTRIBUTION*

RECEIVER	ACTIVITY	AMOUNT	AMP. INFO
LEBANON (UNFIL)	DISPOSAL AND CLEARANCE ( <i>EXPAL'S NEUTRALIZING CHARGES</i> )	€ 920,000 (IN KIND)	OPERATIONAL AID
18 COUNTRIES	FORMATION & TRAINING (SHARED)	MORE THAN € 3,000,000	INTERNATIONAL DEMINING CENTRE



# *CLUSTER MUNITIONS*

## *SPAIN: METHODOLOGY AND EXPERIENCES*

