



Let's keep nations together

NAMSA

NATO Maintenance and Supply Agency
Agence OTAN d'Entretien et d'Approvisionnement

Stockpile Destruction in Albania And Other NATO PfP Trust Fund Projects

**Prepared for:
Stockpile Destruction Committee
Geneva**

**Presented by:
Peter COURTNEY-GREEN
Chief, Ammunition Section
Special Projects Programme**

31 January 2002



NAMSA's MISSION

Provide and Manage Logistic Support for NATO Nations

- **Managing, letting contracts, providing specialised technical services for:**
 - **Maintenance**
 - **Supply**
 - **Transportation**
 - **Engineering data interchange**
 - **Quality Assurance**
 - **Contingency Support**
- **In peacetime and in time of crisis**



ISO 9002 certified



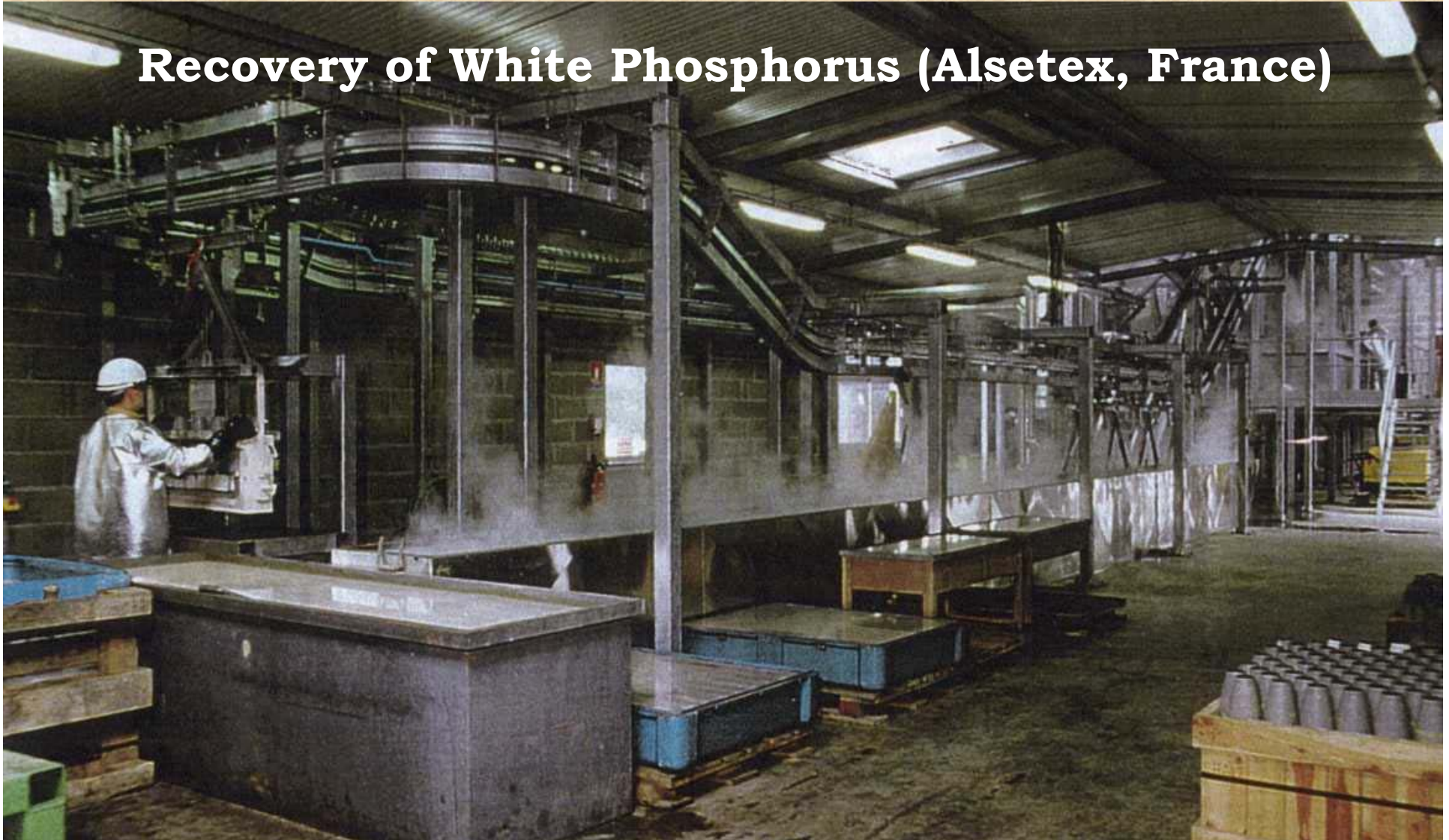
NAMSA DEMILITARIZATION PROJECTS

- **NUMBER OF CONTRACTS: 52**
- **CUSTOMERS:**
Denmark, France, Greece, Italy, NATO, Netherlands, Norway, Portugal, Spain, UK, US
- **CONTRACTORS IN:**
Albania, France, Germany, Italy, Norway, Spain, UK, Ukraine
- **TYPES OF AMMUNITION:**
 - **GUIDED MISSILES & ROCKETS**
 - **SMALL, MEDIUM AND LARGE CALIBRE GUN AMMUNITION**
 - **IMPROVED CONVENTIONAL MUNITIONS**
 - **GRENADES AND MORTAR AMMUNITION**
 - **LAND MINES AND SEA MINES**
 - **PYROTECHNIC AND LACHRYMATORY AMMUNITION**
 - **WHITE PHOSPHORUS AMMUNITION**
 - **DEPLETED URANIUM**
 - **BOMBS AND CLUSTER BOMBS**
 - **BULK LIQUID PROPELLANTS**



INDUSTRIAL SCALE DEMILITARIZATION

Recovery of White Phosphorus (Alsetex, France)





NATO PfP TRUST FUND

- **To help Partner nations meet Ottawa Convention obligations**
- **Extended to cover all munitions**
- **Now covers all parts of Partnership Work Programme**
- **Extended to include nations of Mediterranean Dialogue and South East Europe Initiative**
- **Projects have joint sponsors: NATO nation + Partner nation**
- **Any nation or international organization may be donors**
- **NAMSA acts as executing agent**



NATO PfP TRUST FUND

	Albania
	Armenia
	Austria
	Azerbaijan
	Belarus
	Bulgaria
	Estonia
	Finland
	Georgia
	Ireland
	Kazakhstan
	Kyrgyz Republic
	Latvia

	Lithuania
	Moldova
	Romania
	Russia
	Slovakia
	Slovenia
	Sweden
	Switzerland
	the former Yugoslav Republic of Macedonia
	Tajikistan
	Turkmenistan
	Ukraine
	Uzbekistan

* Turkey recognizes the Republic of Macedonia by its constitutional name



NAMSA PFP TRUST FUND PROJECTS

<p>ALBANIA</p>	
<p>UKRAINE</p>	
<p>MOLDOVA</p>	



ALBANIA APM STOCKPILE DESTRUCTION PROJECT



Austria



Canada



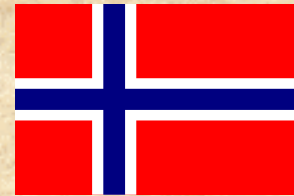
Netherlands



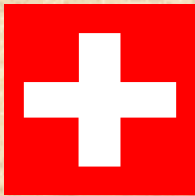
United Kingdom

Joint Sponsors

Albania



Norway



Switzerland

Executing Agency

NAMSA



Hungary

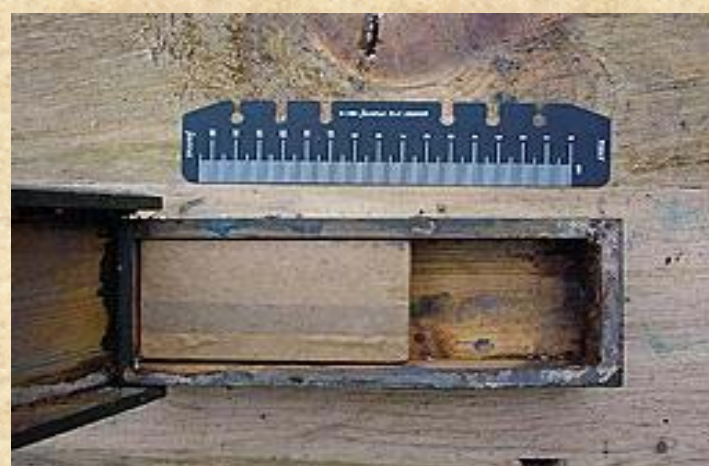
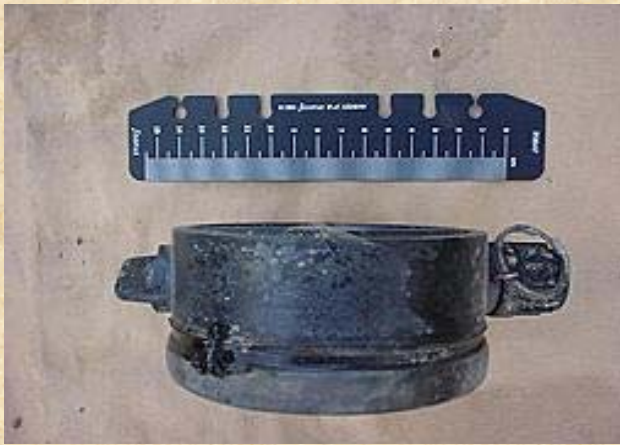


Belgium



NATO Pfp TRUST FUND

TYPES OF APM IN ALBANIAN STOCKPILES





NATO PfP TRUST FUND

Transportation

Storage

Unpacking

Manual disassembly

Crush TNT charges

Crush mine bodies

Destroy mine fuzes

ALBANIA

MINE DESTRUCTION PROCESS

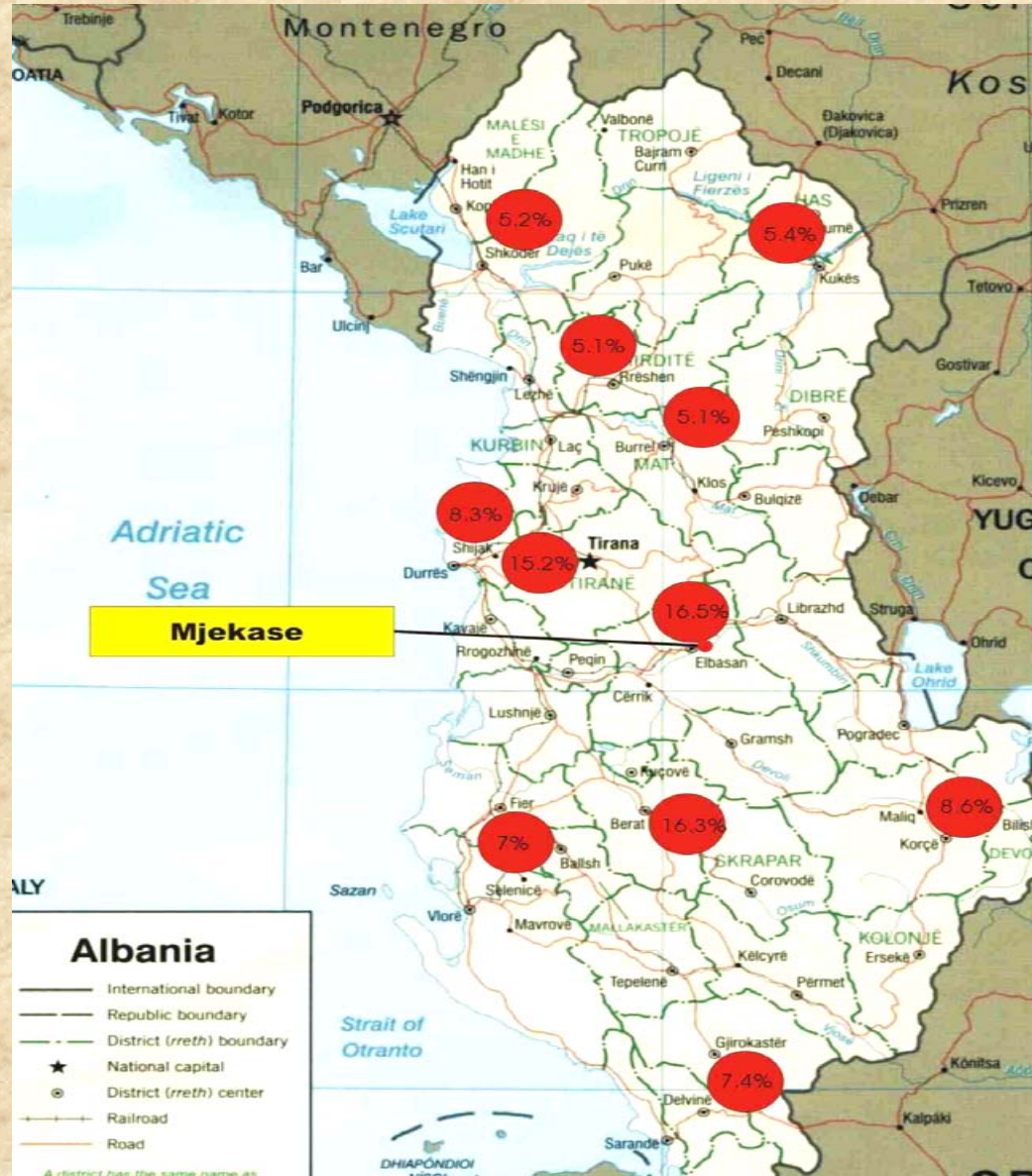
Recycle TNT

Landfill



ALBANIA APM STOCKPILE DESTRUCTION PROJECT

Distribution of Mines





ALBANIA APM STOCKPILE DESTRUCTION PROJECT

EAPC PFP Trust Fund

**Mjekës
Demilitarization Contract**

NAMSA-Canada Umbrella Agreement

Technical Assistance Contract

**Contribution Agreement
NATO – Contributing Nations**

**Albanian Army
Transportation Contract**

Albania-NAMSO MOU

NAMSA Consultancy Contract



NATO PFP TRUST FUND

Chinese TNT Mill





BAKELITE MINE BODY CRUSHER



Container



EBV Crusher



Crushed Bodies



NATO PFP TRUST FUND

TNT CRUSHER



Loading Tray



Feeding Tray



Crushed TNT



Autoclave for PMN Mines





Refurbishment of the Building



Before...

...after





Refurbishment of the Building



Before...

...after





NATO PFP TRUST FUND

PROCESSING TNT BLOCKS BEFORE AND AFTER REFURBISHMENT

...after



Before...





NATO PFP TRUST FUND

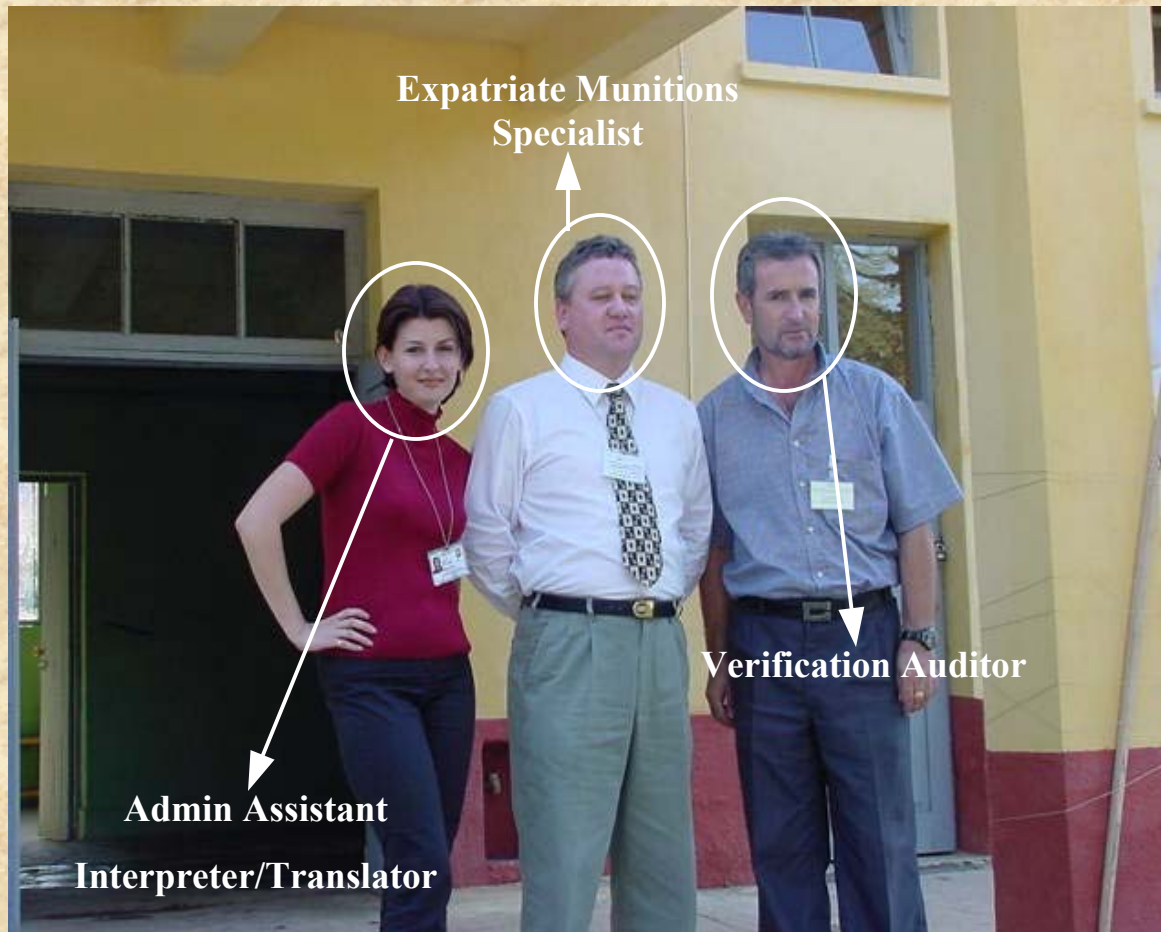


**FILM CLIP
PROCESS LINE IN OPERATION**



NATO PFP TRUST FUND

IN-COUNTRY TEAM





HOST COUNTRY CONTRIBUTION





VERIFICATION AUDITOR CHECKS MINES INLOADING





PROJECT MANAGEMENT

3 LEVELS:

NAMSA: Overall project management

In-country Team: Project supervision and implementation

Host Country: Transportation of mines
Provision of office facilities in MOD
Cooperation at all levels



NAMSA PROJECT MANAGEMENT ACTIVITIES

**ASSESSMENT &
PLANNING**

DEVELOPMENT OF FULLY INTEGRATED PROJECT PROPOSAL

**INTERNATIONAL
AGREEMENTS**

**AGREEMENT WITH SPONSOR COUNTRY
MOU WITH PARTNER COUNTRY**

CONTRACTING

**CONSULTANCY, DEMILITARIZATION, TRANSPORTATION,
EQUIPMENT SUPPORT**

**FINANCIAL
MANAGEMENT**

**CALLING FUNDS FROM TRUST FUND
AUDITING AND PAYING CONTRACTORS' INVOICES
MAINTAINING ACCOUNTS
PRODUCING FINANCIAL REPORTS**

**ROUTINE
MANAGEMENT**

**IDENTIFYING AND SOLVING PROBLEMS, QUALITY ASSURANCE,
MANAGING PR, PROVIDING PERIODIC REPORTS TO SPONSOR
AND DONORS, ENSURING PROJECT MEETS DEADLINES**



PRESENTING THE FIRST DEMILITARIZED MINE TO THE SECRETARY GENERAL





ALBANIA APM STOCKPILE DESTRUCTION PROJECT

- **First project of its type**
- **Many challenges**
- **Targets: 16 months**
\$800.000
- **Project will lay foundations of demilitarization factory for work on other munitions stockpiles**



DISPOSAL OF ROCKET FUEL, AP MINES AND MUNITIONS IN MOLDOVA

- **Project sponsored by Netherlands**
- **Disposal of liquid propellant oxidizer**
- **Disposal of remaining APMs**
- **Disposal of surplus munitions**



DISPOSAL OF LIQUID PROPELLANT OXIDIZER





DISPOSAL OF ANTI-PERSONNEL LANDMINES





DISPOSAL OF ANTI-AIRCRAFT MISSILE WARHEADS





DEVELOPMENT OF DEMOLITION GROUND





SIGNING MOU WITH MOLDOVA





UKRAINE ANTI-PERSONNEL LANDMINE STOCKPILE DESTRUCTION PROJECT





UKRAINE ANTI-PERSONNEL LANDMINE STOCKPILE DESTRUCTION PROJECT



Proposed Ammunition Process Building

NATO UNCLASSIFIED



SECOND ALBANIA PROJECT: DESTRUCTION OF AMMUNITION FOR SMALL ARMS AND LIGHT WEAPONS

- ▶▶ Sponsored by Canada
- ▶▶ Phased project over 3-4 years
- ▶▶ First estimate: USD 7.6 million
- ▶▶ NAMSA initial research completed
- ▶▶ Project plan delivered 15 Dec 2001



POSSIBLE FUTURE PFP TRUST FUND PROJECTS

FYROM* APM

YUGOSLAVIA SALW, APM & UXO

GEORGIA SALW

UZBEKISTAN HOSPITAL EQUIPMENT

ALBANIA SALW

***Turkey recognises the Republic of Macedonia by its constitutional name**