

# UNDP HALONS PROGRAMME

## Global/Regional Programme

### Approved

- 1992: Technical assistance in halons
- 1992: Halons training programmes (Africa/Middle East)
- 1992: Halons training programme (Latin America)
- 1992: Global halons technical assistance programme  
(Argentina, Bahrain, Chile, China, Colombia, Guatemala,  
Panama, Philippines, Turkey, Uruguay, Zimbabwe)
- 1992: Procure 40 H-1211 recycling machines
- 1994: Halons small country action plan  
(Cuba, Ghana, Kenya, Sri Lanka, Uruguay: In 1996,  
UNDP transferred its small country halons programme  
to UNEP/Paris for design and implementation)

الجمهورية اللبنانية

مكتب وزير الدولة لشؤون التنمية الإدارية  
مركز مشاريع ودراسات القطاع العام

# UNDP HALONS PROGRAMME

## Country Activities (1)

**Technical assistance for national halons programmes and action plans, studies and workshops:**

**Argentina, Egypt, Mexico, Venezuela**

**Development of fire extinguishing codes and standards for use with non-halons replacements:**

**China, India, Philippines**

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## Country Activities (2)

**Development & testing of non-halons alternative systems:**

**China, India**

**H-1211 fire extinguishing company phaseout programmes:**

**India, Malaysia, Philippines, Uruguay**

# EGYPT HALON BANKING CONCEPT (1)

## H-1301 Existing

### Capacity (Order)

- Commercial Sector
- Petroleum Sector
- Armed forces
- Electrical Authority
- Suez Canal Authority
- Civil Aviation

## H-1301 Refill Amts

### Needed (Order)

- Commercial Sector
- Armed Forces
- Electrical Authority
- Suez Canal Authority
- Petroleum Sector
- Civil Aviation

# EGYPT HALON BANKING CONCEPT (2)

## H-1211 Existing

### Capacity (Order)

- Petroleum Sector
- Commercial Sector
- Armed forces
- Electrical Authority
- Suez Canal Authority
- Civil Aviation

## H-1211 Refill Amts

### Needed (Order)

- Armed Forces
- Commercial Sector
- Suez Canal Authority
- Petroleum Sector
- Electrical Authority
- Civil Aviation

# EGYPT HALON BANKING CONCEPT (3)

## Capital Costs (50%)

**Halon storage tanks, purification/reclamation  
recycling equipment, testing equipment, etc.**

## Operational Costs (50%)

**Technical assistance, training, expert costs,  
management of halon bank facilities, public  
awareness, operational costs, etc.**