



Workshop on the Implementation of Stockholm Convention and Synergies with other Chemical related MEAs

The Montreal Protocol on Substances that Deplete the Ozone Layer:

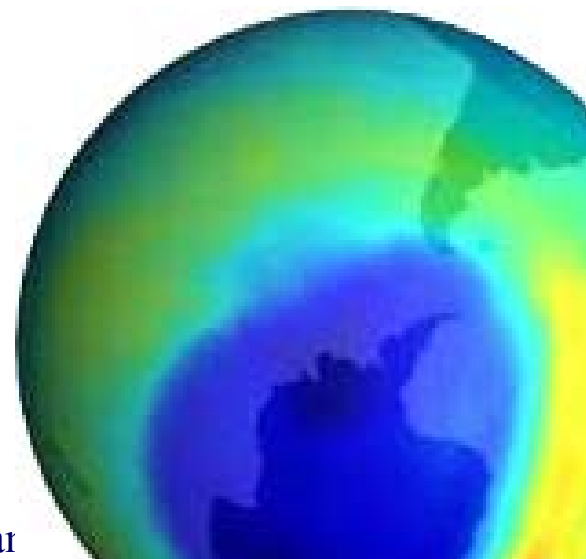
A MEA that Works

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An MEA that Works

“Perhaps the single most successful international environmental agreement to date has been the Montreal Protocol, in which states accepted the need to phase out the use of ozone-depleting substances”

Kofi Annan, 2000, “We the Peoples: the Role of the United Nations in the 21st Century”, pg 56



Prague Declaration

- **Seek alliance with other multilateral instruments like the Basel, Rotterdam and Stockholm conventions to contribute to an effective strategic approach to international chemicals management**
- **Declare the willingness of the Parties assembled in this City of Bridges to contribute to building bridges between the relevant multilateral environmental agreements and to help them draw inspiration from the success of the Montreal Protocol while, in turn, drawing inspiration from them in meeting future challenges**

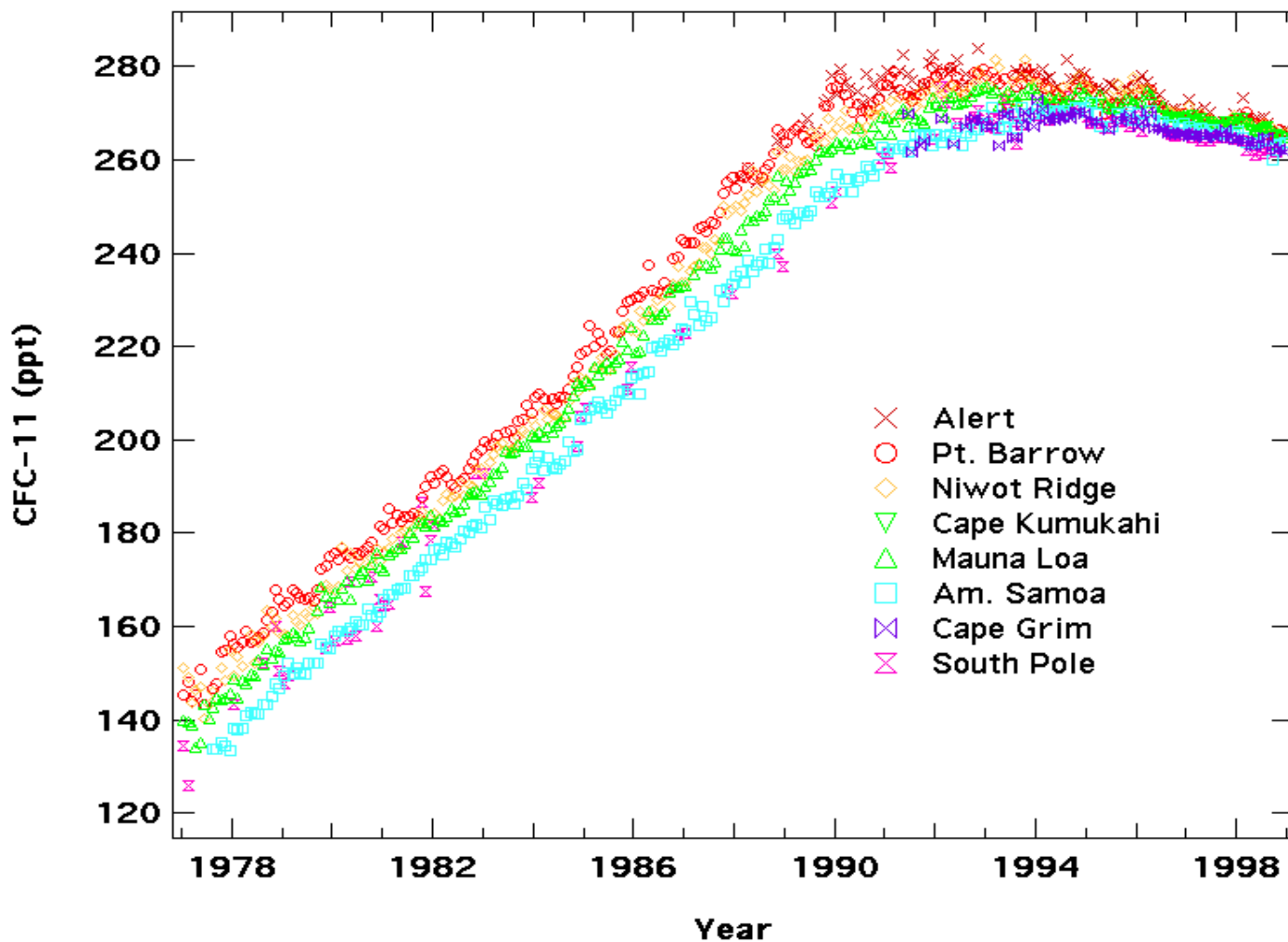
Prague Declaration, The sixteenth Meeting of Parties to the Montreal Protocol at Prague, Czech Republic Prague, 26 November 2004, 8 p.m.





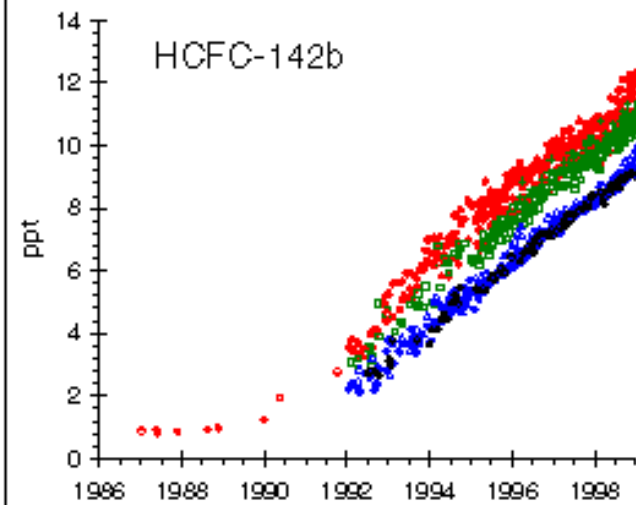
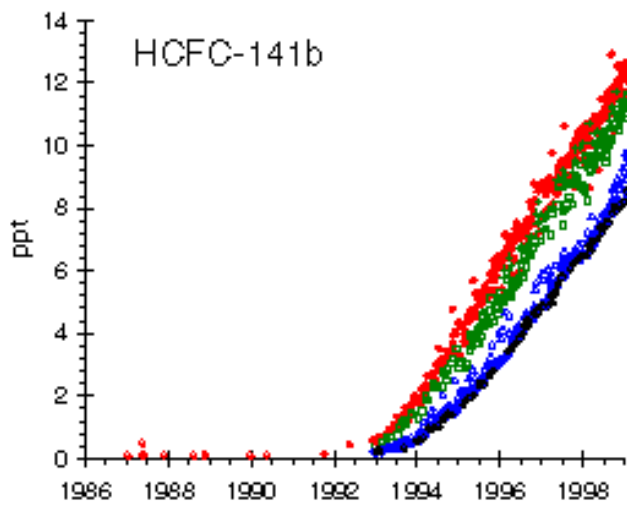
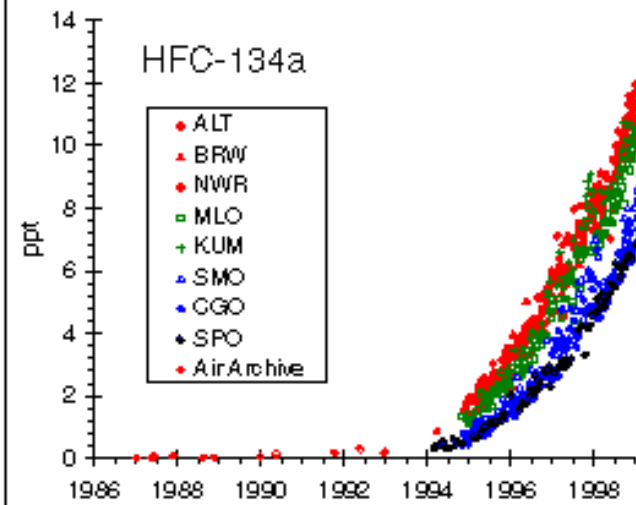
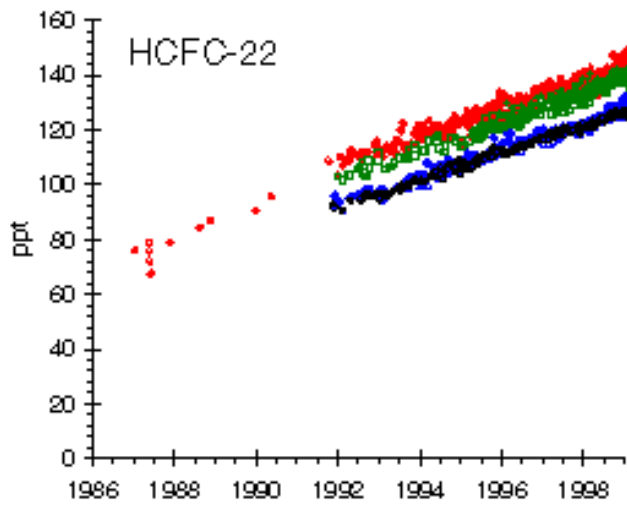
How do we know it works:

Atmospheric CFC-11 (ODS)



First published in *Nature* 364, 783-786 (1993) and updated by NOAA

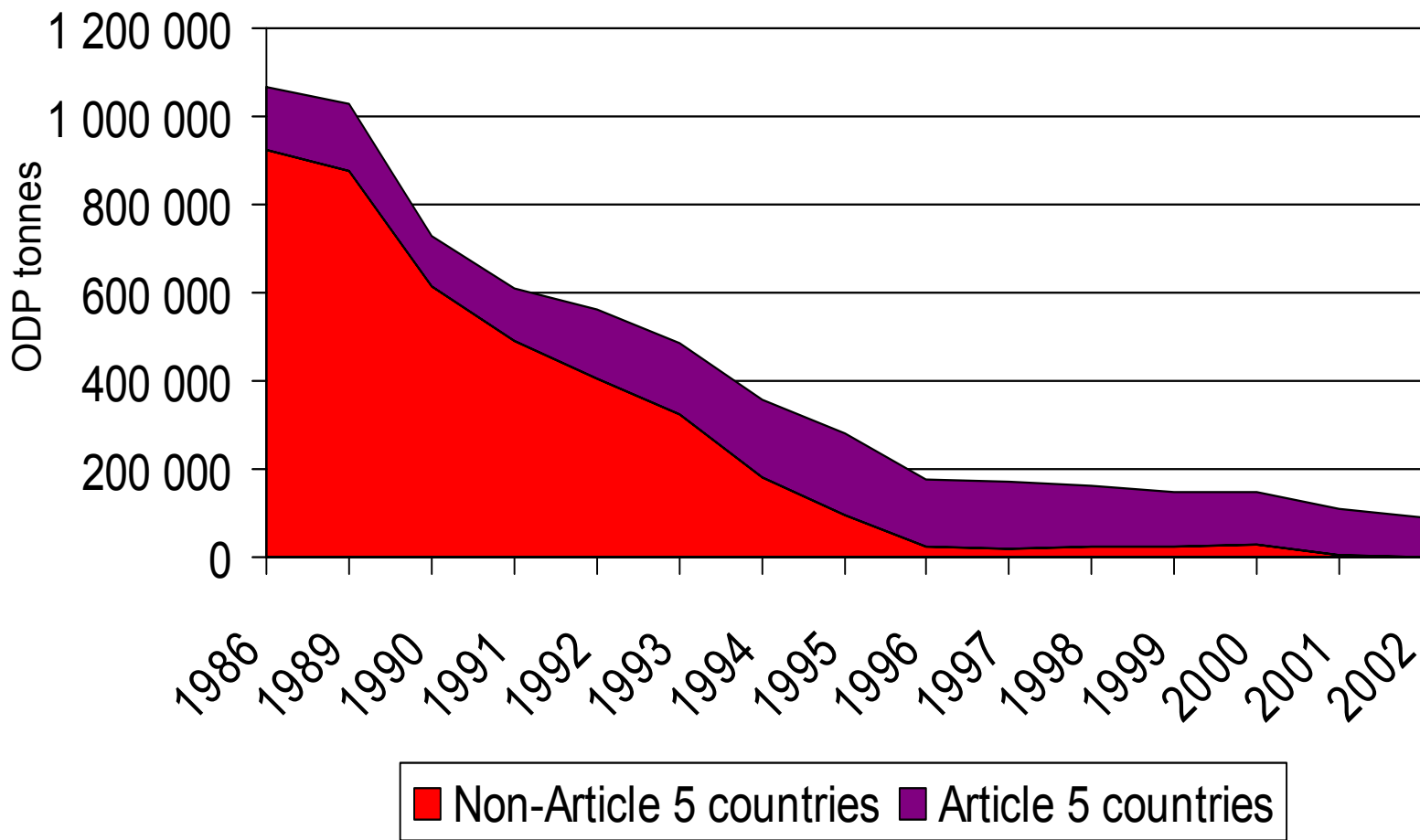
How do we know it works: Alternatives



Published by
Montzka et al., [1999]
(Nature, 398,690-94,
1999)



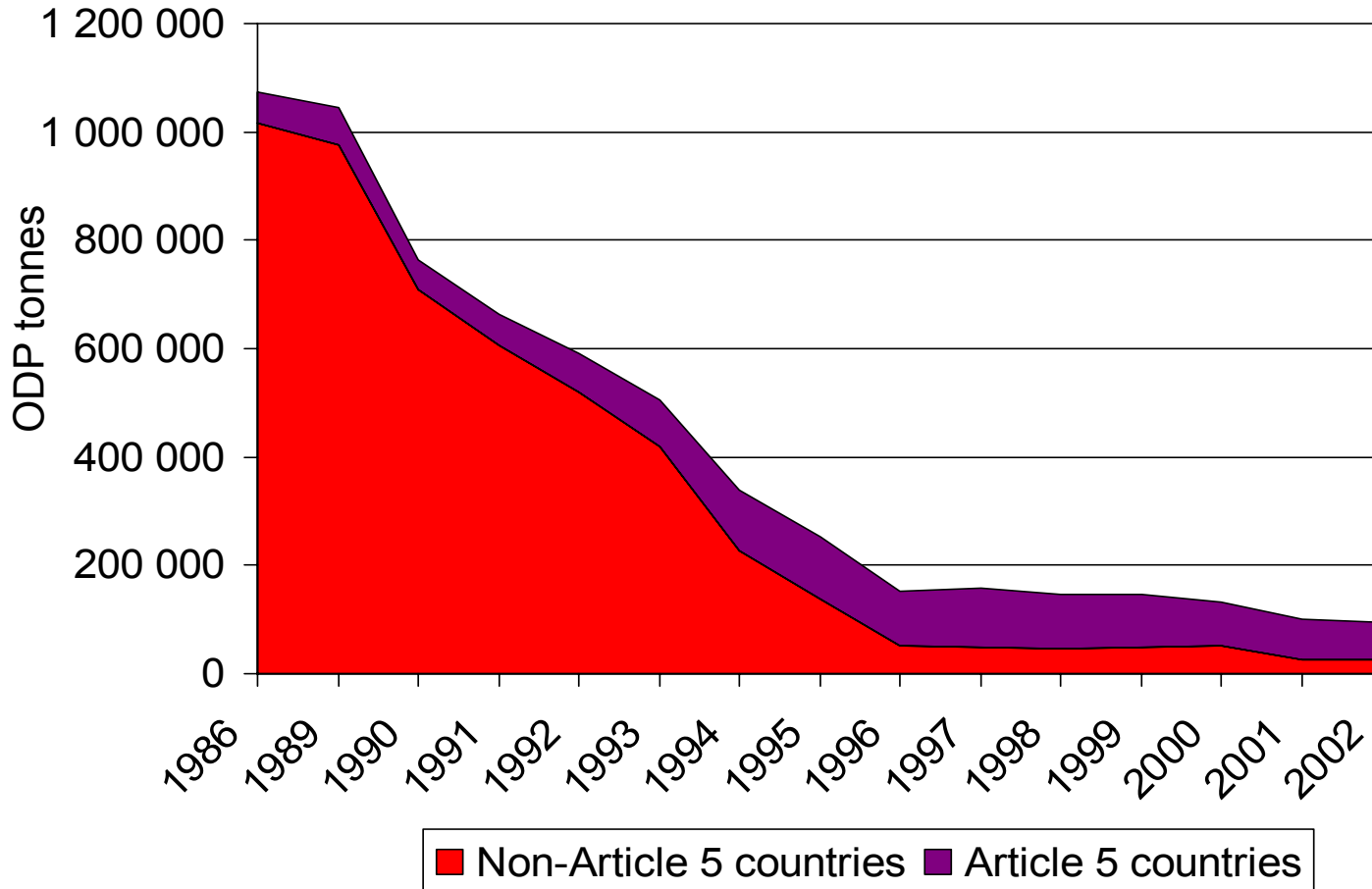
How we know it works: CFC consumption



Source: Ozone Secretariat, Article 7 data



How we know it works: CFC production

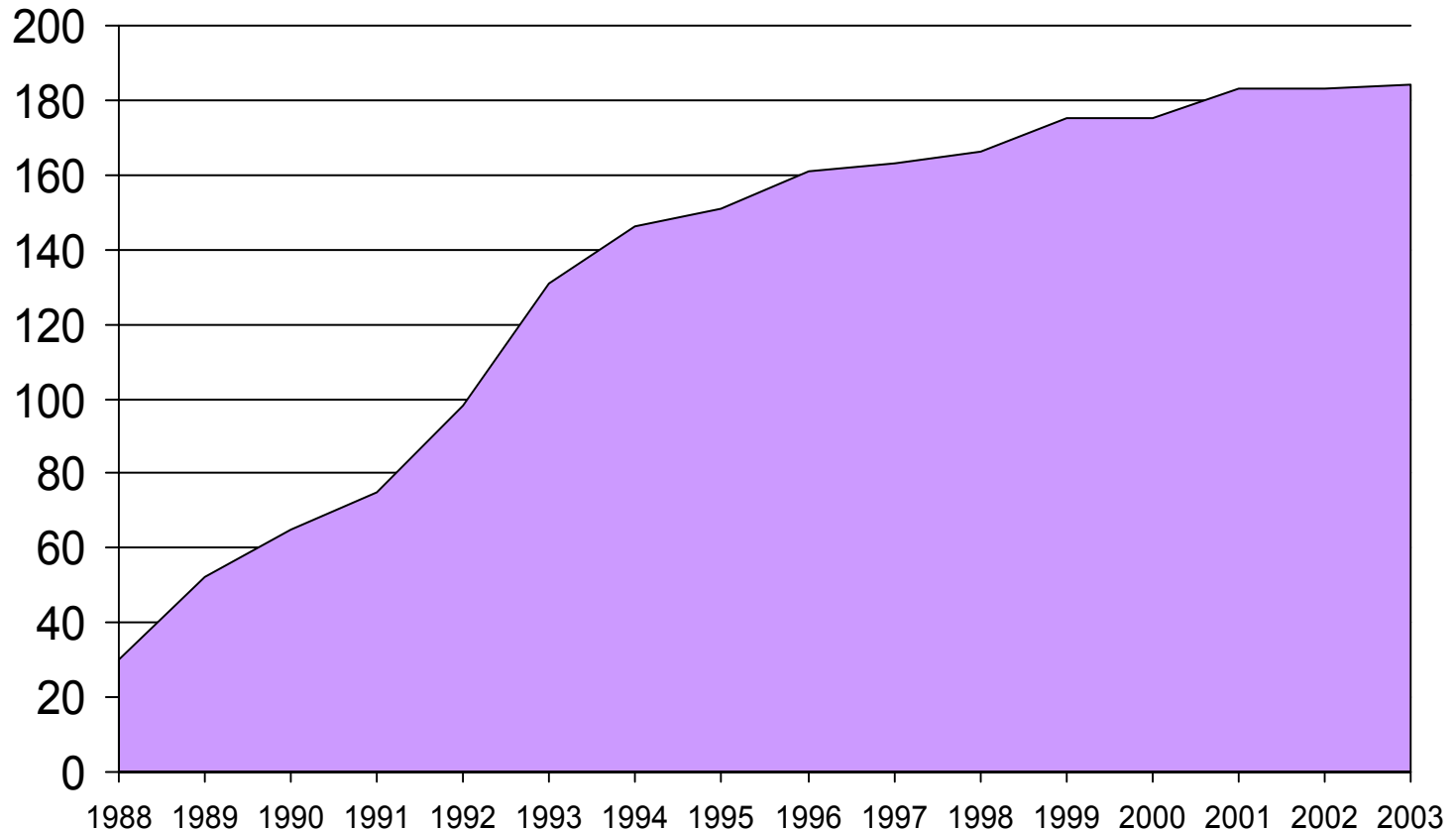


Source: Ozone Secretariat, Article 7 data



How we know it works: Ratification

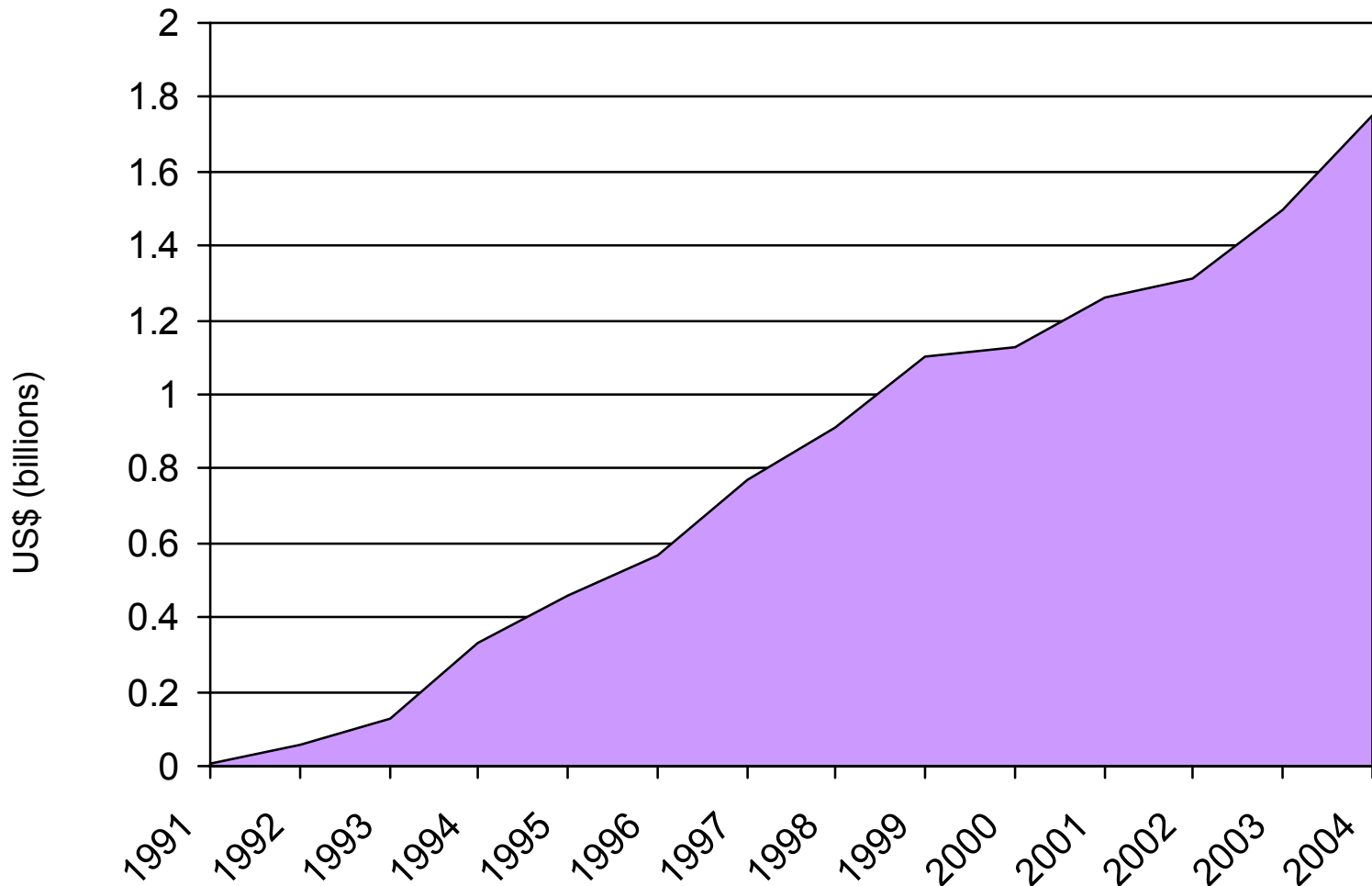
191 countries representing more than 99% of the global population



Source: Ozone Secretariat



How we know it works: Multilateral Fund





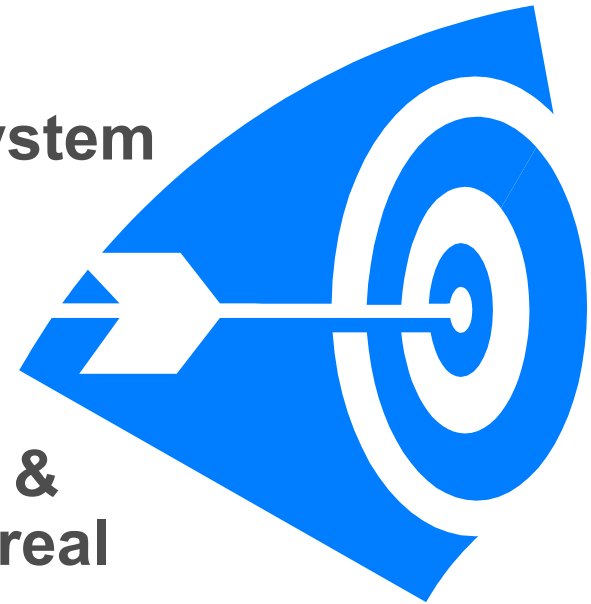
Why it works: **International level**

- **Precautionary approach** based on the science
- **Common but differentiated** responsibilities
- **Democratic structures & operations**
- **“Polluter pays”** principle
- **Minimal economic effects** on developing countries
- **Progressive phase out** of ODS
- Policy decisions informed & guided by **science**
- **“Help, not punish”** culture (e.g. Implementation Committee)
- **Financial mechanism** including technical & financial assistance from Multilateral Fund, bilateral support, Clearinghouse function



Compliance with what? Enforcement of what?

- **Compliance with...**
 - Reduction targets for different ODS
 - Data reporting requirements
 - Establishment of licensing system
 - Other monitoring & reporting requirements
- **Enforcement of...**
 - National policies, regulations & directives related to the Montreal Protocol & Amendments
 - Customs control & prevention of illegal trade

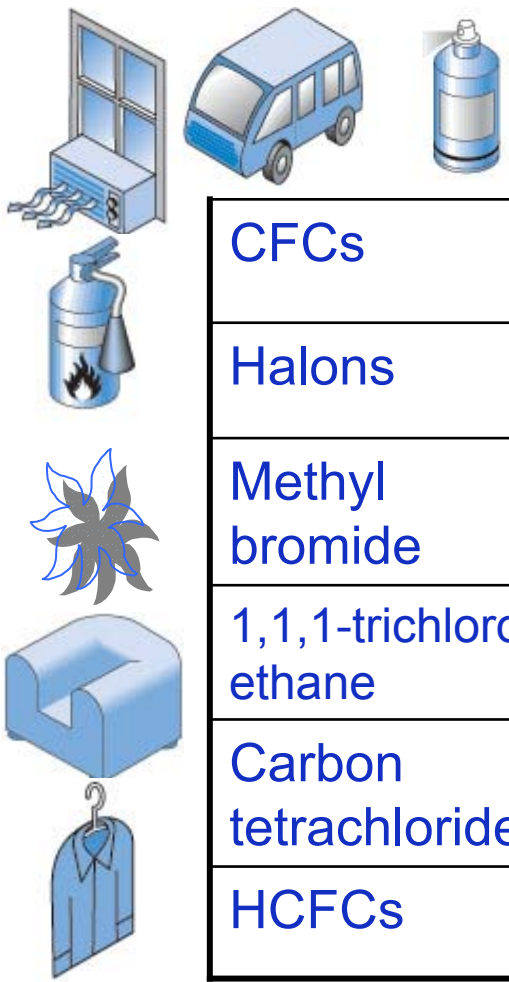




ODS, Use in what?

- **As Refrigerant in Refrigeration & Air-Conditioning**
- **As Propellant in Aerosol industry**
- **As Blowing Agent in Foam Industries**
- **As Solvent or Cleaning Agent in many industries**
- **As Fire Fighting Substance (Halon)**
- **As pesticide soil for many agricultural corps and grain storage fumigant (MeBr)**

What are compliance targets?



	Freeze	30%	50%	70%	75%	100%
CFCs	1999	--	2005	--	2007	2010
Halons	2002	--	2005	--	--	2010
Methyl bromide	2002	--	--	--	--	2015
1,1,1-trichloro ethane	2003	2005	--	2010	--	2015
Carbon tetrachloride	--	--	--	--	--	2010
HCFCs	2016	--	--	--	--	2040

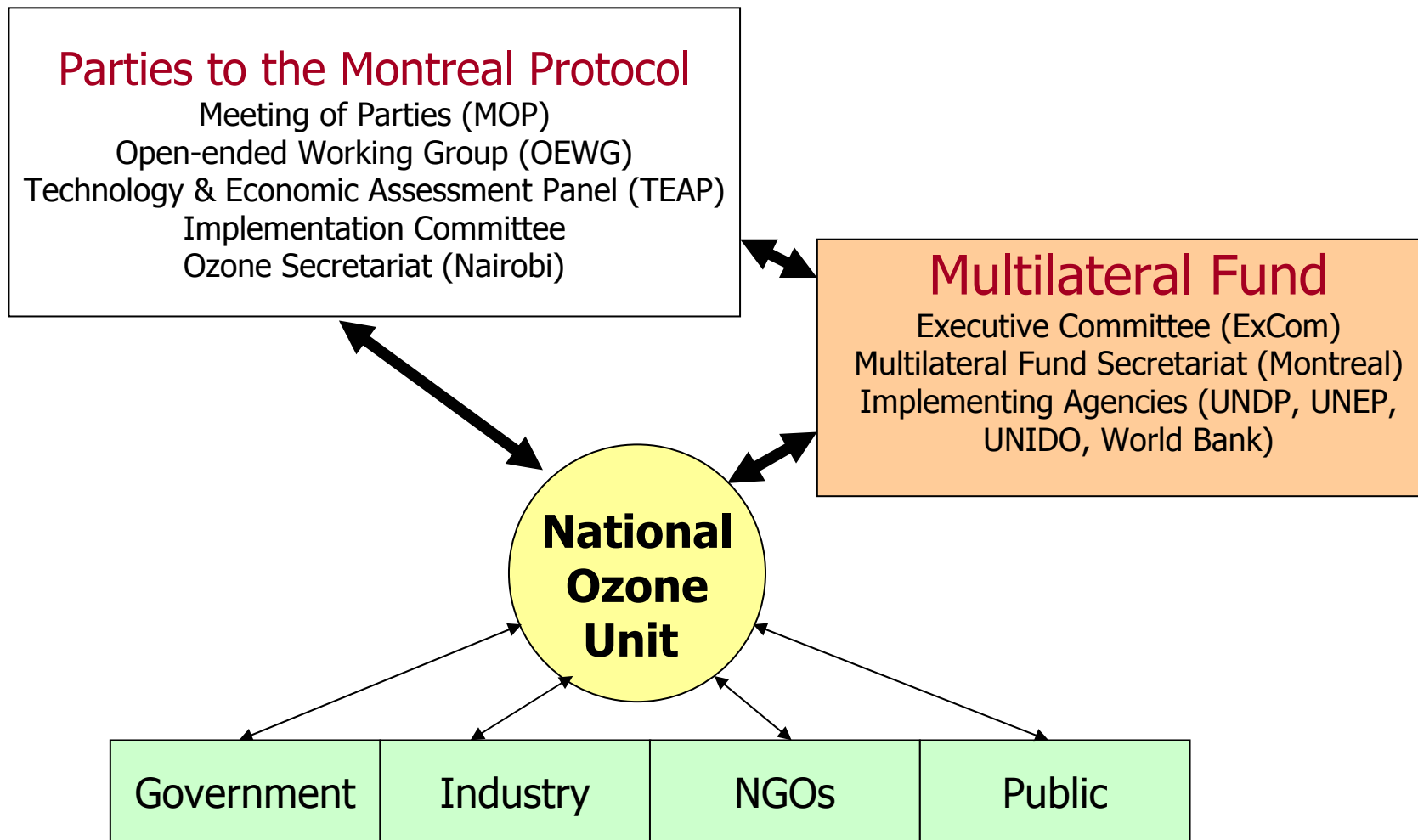


Keys to Compliance

Ultimately, **implementation and compliance**, and thus the effectiveness of Multilateral Environmental Agreements, depend primarily on the existence and effectiveness of the corresponding **national legislation, institutions and policies**, including those that ensure access to judicial and administrative fora, **national capacity and political will**.

UNEP, Global Environmental Outlook 2000, pg. 203

Montreal Protocol Institutions



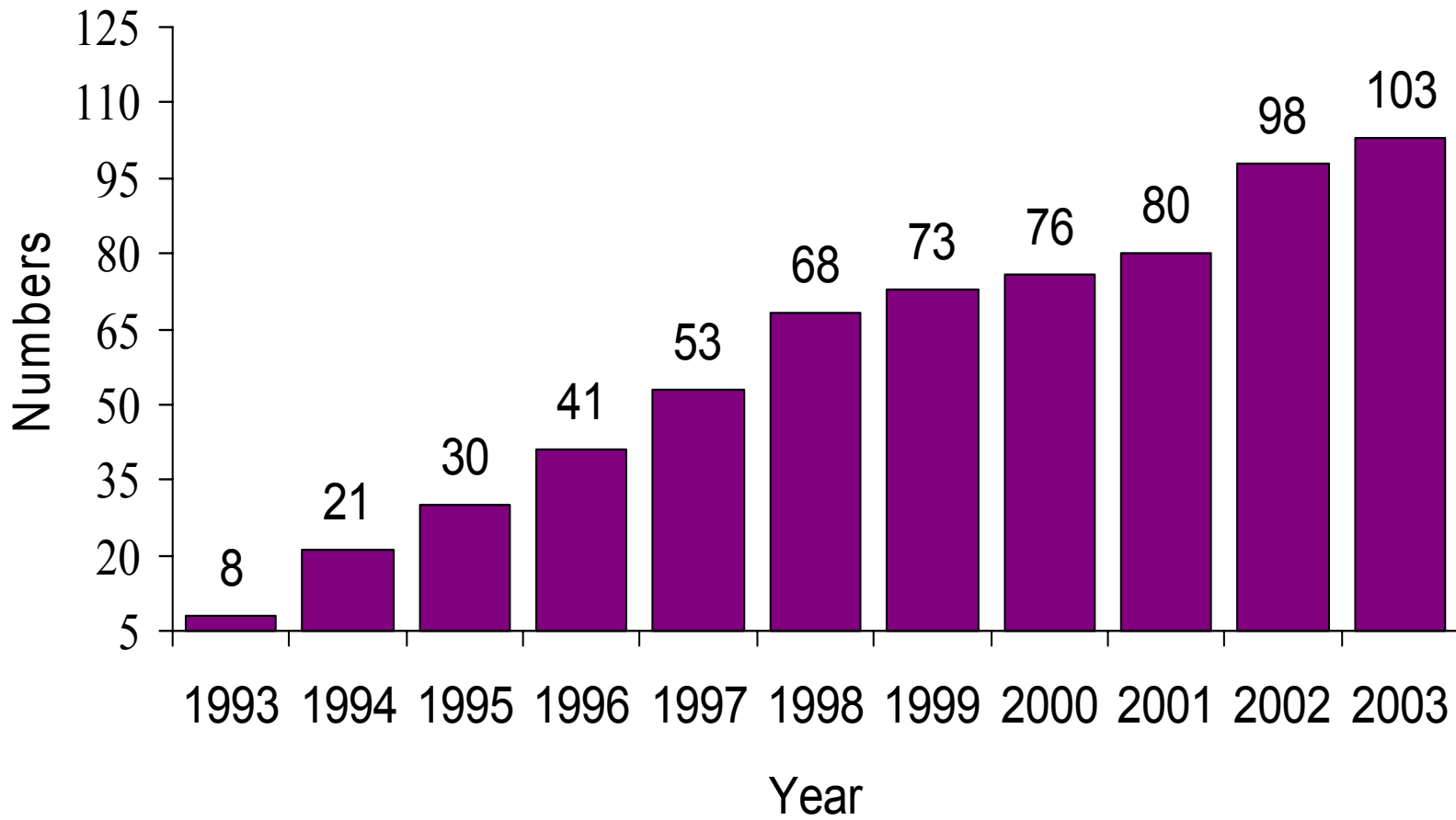


National capacity: Institutional Strengthening

- **Dedicated, capable & effective focal point is essential for success of MEA**
- **Focal point must be empowered**
- **National Ozone Unit (NOU)**
 - Supported by Multilateral Fund
 - National focal point that coordinates all international assistance related to this MEA
 - Responsible for implementation & compliance
 - Also: data collection, establish licensing system, training, awareness raising



UNEP-assisted IS



Cumulative. Includes GEF

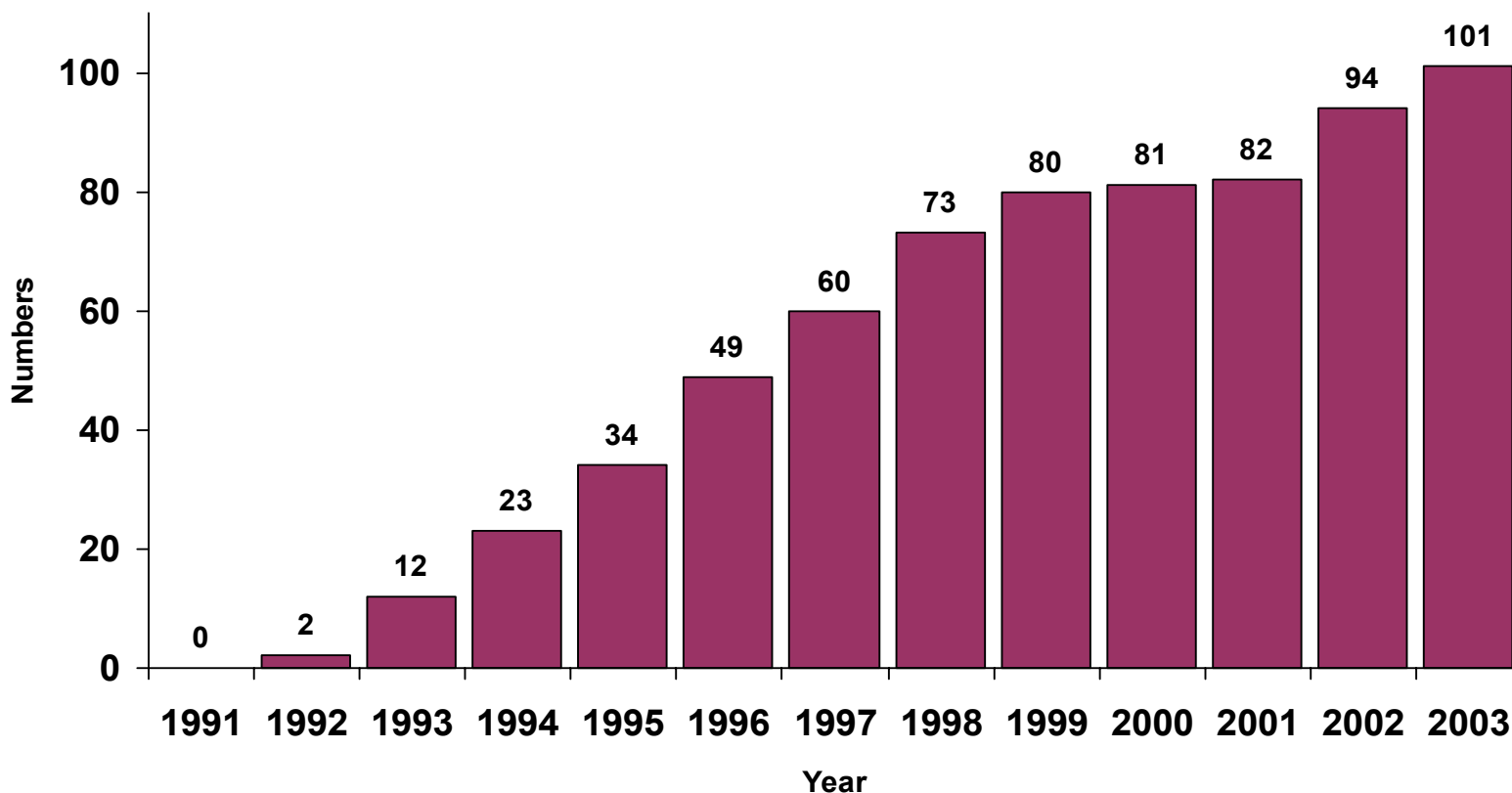


Country Programme

- **National implementation & compliance strategy**
- **Expresses the commitment of the country to phase out ODS as per the Montreal Protocol**
- **Required for assistance from Multilateral Fund**
- **Provides baseline data on consumption of ODS, identifies stakeholders & projects**
- **Supports the development and implementation of a national ODS phase-out strategy**



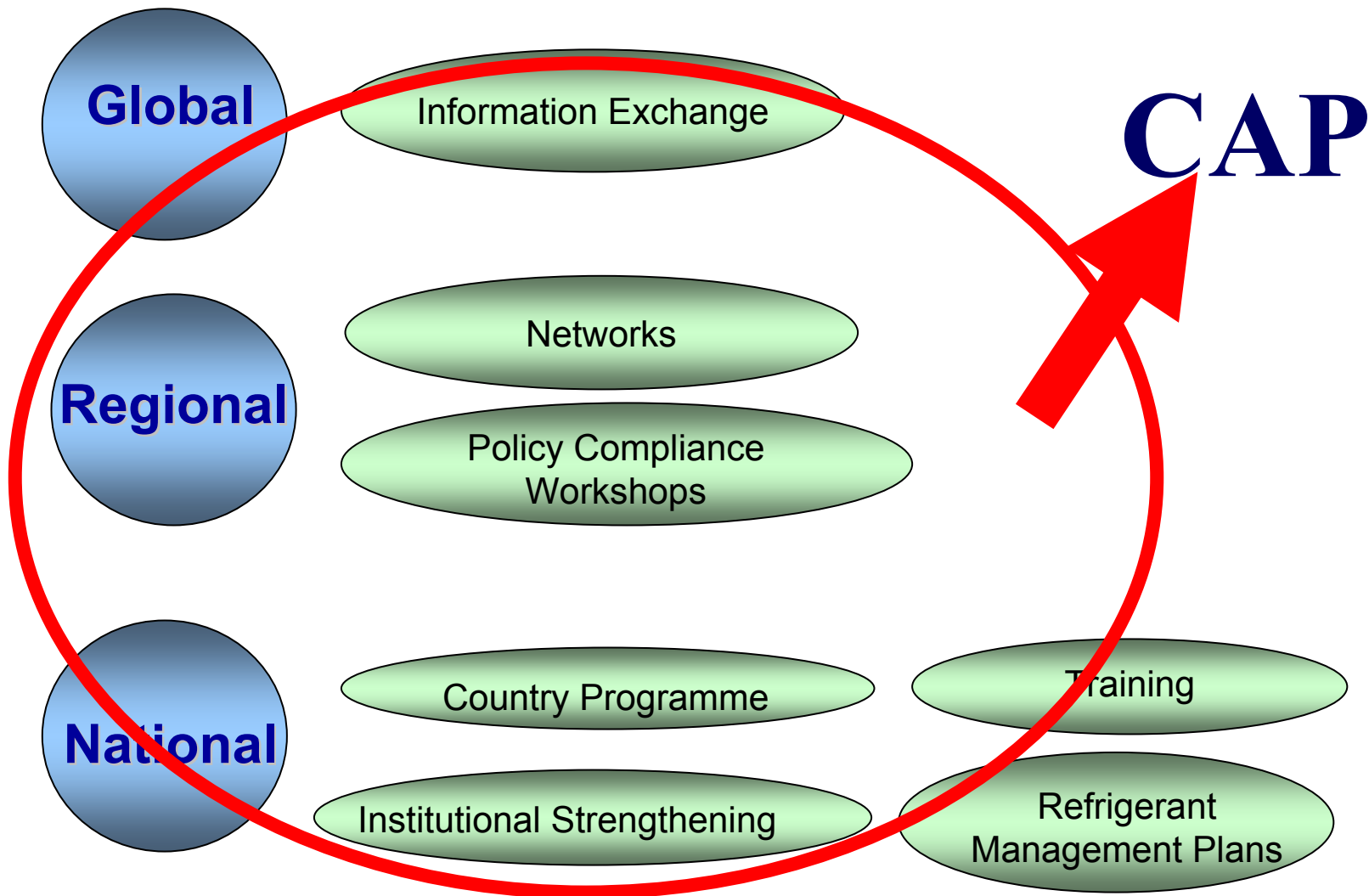
UNEP-assisted CPs



* Cumulative completed projects. Includes GEF



UNEP Role as Implementing Agency

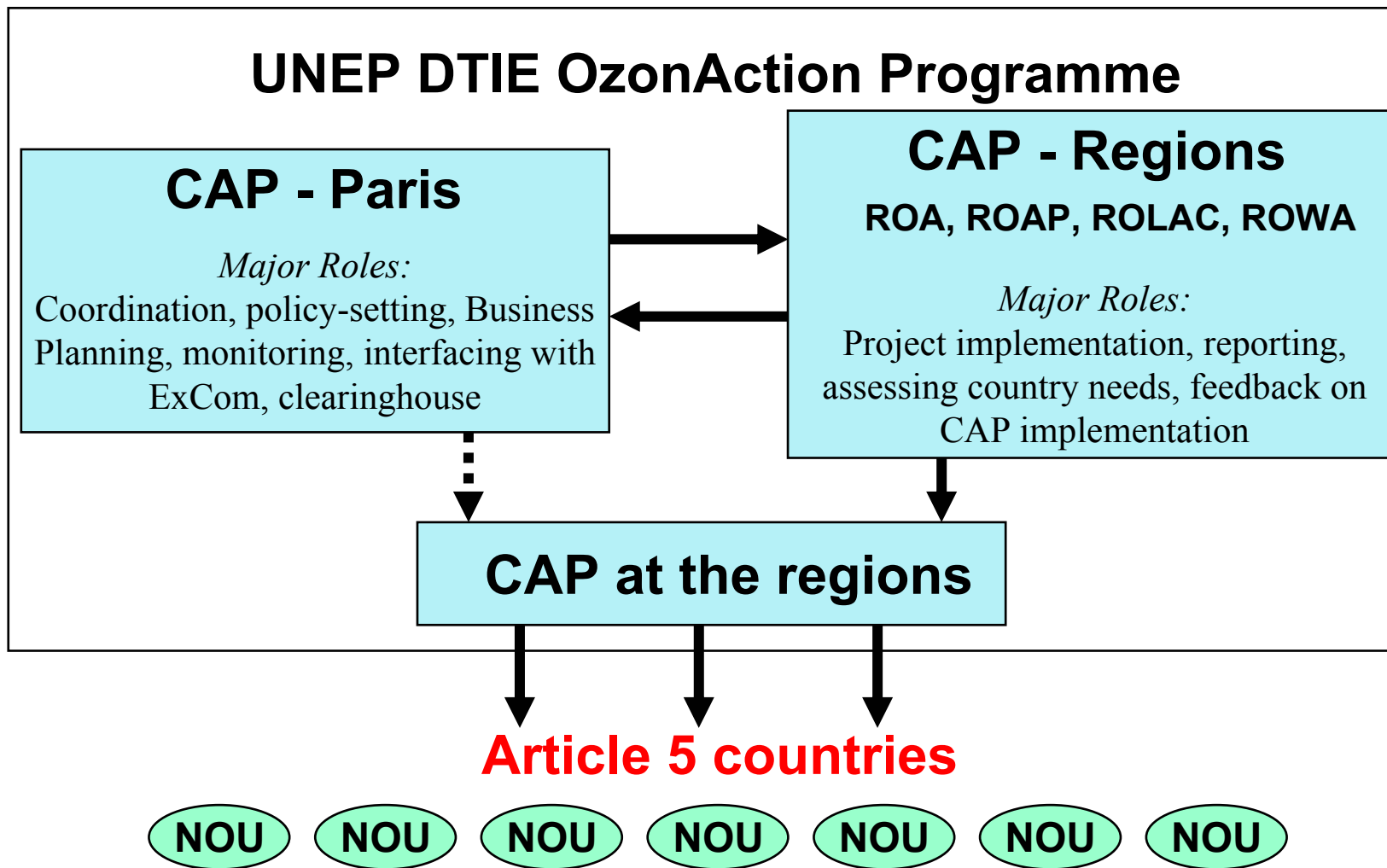




UNEP Compliance Assistance Programme (CAP)

- **Direct MEA assistance to countries**
 - Specific technical & policy expertise
 - Team of 45 experts (85% from developing countries), most based in UNEP Regional Offices
 - Biggest team of its kind directly implementing an MEA
- **Support/backstopping for NOU**
- **Increased collaboration with other Implementing Agencies & Secretariats**

What is CAP (Compliance Assistance Programme)...?





Example of CAP Services

- **Policy assistance**
- **Technical expertise**
- **Compliance assistance**
- **Ratification assistance**
- **Training & capacity building**
- **Project preparation**
- **Special assistance (country visits, correspondence to decision-makers, etc.)**
- **Monitoring**
- **Assistance in data reporting**
- **Early warning & trend analysis**
- **Networking**
- **Clearinghouse**
- **Ad hoc assistance**
- **National compliance plans**
- **Coordination with IAs & bilaterals**
- **Backing up Ozone Officers where needed**



Information Clearinghouse

- **Clearinghouse function part of treaty (Article 10)**
- **Information clearinghouse (UNEP) operational in 1991**
- **Assist countries with making good decisions about technologies & policies needed to comply with MEA**
- **Investigate integration of work with other MEA clearinghouses & initiatives**



Ozone: An Existing Infrastructure that Works

- **National:**
 - Institutional Strengthening/NOUs
 - Country Programmes
 - Training
- **International/Regional:**
 - Global: Information Clearinghouse
 - Region: Regional CAP Teams
 - Regional Networks



Opportunities for Synergies with other MEAs

- **Ozone = atmospheric & chemical issue**
- **Some NOUs = focal points for several conventions (climate change, POPs, PICs) & issues (National Cleaner Production Centres)**
- **Training of customs officers**
- **Energy efficiency & ozone protection (e.g. chillers)**
- **Methyl bromide**
 - **SAP: “Phase-out of the ozone-depleting chemical, methyl bromide, may lead to increased use and numbers of other pesticides which may lead to additional health risks”**
- **Disposal & destruction of waste chemicals**
- **Awareness & information**



Conclusions

- **Montreal Protocol is an MEA that is succeeding**
 - Treaty goals are being met
 - Compliance is being achieved
 - Ozone layer is on path to recovery
- **Other MEAs may benefit from Protocol's considerable implementation experience**
- **We are looking to learn from innovation of other MEAs**
- **All might benefit from synergies between MEAs**
- **Parties can influence change**
 - Bottom up: Integration of MEAs at national level
 - Top down: Decision on better coordination could be introduced at COPs/MOPs (e.g. 16th MOP, Prague)