



Ecosystem-based approaches for mitigation and adaptation in the Wider Caribbean

UNEP's Caribbean Environment Programme Experience

**Secretariat to the Cartagena Convention and its
Protocols on biodiversity (SPAW), land-based
pollution (LBS) and oil spills response**

Coastal Climate Change Solutions - from Principles to Practice
15 June 2012 , Rio Conventions Pavilion

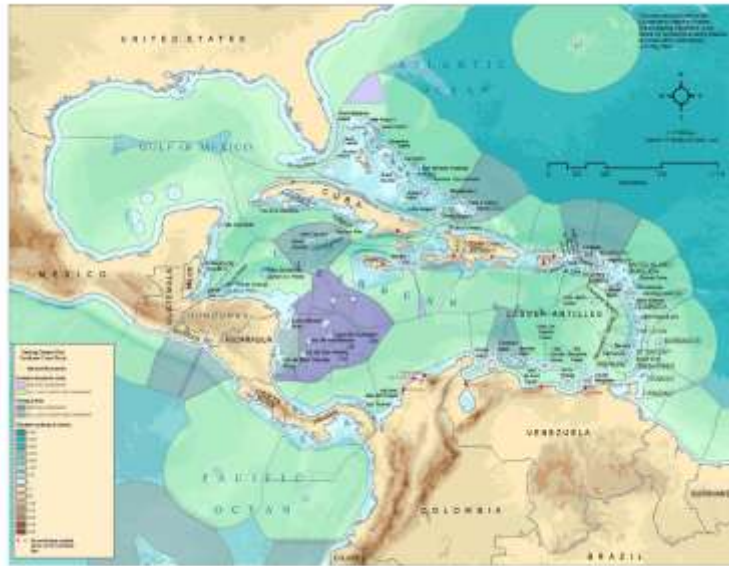


Nelson Andrade Colmenares
Coordinator
UNEP-CAR/RCU
Kingston
Jamaica

www.cep.unep.org



The Wider Caribbean: an opportunity for EBM

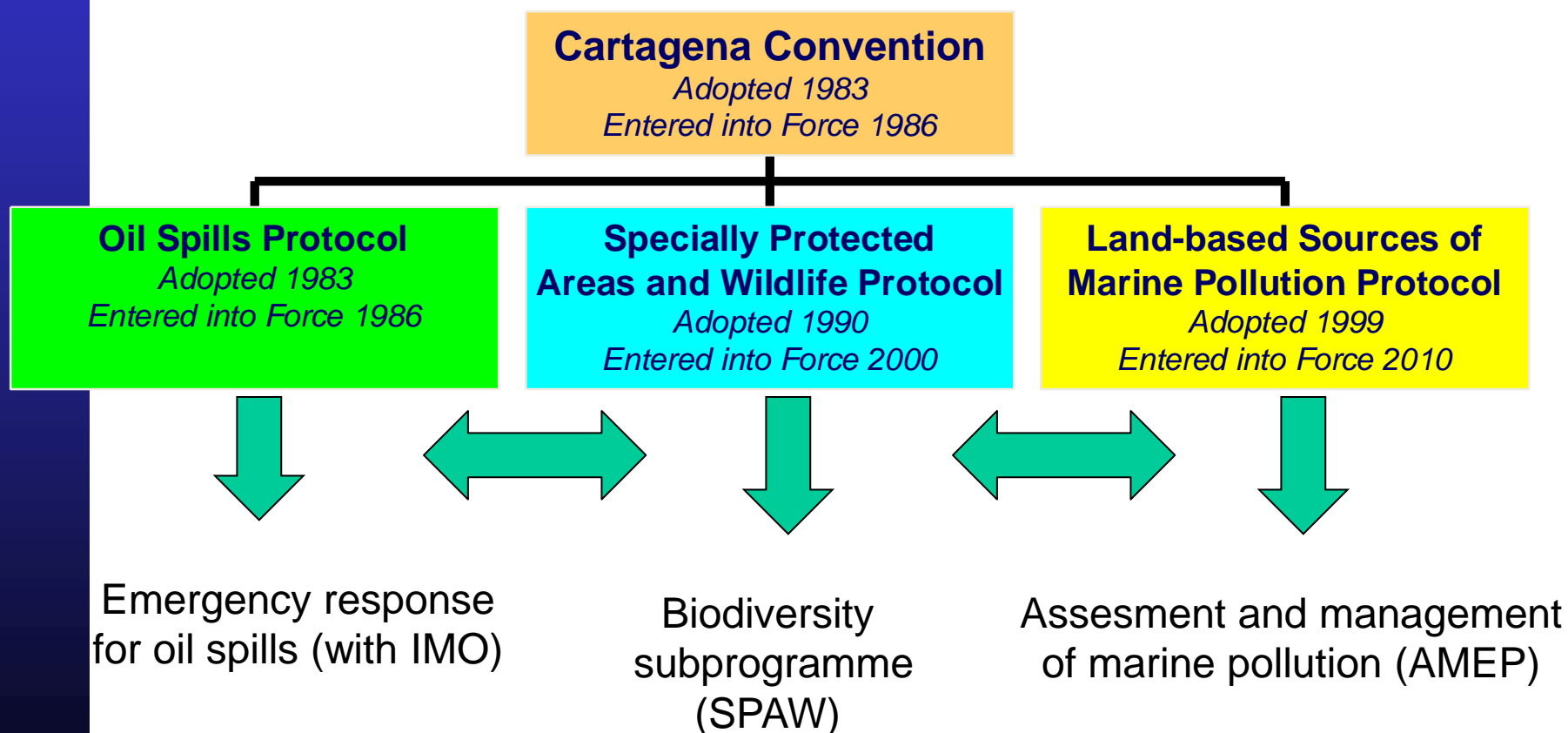


- 2.6 million Km²
- 40 countries & territories: diff political and legal systems, languages (16 SIDS, 21 "territories", 13 land States)
- Land-based pollution, coastal tourism expansion and over-fishing major issues
- Marine goods-services generate more than US \$80 billion annually (tourism mostly, fisheries)
- Over 300 MPAs, only 6% effective - protecting less 10% marine environment
- 80% outside of MPAs - EBM is a must!



The Cartagena Convention and its Protocols

- an integrated approach -





Mitigation and adaptation at different fronts - from "ridge to reef"-

- **Strengthening MPAs** - over 1,300 MPA staff trained, MPA networking and technical assistance provided since 2007 (CaMPAM)
- **Sustainable fisheries** - better practices and alternative livelihoods to local fishers around MPAs (CaMPAM)
- **Integrated watershed management** - restoration, pollution control and capacity building in 13 SIDS (GEF IWCAM)
- **Institutional capacity and sustainable finance** - Regional Fund for waste water management (GEF CReW with IDB)
- **Climate change adaptation, disaster risk reduction** - restoration of mangroves, intersectoral policy reform and build awareness (Jamaica/EU Climate Change adaptation project)

Partnerships with governments, regional organisations, NGOs, donors, academia and civil society



Challenges... have not changed:

- Need for ecological resilient MPA networks
- “Really” engage business sector (e.g. tourism)
- Wider application of EBM, outside MPAs
- Financial and human resources
- Political will



Thank you!

UNEP-CAR/RCU
14-20 Port Royal Street
Kingston, Jamaica
(876) 922-9267 - phone
(876) 922-9292 - fax
Email: rcu@cep.unep.org
Website: www.cep.unep.org