

The Realities of Oil Spill Response

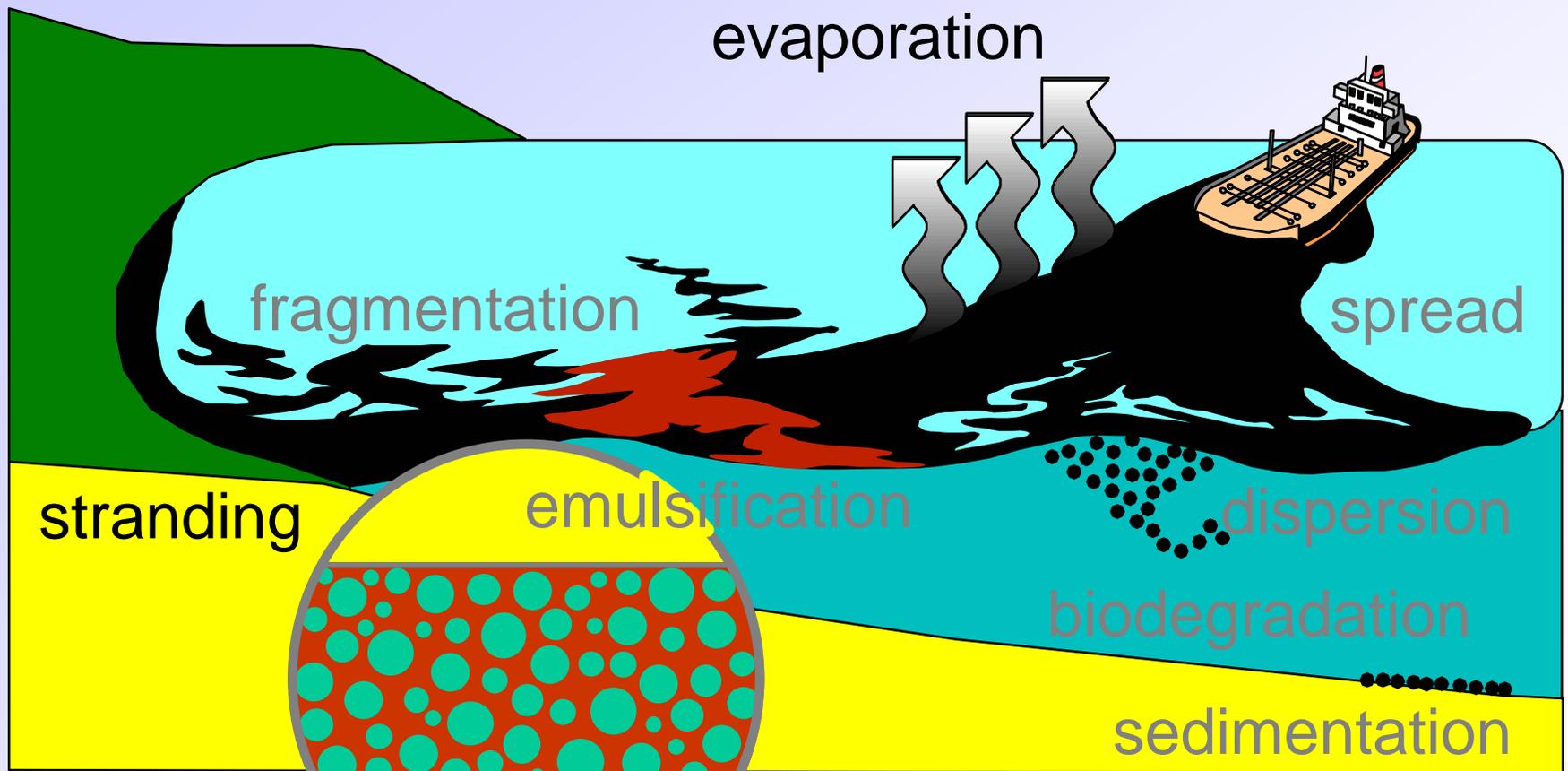
**Mr A F Smith
Chief Executive
Global Alliance**

**DOE seminar
Moscow**

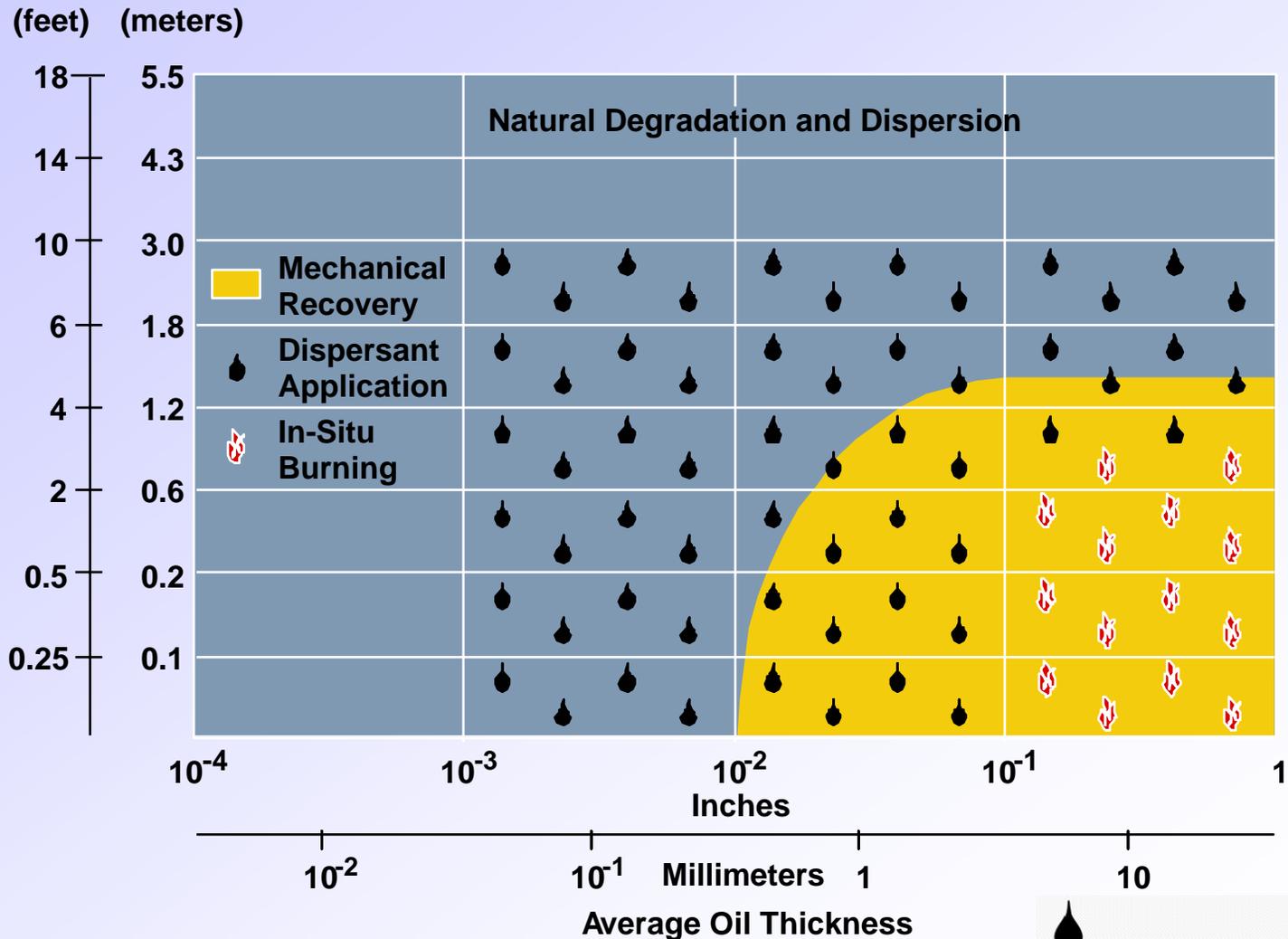
Oil spills happen



Fate of Spilled Oil



Response options



Strategies

Monitor and
evaluate



Containment and
Recovery



Dispersants



In-situ Burning



Protection



Shoreline Clean-up



Spread of oil



At sea response Encounter rate



At sea response

Waste handling / logistics



Entrained debris

Pumping heavy oils

Temporary storage

Transfer of oils

Final storage

Aerial dispersant application



High encounter rate

Minimises waste

Will not work on all oils

Environmental impact

NEBA

Shoreline clean up



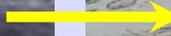
Project management

Organisation

Training

Safety

Waste minimisation



Waste management



Segregation

Minimisation

Transport

Secondary pollution

Disposal

Summary

- 🔥 All strategies have limitations
- 🔥 Natural forces affect response options
- 🔥 Oil type and environment affect selection
- 🔥 Encounter rate and logistics are fundamental
- 🔥 Realistic approach to problem
- 🔥 Planning and training are key
- 🔥 Do not forget waste management