



*On the move....
with ISWA*

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ISWA Mission Statement

- “Promote Sustainable Waste Management Worldwide”
- Leading **International network**
- Access to professionals, operators, academics
- Collaborate with national and international organisations (e.g., UNEP, EU, WHO, M2M)

Message

1. Dynamic Changes for Economies in Transition/Developing Countries
2. Strong Drivers for LFGE Except for EU
3. Operator 'Know How' Needed
4. Utility & Public Acceptance Getting Better

“M2M Partnership: International Opportunities in Renewable Energy Projects”,
4 March 2008, Washington, D.C.

ISWA Perspective: Economies in transition

- Trend towards modern sanitary landfills in developing countries/regions, closure of open dumps.
- Rise in composting and recycling (formal and informal)
- W-t-E sector: growth in certain countries, plus small incinerators for health care wastes

ISWA Perspective: Israeli example

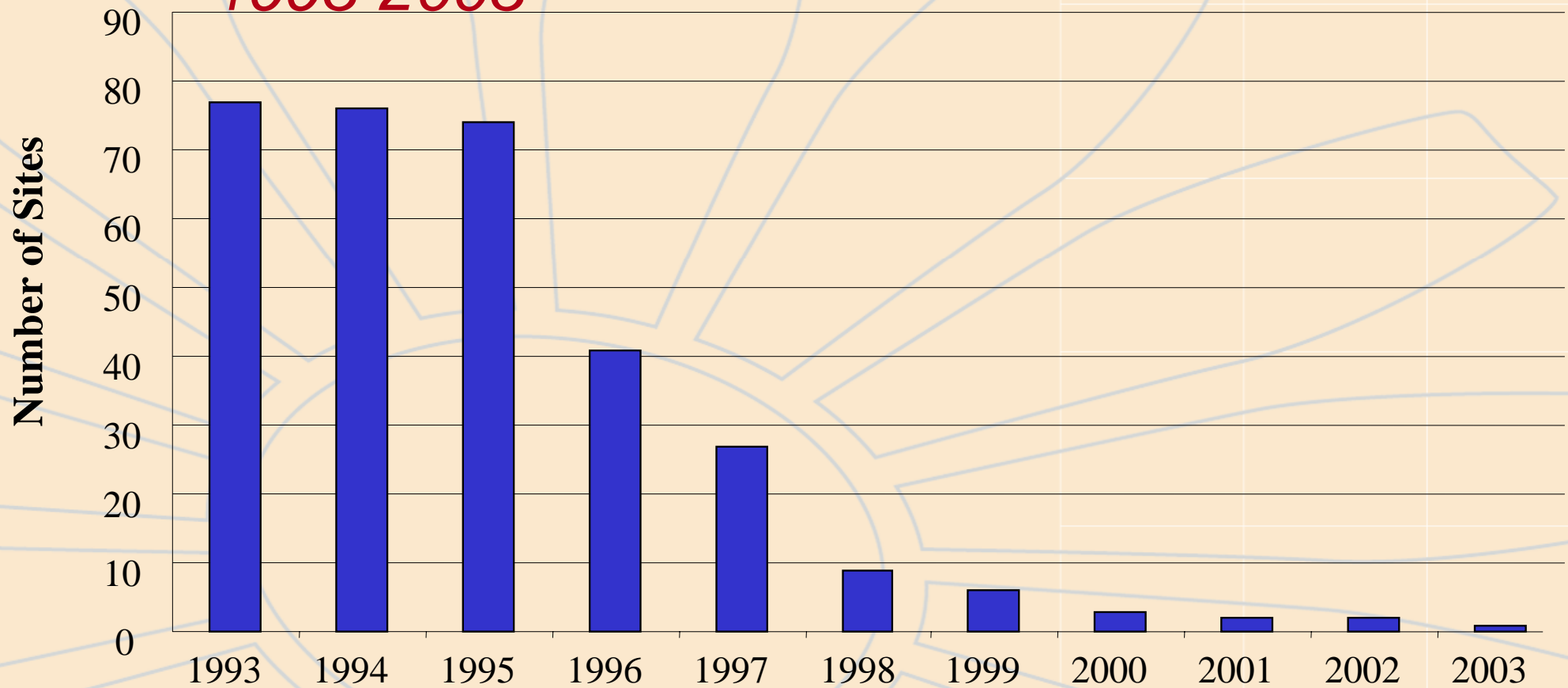
- ~ 2 kg/capita/day, rising 6%/year
- 80's: 500 dumps (80 large), 10 MSW landfills
- Groundwater sensitivity, rising awareness
- Ministry of Environment, 1988
- Federal regulatory action, 1993

ISWA Perspective: Israeli example

- Close all 500 unregulated sites, shift flow to regulated sites
- Construct a few large, modern MSW LFs
- Emphasize recycling and W-t-E



Large Dumps in Israel 1993-2003



Operator 'Know How' Needed

- Good partnership with M2M on training workshops and conference programs for landfill managers and operators
- European Commission contract: LFG Operators Manual and Training Program, translations to Spanish and Portugese
- USA, EU technical expertise and equipment a premium

Utility and Public Acceptance Improving

- Looking for what works, guidance to avoid failed projects and political inaction
- Faster planning phase, investment funding, MSW facility construction, integration of necessary capital equipment (e.g., LFG flares)
- Contract law, gas ownership, political barriers remain

ISWA : Selected Activities

- ISWA Waste and Climate Conference, 26-27 November 2009, Copenhagen
- Waste Management & Research Journal, Special Issue on GHG, February 2008
- ISWA Greenhouse Gas Task Force
- ISWA Landfill Working Group
- www.iswa.org

