



INTERNATIONAL
TRADE
ADMINISTRATION

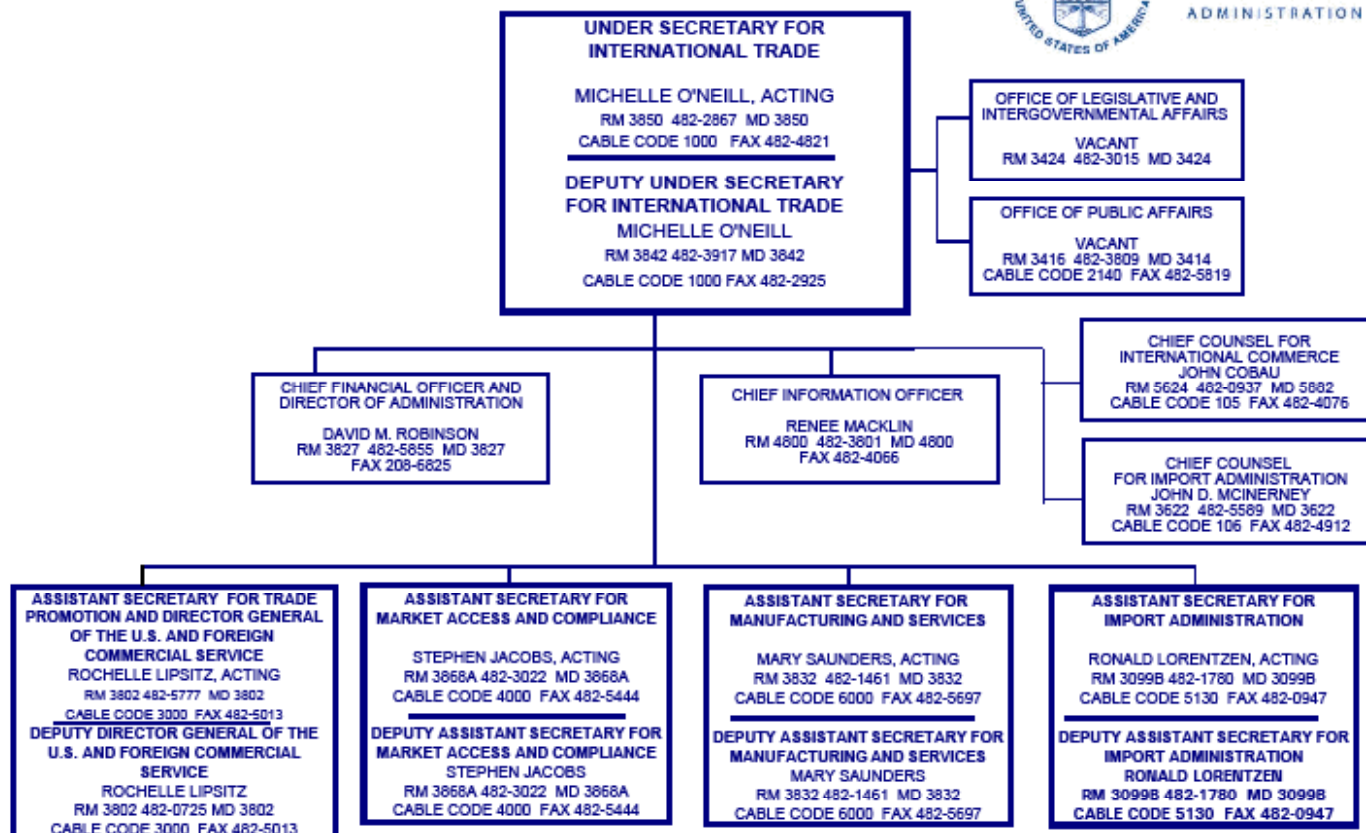
Global Environmental Markets

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International Trade Administration
U.S. Department of Commerce





**U.S. DEPARTMENT OF COMMERCE
INTERNATIONAL TRADE ADMINISTRATION
WORK REFERENCE CHART**



NOTE: This is a working document. Some persons are designated as acting pending the completion of personnel actions. This chart depicts only persons for which personnel actions have been submitted. The most up-to-date chart can be accessed via the CFO Website (<http://ita.doc.gov/ooms/itaawrc.htm>).

SOURCE: Office of Organization and Management Support
JANUARY 2009



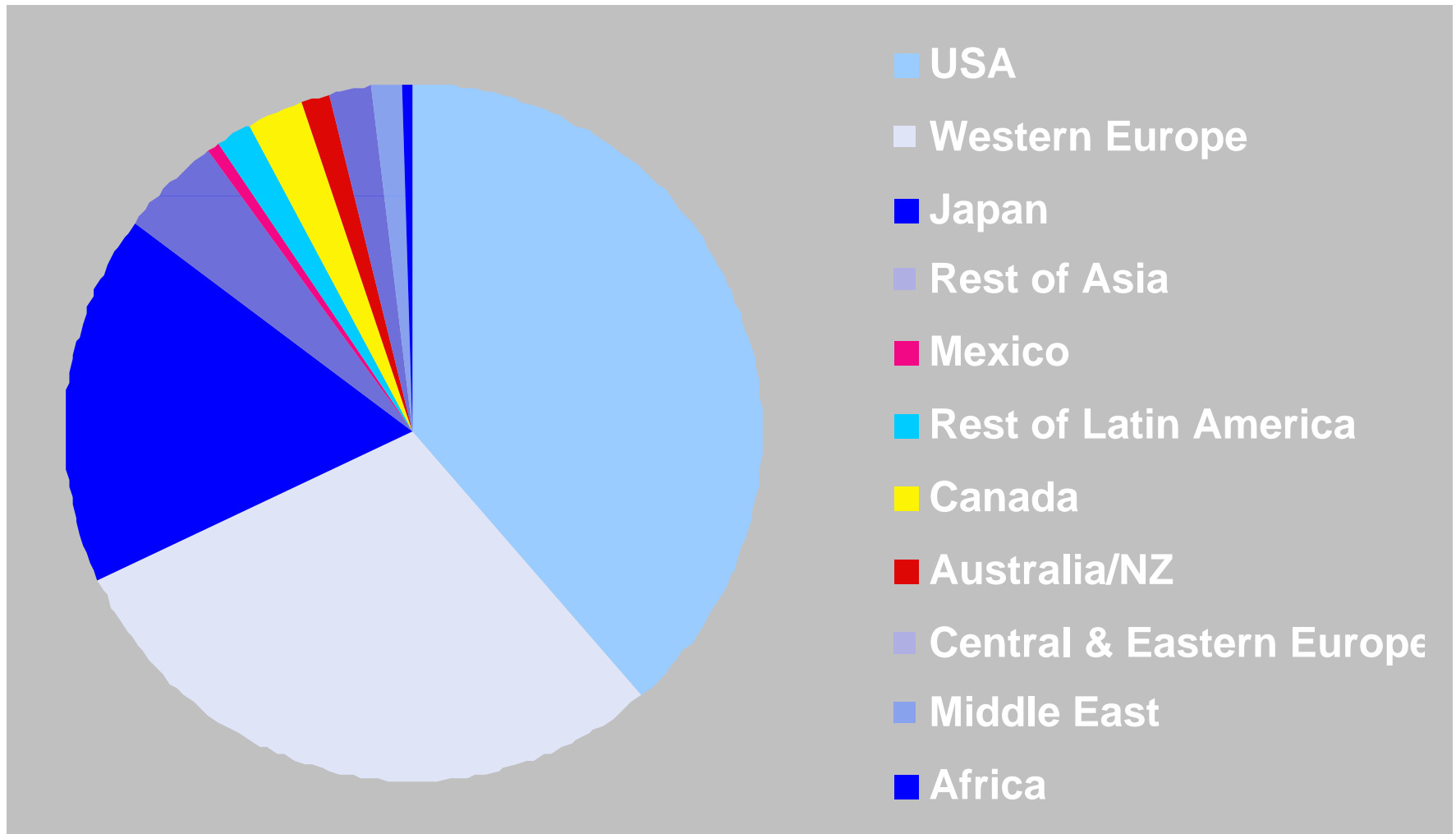
How we Help U.S. Business:

- *Industry Expertise;*
- *Strategic Research and Policy;*
- *Trade Negotiations;*
- *Facilitate global dissemination of U.S. technology;*
- *Advisory Committees; and*
- *Domestic Regulatory Review.*



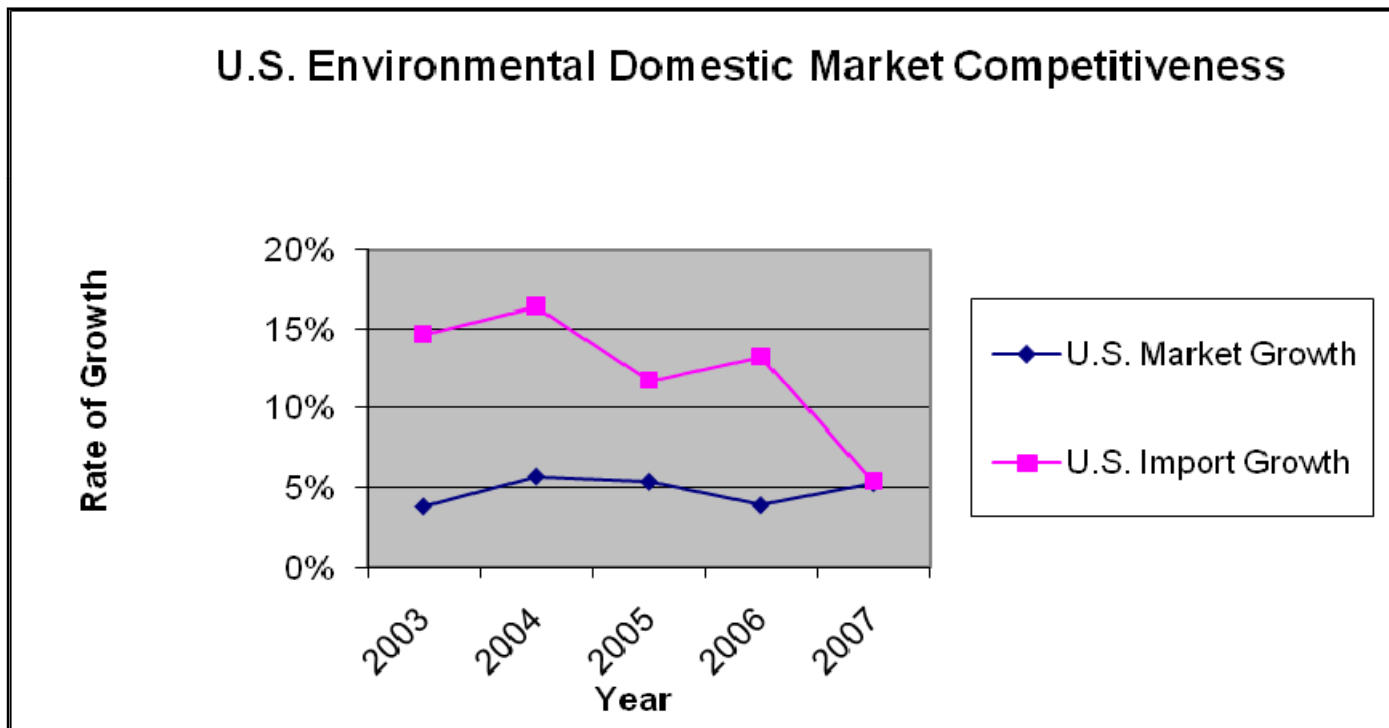
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The Global Environmental Market (\$659 B in 2007)



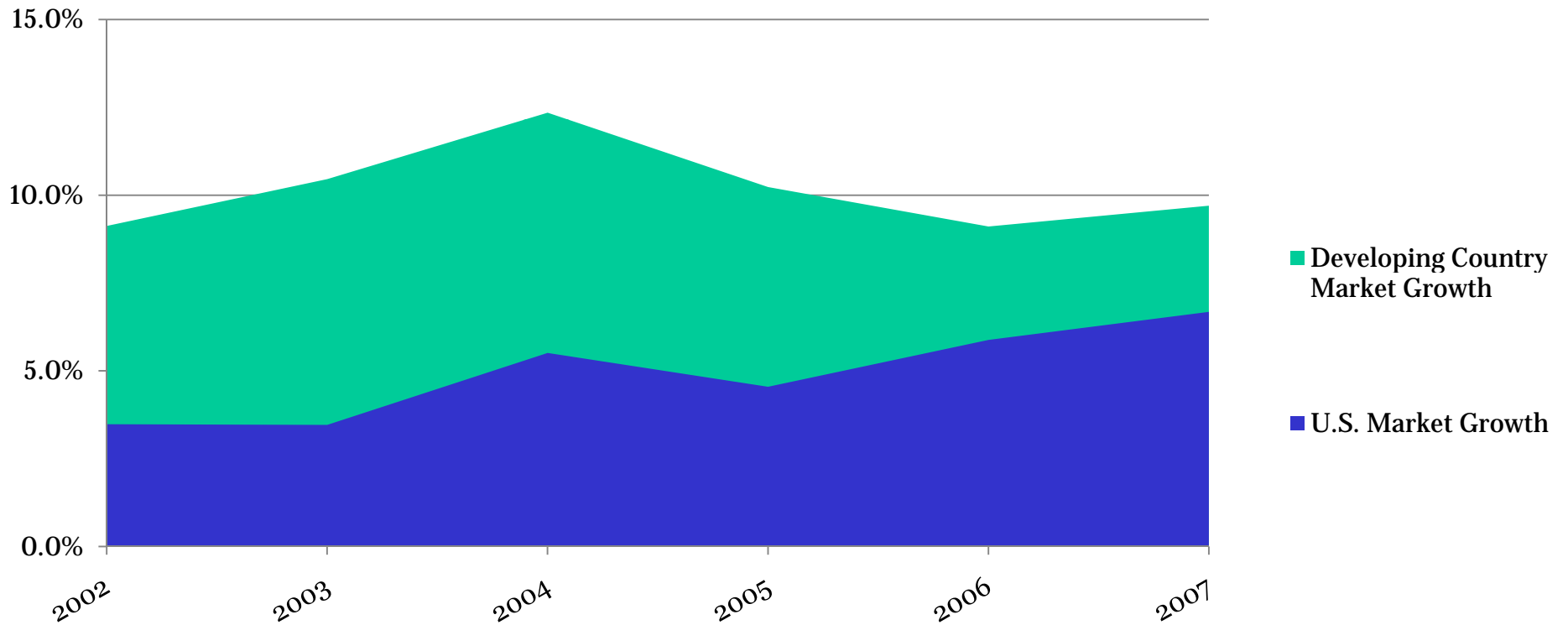


Domestic Competitiveness





U.S. vs Developing Country Environmental Market Growth





Top 10 U.S. Environmental Export Markets

COUNTRY	2008
Canada	6,949,749,619
Mexico	3,816,902,153
China	3,086,015,488
Germany	2,690,540,419
Japan	2,017,880,825
Korea	1,459,412,305
United Kingdom	1,431,602,585
Singapore	1,171,059,874
France	1,068,183,862
Brazil	863,927,926

Source: U.S. Department of Commerce, U.S. International Trade Commission



U.S. Environmental Goods Exports: Leading Growth Markets

COUNTRY	2008	\$ Change 04-08	% Change 04-08
China	3,086,015,488	2,535,666,097	82%
Qatar	227,425,321	1,962,434,939	863%
Germany	2,690,540,419	1,469,908,874	55%
Brazil	863,927,926	1,315,770,985	152%
Madagascar	13,258,854	1,274,717,711	9614%
Saudi Arabia	550,031,186	1,058,007,299	192%
India	627,492,350	905,170,045	144%
United Arab Em	480,438,287	824,966,797	172%
Venezuela	384,787,680	824,257,084	214%
Canada	6,949,749,619	754,691,617	11%

Source: U.S. Department of Commerce, U.S. International Trade Commission



U.S. Environmental Services Market

	US ind	US mkt	Exports	%Export
Services				
Solid Waste Management	53.2	53.7	0.16	0.3%
Hazardous Waste Mgmt	9.1	9.1	0.10	1%
Consulting & Engineering	25.6	23.9	3.14	12%
Remediation/Industrial Services	12.2	12.0	0.71	6%
Analytical Services	1.9	1.8	0.16	8%
Water Treatment Works	39.1	39.9	0.23	0.6%
Resources				
Water Utilities	37.9	39.2	0.10	0.3%
Resource Recovery	31.2	15.8	15.70	50%
Total	210.2	195.4	20.3	9.78

Source: Environmental Business International, Inc. (San Diego, CA).
In billions, USD



Key Global Environmental Market Drivers

- *New, state-of-the art products and services*
- *Greater global focus on climate change and sustainable development*
- *Liberalization of trade in environmental goods and services via bilateral and multilateral efforts*
- *Growing industrialization and environmental awareness in key emerging markets*
- *Broader application of cleaner production methods and environmental “best practices” by global manufacturers*



Obstacles to Global Competitiveness

- Lack of Environmental Enforcement
- High import tariffs
- Non-Tariff Trade Barriers
 - *Technical standards*
 - *Customs, licensing, and distribution regulations*
 - *Restrictive government procurement or contracting*
 - *Limitations on professional services and investment*
 - *Lack of IPR enforcement*



Top International Markets for U.S. C&E Services

- **European Union**
- **Japan**
- **China**
- **India**



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Trade Negotiations

- *Environmental Trade Liberalization*
- *Quantification of Environmental Benefits*
- *Harmful Subsidies*

WORLD TRADE
ORGANIZATION





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Facilitate Dissemination of U.S. Clean Energy Technology

- Supporting Presidential Initiatives related to Climate Change
- Charting Our Clean Energy Future Conference - Feb. 5
- Washington International Renewable Energy Conference (WIREC) – Mar. 4-6
- China/India Report
- APP Expo of U.S. Clean Cement Technologies - May 13-14
- 3 APP Clean Energy Trade Mission to India & China
- Civil Nuclear Initiative
- Financing Roundtables
- NAICS for Wind and Solar





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- *Quarterly Publication*
- *Staff Activities, Industry Trends, Coming Events*
- *Approximately 1,500 Subscribers*
- *Posted to Office and ITA Publications Web Page*

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