

Public-Private Partnerships: A Practical Solution

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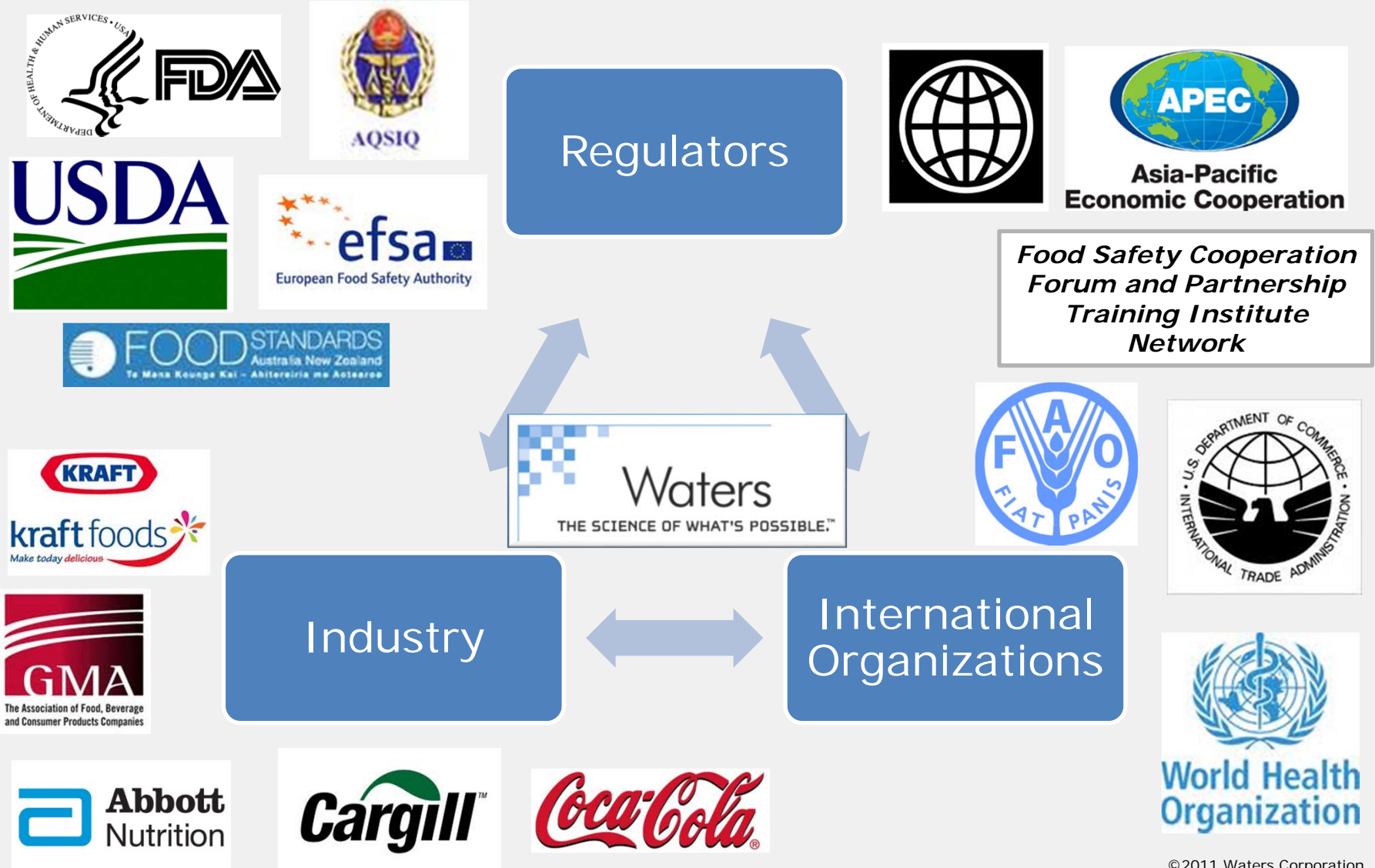
Challenge: Global Food Safety

- **Global food trade has more than tripled** since 1990 to almost \$1 trillion annually
- **Unsafe food** causes 76 million illnesses and 5,000 deaths annually in the USA alone
- **1.8 million deaths** from diarrhoeal disease worldwide, many due to food and water contamination
- Exporters face the challenge of **differing standards** in different countries and a lack of understanding on how to meet them
- **Collaboration involving all stakeholders** is essential



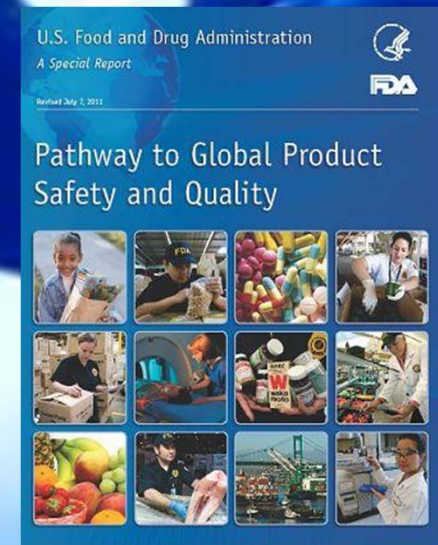
Collaboration: Key to Solution

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Collaboration: Key to Solution

- Waters Corporation believes public-private partnerships are key
- “FDA will effectively allocate agency resources based on risk, leveraging the combined efforts of government, industry, and public- and private-sector third parties.”



Public-Private Partnership to address key food safety challenges



Examined Challenges

Globally distributed production

Need for equivalent assurances

Build trust in the production controls

Build trust in efficacy of verification testing

Identified Partners



Created Solution



International Food Safety Training Laboratory

International Food Safety Training Laboratory



International Food Safety Training Laboratory

2008-2010: Waters Engages Stakeholders



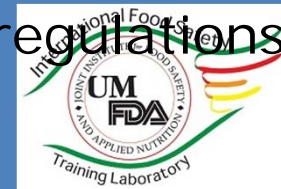
Partnership
ment
Public-private partnership to address global food safety



Dedicated Facility
2011: Pilot Class
Hands-on training



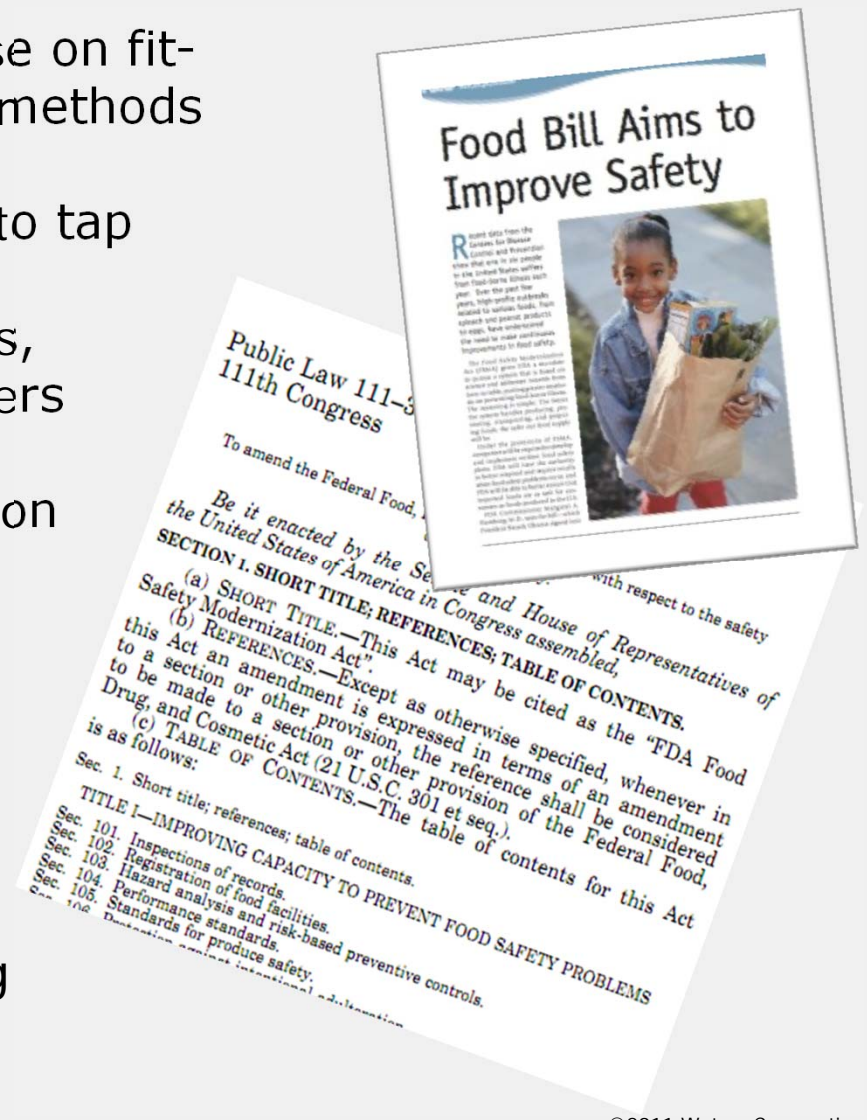
Classroom training on regulations
September 2011:
Official Opening, First Class



Role of the IFSTL



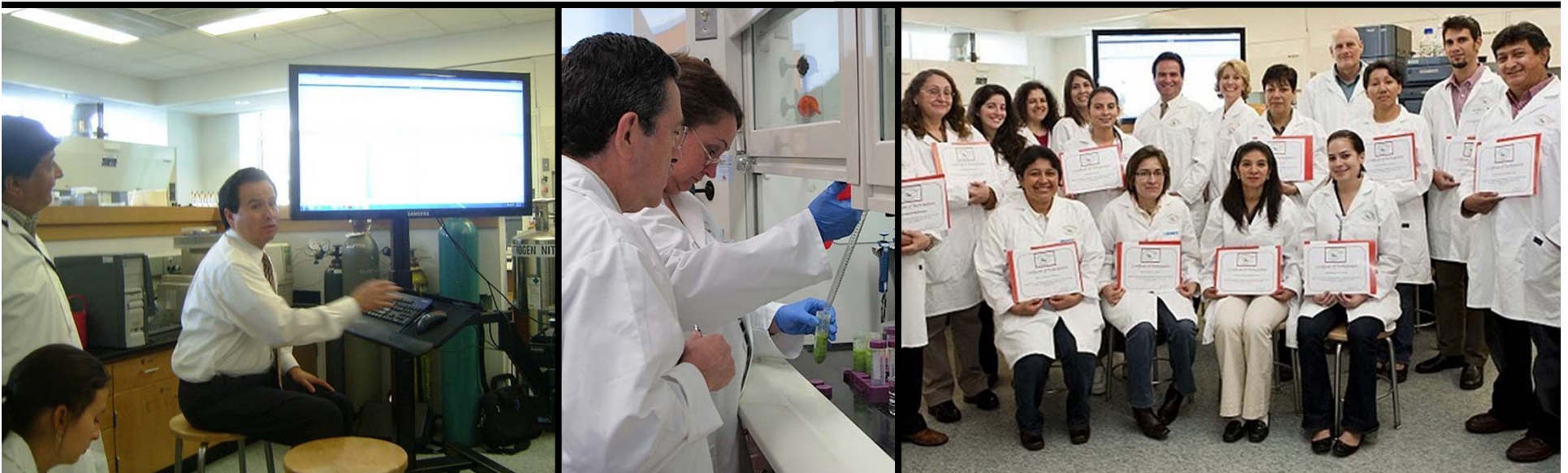
- Build global expertise on fit-for-purpose testing methods
- Allow governments to tap expertise of leading technology providers, universities and others
- Serve as information clearinghouse on regulations, testing methods and chemistries
- Establish permanent channels of communication between regulatory agencies internationally
- Help the FDA meet capacity building requirements in the Food Safety Modernization Act



How it Works

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- FDA, USDA and UMD scientists will inspire, lead and train
- Scientists will interact with regulators and other scientists from around the globe
- Focus on fit-for-purpose testing methods for detecting contaminants in food



How it Works



- Access to the latest, high-quality technology and equipment
- Trainees can sign up for courses that address specific issue of concern
- Trainees take knowledge back home and teach others
- Ability to teach 200 professionals a year



Next steps

- To truly improve global food safety, how can we build upon the IFSTL model?



The Beginning of a Global Network

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The Beginning of a Global Network

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An integrated network creating a global platform for:

- Dialogue and exchange of information
- Sharing curricula and best practices
- Building trust
- Establishing a global community with on-going interaction



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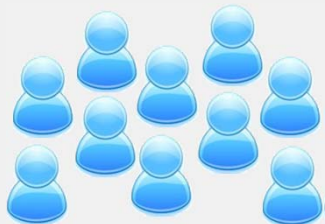
IFSTL: Global Food Safety Model



The International Food Safety Training Lab is...

- **The bridge for international regulators, scientists and industry**
- **A unique forum for collaboration**
- **An opportunity to build trust, enhance trade**

Industry and Governments



Public-Private Partnerships



Global Food Safety Network



IFSTL: A Practical Solution

- **Real, growing global food safety challenge**
- **Practical solutions needed: public-private partnership is critical**
- **IFSTL is a significant achievement**
- **An opportunity exists for a momentous advance**
- **Creation of an integrated, interconnected global network of food safety training laboratories**

