



Chemical Supply Chain and Resilience Project FY 2010 Workshop

Introduction

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Purpose of this Workshop

- Review what has been done to date in this project
- Review capabilities and their application to NISAC problem space
- Discuss documentation to be provided as part of project transition from research to application



Project Structure

Organization	Role
 DHS Science and Technology (S&T) Directorate, Infrastructure and Geophysical Division	Manage the chemical supply chain and resilience project
 Sandia National Laboratories, Interdependencies and Consequence Management Group	Develop analysis and design capabilities
 National Infrastructure Simulation and Analysis Center (NISAC) (managed by DHS Office of Infrastructure Protection [IP])	Apply completed capabilities to disruptions of critical infrastructures and key resources (CIKRs)



Project Direction and Scope



Science and Technology

Direction ← →

Chemical Families in CDM

Petrochemicals

Ammonia
Chlorine

Industrial Acids
Industrial Gases
Select Inorganics

Pesticides,
Insecticides &
Herbicides
Agricultural Fertilizers
Select Plastics &
Precursors

Resilience

developing a
framework for
analyzing and
measuring resilience

framework application
and industry feedback

FY

2006

2007

2008

2009

2010



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Today's Agenda

Time	Topic
8:45	Capability Demonstration
9:45	Break
10:00	Capability Panorama
10:15	Behind the Dataset
11:00	Analysis Tools
11:30	Lunch
12:45	The N-ABLE™ Chemical Supply Chain Model
1:45	Break
2:00	The N-ABLE™ Simulation Environment
2:45	Documentation, Use Cases, and Caveats

