



# MULTI-STATE FLEET RESPONSE WORKING GROUP GEOCOLLABORATE™ TESTBED

**Update to ESIP Disasters Lifecycle Cluster Telecon – March 3, 2016**

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**All Hazards Consortium**



# GOAL OF TESTBED



- Support Fleet-Response Working Group (FRWG) Key Goals
  - Expedite Power/Utility Interstate Restoration & Supply Chain Recovery
- Establish GeoCollaborate™ for Real-Time Data Sharing between testbed participants – Creating Interoperability Between Organizations
- Identify Key Data Sets from Disparate sources that have Value
- Supporting Economic, Community and Business Resilience
- Support the expediting of private sector fleet and resource movement across multiple state lines in response to a disaster
- Gather feedback from partners, impact of real-time data sharing
- Telecons every Wednesday at 10am – FRWG Workgroup Members
- Sensitive Information Sharing Subcommittee
- Annual Meeting in PHL – March 22-23, 2016



# TESTBED PARTICIPANTS

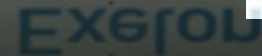


Southeastern Electric Exchange

Founded in 1933, the Southeastern Electric Exchange is a non-profit, non-political trade association of investor-owned electric utility companies.



Edison Electric Institute



# DATA CONTRIBUTORS

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- **States**: Declarations of 'State of Emergency', SITREPS
- **Telecom Sector**: Hughes Corp [open/close status]
- **RMAGS**: Routing of Fleet-Response
- **NOAA NWS**: Real-Time Weather, [Future IDSS]
- **Private Sector**: Proprietary Data, Decision Support Environment
- **ESIP Federation**: Test data products from ESIP members
- \***Open/Close & other datasets could be of benefit to NWS to enhance Hazard Products (Simplification), Communication, IDSS?**



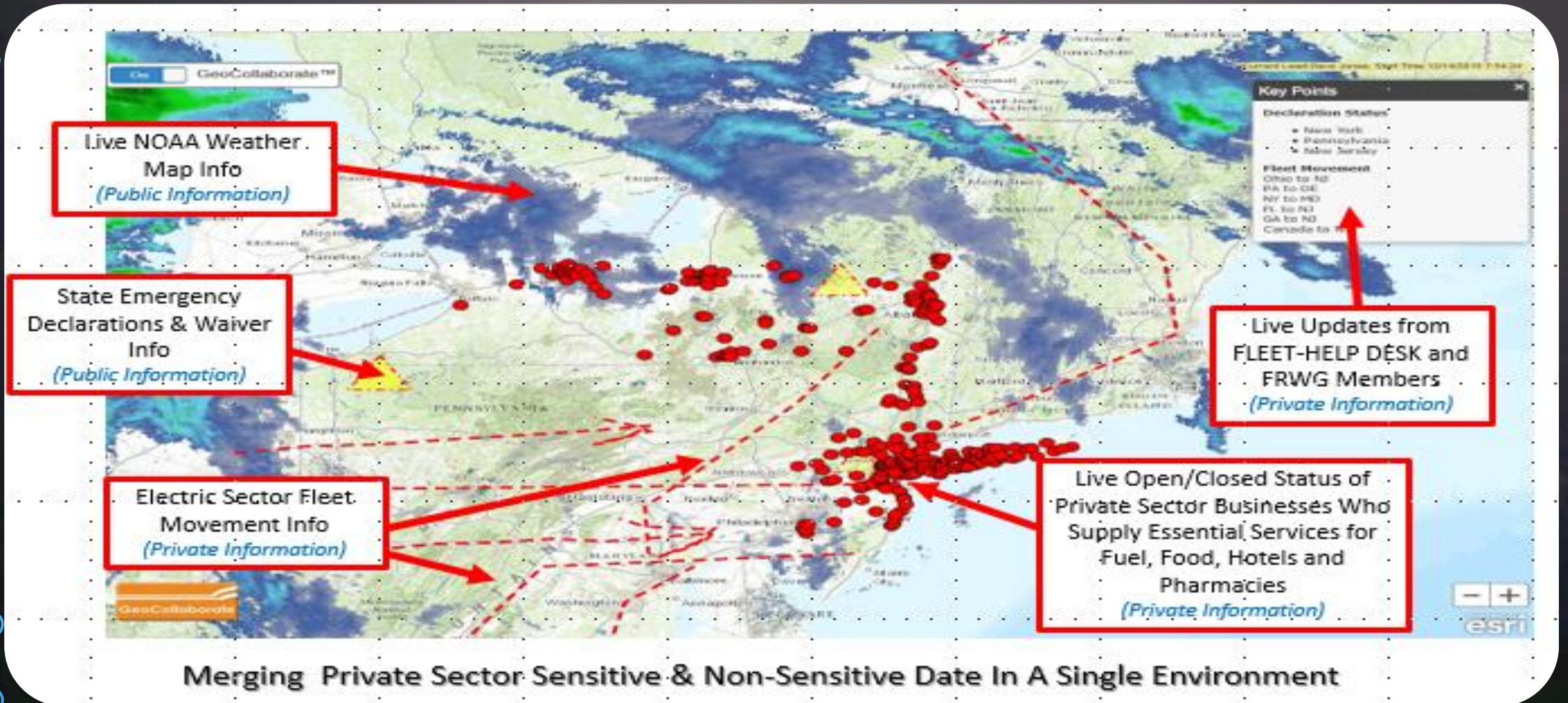
# FLEET MOVEMENT PLANNING - CURRENTLY REAL-TIME SITUATIONAL AWARENESS FOR FLEET-RESPONSE

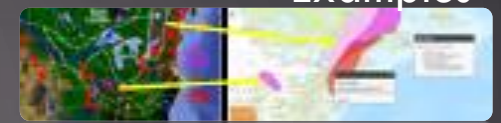
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
01/23/16 @ 1830hrs	Confidential Information Note			NOTE - Information in this document is for operational use only. These are approximate numbers for fleet movement ONLY. This Information does not replace any information exchange between Private Sector and it's local jurisdiction its serves. This information is not used for any media releases. Each company is responsible for their media releases that is shared with their Jurisdictions.																										
Responding States (Private Sector Resources)				US CAN	Pass Through States																Pass Through Possible Impacted States					Requesting States (Private Sector)				
States	Departure Date	ETA	Intra Inter	Cross	AL	GA	SC	IN	MO	KY	LA	MS	AR	TN	IN	OH	DE	NY	NJ	NH	VT	MA	NC	VA	WV	PA	MD	DC	NY (LI)	State
South Carolina	1/21/2016	1/22 - 1/23	Intra																				X	X				X		District of Columbia
New York	1/21/2016	1/22 - 1/23	Intra														X									X	X	X		District of Columbia
Connecticut	1/21/2016	1/23/2016	Intra														X	X	X							X	X	X		District of Columbia
Maine	1/21/2016	1/23/2016	Intra															X	X	X	X	X				X	X	X		District of Columbia
Illinois	1/21/2016	1/23/2016	Intra							X														X	X		X	X		Maryland
New Jersey	1/22/2016	1/23/2016	Intra														X									X	X		Maryland	
New York	1/22/2016	1/23/2016	Intra														X									X	X	X		Maryland
Maine	1/22/2016	1/23/2016	Intra															X	X	X	X	X				X	X	X		Maryland
New York	1/22/2016	1/23/2016	Intra															X										X		New York - Long Island
New England	1/22/2016	1/23/2016	Intra															X		X	X	X						X		New York - Long Island
Canada	1/22/2016	1/23/2016	Intra	X														X										X		New York - Long Island
Florida	1/20- 1/21	1/21-1/22	Intra			X	X																X	X						North Carolina
Alabama	1/21/2016	1/23/2016	Intra		X	X	X																X							North Carolina
Mississippi	1/21/2016	1/23/2016	Intra		X	X	X																X							North Carolina
Texas	1/21/2016	1/23/2016	Intra		X	X	X				X	X											X							North Carolina
Oklahoma	1/21/2016	1/23/2016	Intra										X	X									X							North Carolina
Arkansas	1/21/2016	1/23/2016	Intra											X									X							North Carolina
Georgia	1/21/2016	1/22 - 1/23	Intra				X																X							North Carolina
Indiana	1/21/2016	1/23/2016	Intra					X	X	X													X	X						North Carolina
Ohio	1/21/2016	1/22 - 1/23	Intra																				X	X	X					North Carolina
Kentucky	1/21/2016	1/22/2016	Intra											X									X	X						North Carolina
Illinois	1/21/2016	1/23/2016	Intra												X	X									X	X				Pennsylvania
South Carolina	1/20- 1/21	1/21-1/22	Intra																				X	X						Virginia



# FLEET MOVEMENT PLANNING - TESTBED

## REAL-TIME SITUATIONAL AWARENESS FOR FLEET-RESPONSE





# FEEDBACK TO BENEFIT NWS & FRWG

- Leverage partnership to review and provide feedback to NWS and other data providers for possible product improvement
  - Provide feedback on GIS products, formats, services, timeliness, consistency
  - Work with National Centers on product production feedback/modifications





## FEEDBACK TO BENEFIT NWS & FRWG

- **FRWG will provide input on products that would be helpful to their decision making environment**

- **Such as...**
- **Road closure information could be helpful to responding fleets**
- **River Stream Flooding Information**
- **Impacts to Roadways (i.e. washed out, collapsing, 1 lane passable)**
- **Soil Moisture Content Pre-Storm/Post-Storm**  
[Good to determine if trees may topple in high winds]
- **%Tree Cover / State of Cycle (i.e. budding, leaves, bare)**
- **Wind Speeds – Current and forecast [Sustained and Gusts]**