



# Exchange Network Transitions

Joint ENLC/NTB Meeting

June 19, 2013

# Phase 1 Background

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- 2007 Strategic Plan set a goal to convert 10 National Priority data flows to the Network
  - AQS, Facility ID, WQX, EIS, ICIS-NPDES, TRI, Beaches, UIC, SDWIS, RCRAInfo
- Today 8 of 10 flows use EN as sole means of electronically sharing data

# Phase 2 Background

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- Phase 2 will build on our success to create a Network that enables partners to find, integrate, and use data to better understand, manage, and protect human health and the environment.

# Goal 1

The Exchange Network Becomes Increasingly Usable, Efficient, and Sustainable.

- Manage the Improvement of Existing Data Flows to Improve Usability, Efficiency, and Consistency with the Network Vision.
- Develop New National Data Flows that Serve the Needs of Network Users.
- Participate in efforts to improve the electronic collection and management of environmental data.
- Track and Adopt New Technologies and Processes that will Benefit Partners.
- Increase Partners' Technical Capacity to Implement, Operate, and Maintain Exchange Network Tools and Services.

# Topics to Cover

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- Phase 1 work and accomplishments
  - Review status of Phase 1 data flows
- Transitioning from Phase 1 to Phase 2
  - Review Phase 2 goals
- New Network governance
  - Review changes
  - Review new ENLC/NTB Charter
  - Discuss roles and responsibilities

## Goal 2

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The Exchange Network Becomes Increasingly Relevant and Valuable to a Broadening Community of Partners and Consumers.

- Create Relationships with New Partners and Consumers that Will Broaden the Network Community and Expand Information Sharing.
- Create an Outreach and Marketing Strategy to Increase the Network's Relevance, Value, and Support among Partners and Consumers.
- Strengthen Partnerships with Tribes and Identify Opportunities for Increased Participation.

## Goal 3

The Network Enables Better Decisions Through Timely, Accessible, and Useful Environmental Information.

- Convene Teams to Develop Data Sharing Solutions That Serve the Needs of EN Partners and Consumers
- Document Business Requirements and Build Publishing Services
- Assist Partners in Implementing and Maintaining Publishing Services
- Support the Development of Tools that Promote Easier Discovery, Integration, and Use of Environmental Data

# Goal 4

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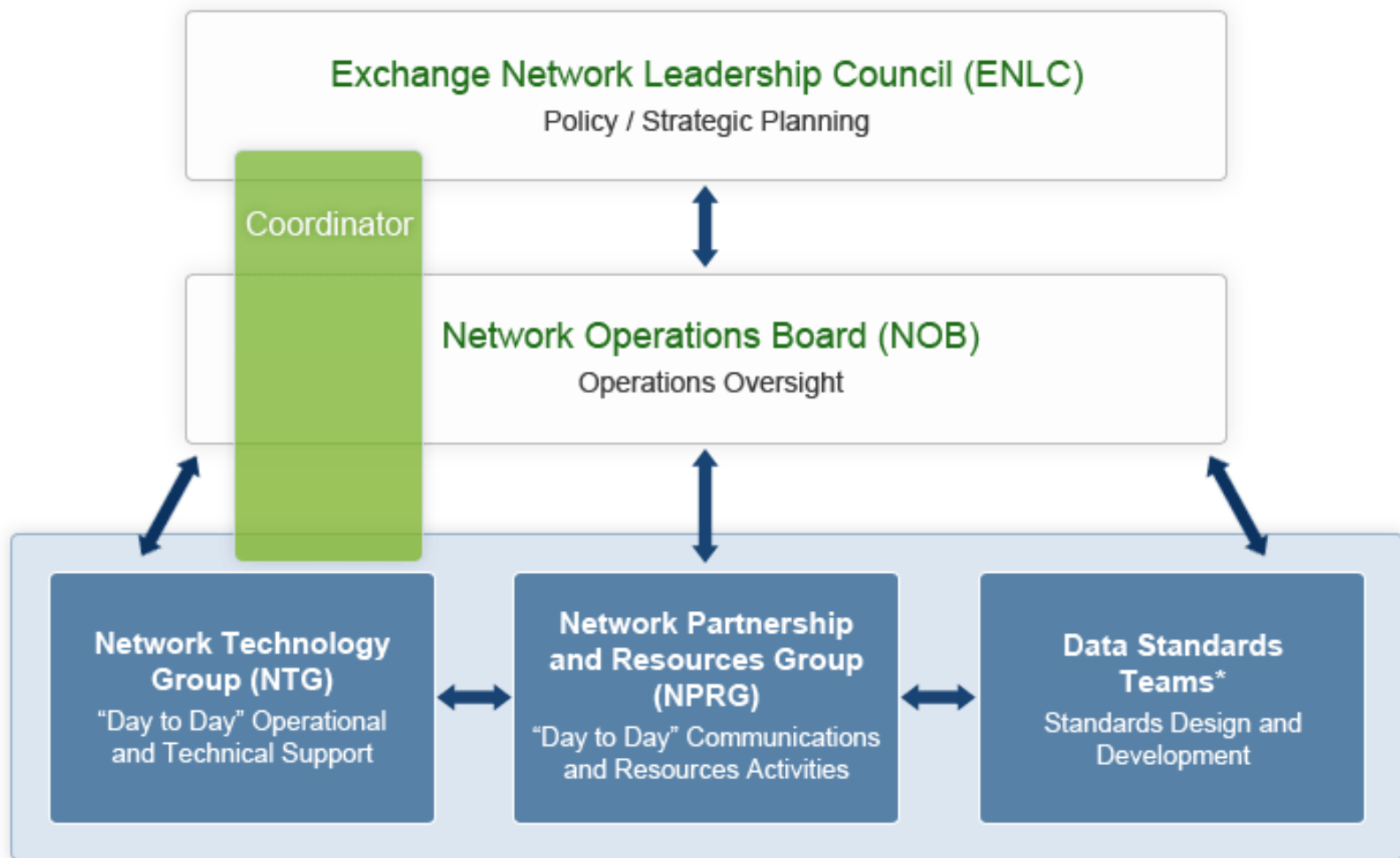
The Exchange Network and its Partners Have Adequate Resources for Implementation, Operations, and Maintenance.

- Secure Resources for Near-term Investment in Phase 2 Priorities
- Develop a Comprehensive Grants Strategy Aimed at Effectively Targeting Available Funding
- Cultivate Long-term Sources of Funding to Assure the Sustainability of the Network



# EN Governance Changes

ENLC asked the Phase 2 Task Force to evaluate the Network's previous governance structure



\*Example Sub-Groups

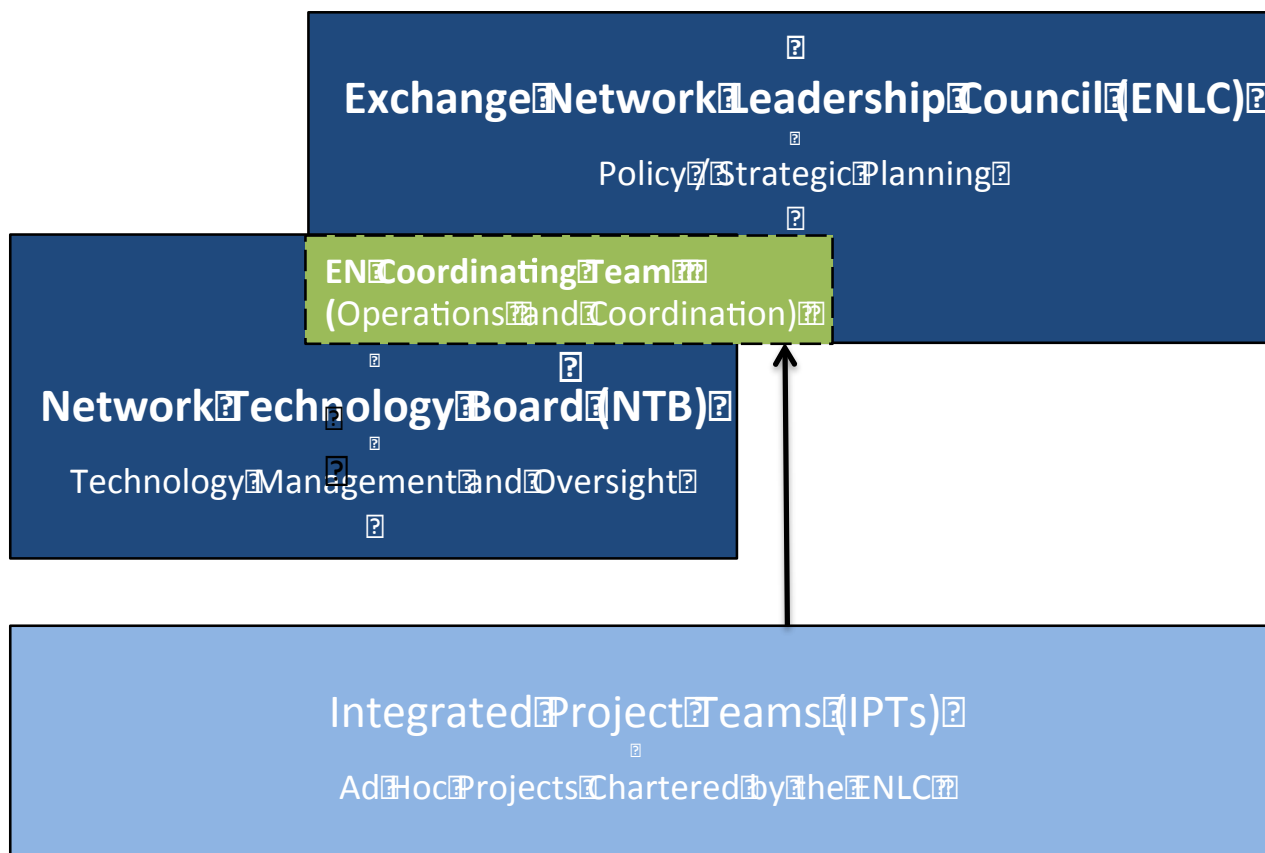
The Task Force recommended changes to:

- More closely align the governance with the Network's operational needs and work patterns;
- Address concerns about member workload and sustainability;
- Expand the governance's connectivity to new communities; and
- Offer more opportunities for direct Partner participation.

# Governance Recommendations

1. Ensure that the membership of the ENLC adequately reflects the composition of the Network community and includes members with skill sets to provide the Network with strategic direction, executive management support, and growth opportunities.
2. Sunset the Network Operations Board and create an ENLC Coordinating Team to manage the day-to-day operations of the Exchange Network.
3. Recast the Network Technology Group as a Network Technology Board with responsibility for managing the technological standards, shared infrastructure, and shared tools of the Network.
4. Sunset the NPRG, assign day-to-day communication responsibilities to staff, and charter an IPT to create an outreach and marketing strategy.
5. Charter Integrated Project Teams with responsibility for creating specific EN work products.

# New EN Governance Structure



# Charter Review: ENLC

The ENLC is the primary leadership body of the Exchange Network.

The mission of the ENLC is to:

- Establish policy and strategic direction;
- Anticipate resource needs and develop plans for securing them;
- Oversee data standards development; and
- Connect the Network to broader communities of interest.

The ENLC is also responsible for chartering Integrated Project Teams (IPTs) to create a specified product, service, or deliverable for the Exchange Network.

# Charter Review: NTB

The mission of the NTB is to:

- Identify and deliberate on operational and technical issues;
- Test, prototype, and explore technical solutions to identified issues;
- Establish and maintain technical procedures, standards, and guidance;
- Manage shared services, resources, and infrastructure;
- Actively track and keep the Network current with emerging and changing technologies; and
- Elevate issues to the ENLC as appropriate.

The NTB will also be responsible for providing input and reviewing work products for IPTs that are working on technical topics, though formal responsibility for chartering IPTs rests with the ENLC.

# Charter: EN Coordination Team

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The membership of the ENLC Coordination Team will at a minimum include:

- The 2 Co-Chairs of the ENLC
- The 2 Co-Chairs of the NTB
- Exchange Network Coordinator

The EN Coordination Team will be responsible for managing the day-to-day operations of the Network and ensuring coordination among the activities of the ENLC and the NTB.

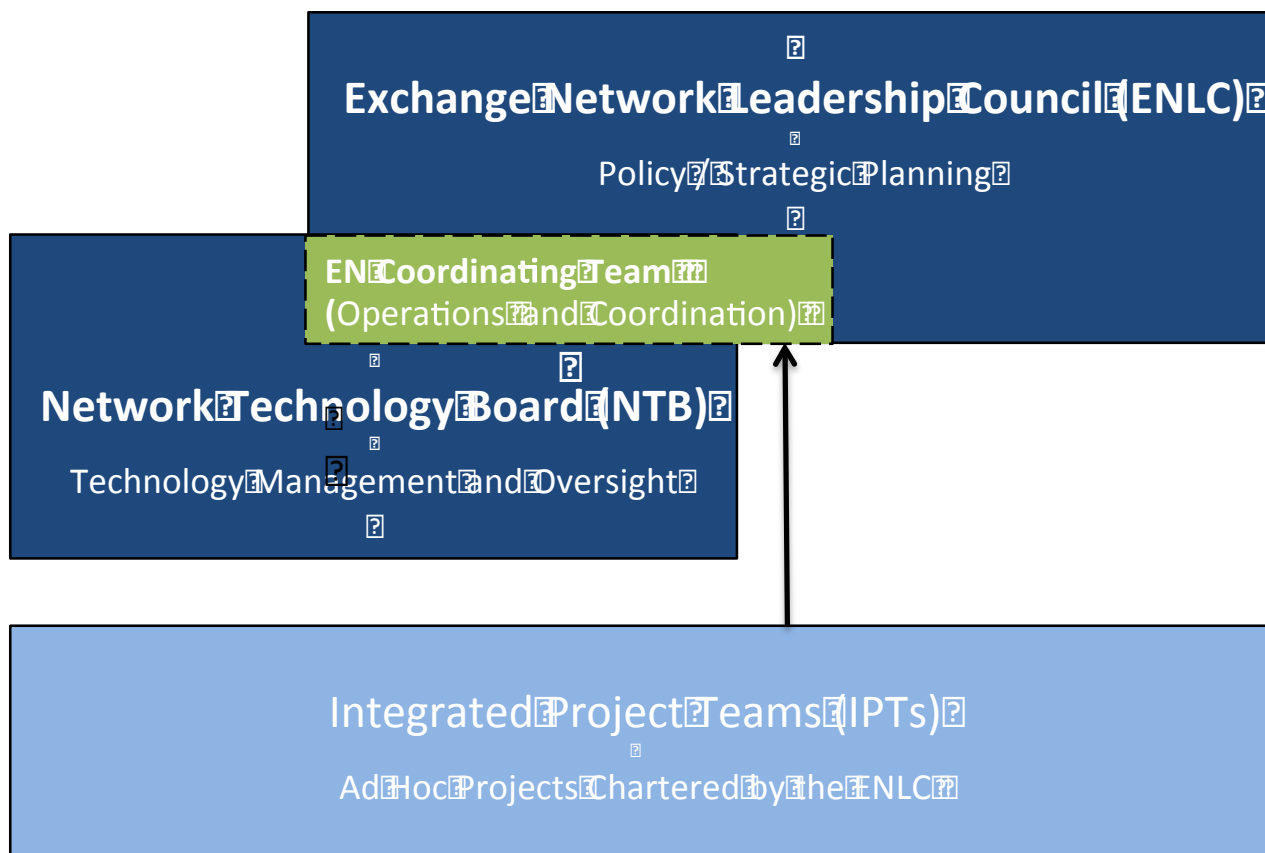
# Charter: EN Coordination Team

The Team will:

- Implement policy, technical, and operational decisions made by the ENLC or NTB;
- Ensure the establishment and maintenance of operational procedures, standards, and guidance;
- Manage staff support and resources for Network operations, communications, and IPTs;
- Help direct the development and implementation of Network Web services and Flows;
- Expeditiously, impartially, and judiciously resolve all Network Partner implementation and operational issues; and
- Refer issues to the ENLC or NTB as appropriate.



# EN Charter Review



# EN Charter Review

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- EN National Meeting IPT
- Generic Data Flow IPT
- REST Guidance