2011 6th Annual National Information Exchange Network Tribal Users Meeting
Palm Springs, CA

May 4th, 2011
SRP-MIC background

- Akimel O’Odham (Pima)
- Xalychidom Piipaash (Maricopa)
- Bound on all sides
- Diverse ecosystem
- Innovative Tribal Commercial Development
Community Location?
preserves and protects natural resources and
archaeological heritage through enforcement and
public education
Who We Are?

- Air Quality Program (AQP)
- Water Quality Program (WQP)
- Environmental Programs & Policy Development (EPPD)
  - Pesticides & Hazardous Substances
  - Solid waste
  - Recycling
  - Environmental Policy
- Land Use Clearances (LUC)
  - Archaeology
  - NEPA
  - Enforcement & Compliance
- Range Management Program (RMP)
Grants

- **Programmatic**
  - General Assistance Program (GAP)
  - WQP
  - AQP
  - Pesticides

- **Special**
  - Brownfields
  - Hazardous Waste
  - Nonpoint Source
  - Invasive Species Removal
  - NEIEN
NEIEN Grant Background

- **Application**
  - Air Quality System (AQS), Emission Inventory System (EIS), and Facility Registration System (FRS) FY06-FY09
  - Water Quality Exchange (WQX) FY09-FY10
  - Climate Change/Greenhouse Gas (GHG) FY11-FY12

- **Roles**
  - EPNR
  - SRP-MIC Information Technology (IT) Department
  - Contractor
Initial Data Exchanges

- Facility Registration System (FRS)
- Emissions Inventory System (EIS)
- Air Quality System (AQS)
- Water Quality System (WQX)
- Greenhouse Gases (GHG)
SRPMIC’s NEIEN implementation is a web-based application built on the Java Enterprise Edition technology stack. A Microsoft SQL Server 2005 database is employed on the backend.

- Java Development Kit
- Sun Java System Application Server
- Sun OpenSSO
- Eclipse IDE
- Microsoft SQL Server
- Microsoft SQL Server Reporting Services
- Hibernate
- Apache Ant
- Apache Axis
- Apache Commons
- Apache Xerces
- Java Mail
Data Exchanges
NEIEN Data Exchange

Air Quality System Entry Screens

Log in screen

Data Flow Screens
Air Quality System Entry Screens cont’d

- AQS Screen
- XML file
- CDX Production Mode
Emission Inventory System (EIS) Entry Screens

EIS Details

EIS Dataflow
EPA Award for first Tribal Submission to EIS Production Server
NEIEN Data Exchange

Water Quality Entry Screens

Search Data Page
- Mark records “Reviewed”
- Submit records to EPA
- Flag results
NEIEN Data Exchange

Water Quality Entry Screens cont’d

Get Status Page

EPA Submit History
Greenhouse Gases (GHG) Data Flow

- GHG Data Flow Schema is in process according to Kong Chiu Chair of GHG Data Flow through verbal interactions
- Implementation is in holding pattern until GHG schema is finalized
EPNR Website – Public Outreach

SRPMIC Tribal Community Training

- Goal to help other Tribal Communities interest in the process and data flows
- Goal to help other Tribal Communities obtain the necessary funding from outside sources to implement data flows
- Set up training in Arizona through the Inter Tribal Council of Arizona (ITCA)
Contact Info

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