

**SEMICOG**

Southeast Michigan Council of Governments

The background of the slide is a blue gradient. Overlaid on this is a stylized map of the Lake St. Clair basin, including parts of Michigan, Indiana, and Ohio. The map is composed of horizontal lines of varying lengths, creating a textured effect. The text is centered over the map.

**Implementing the Lake St. Clair Management Plan**  
**March 19, 2008**

# Purposes



- Review Implementation of Plan
- Summarize status of certain activities
- Put forth challenges
- Perspective via regional forecast

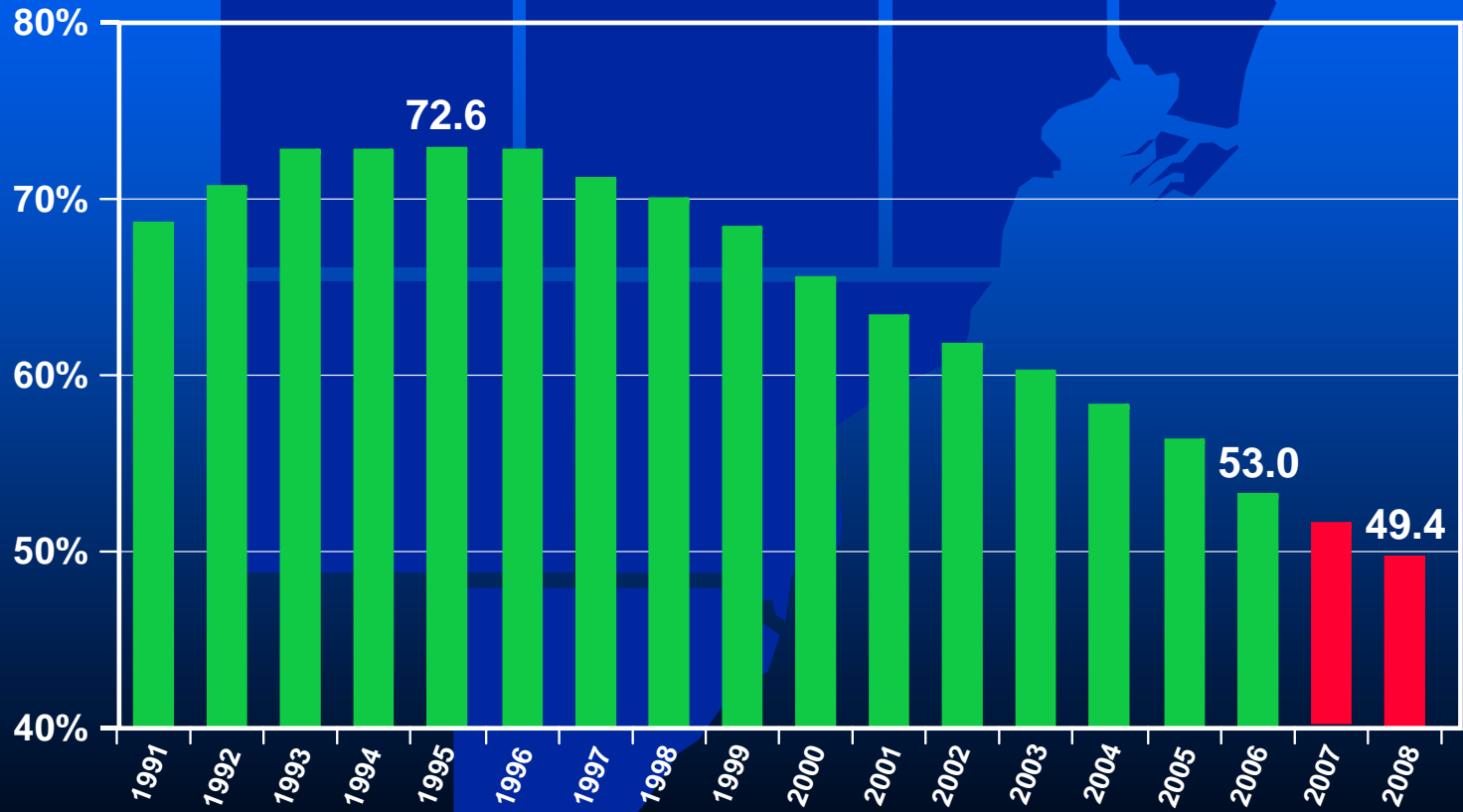
# What's going on in the region?

## 2035 Regional Development Forecast

- Fundamental restructuring of economy

# Big Three Market Share of U.S. Light Vehicle Sales (%)

1991-2008



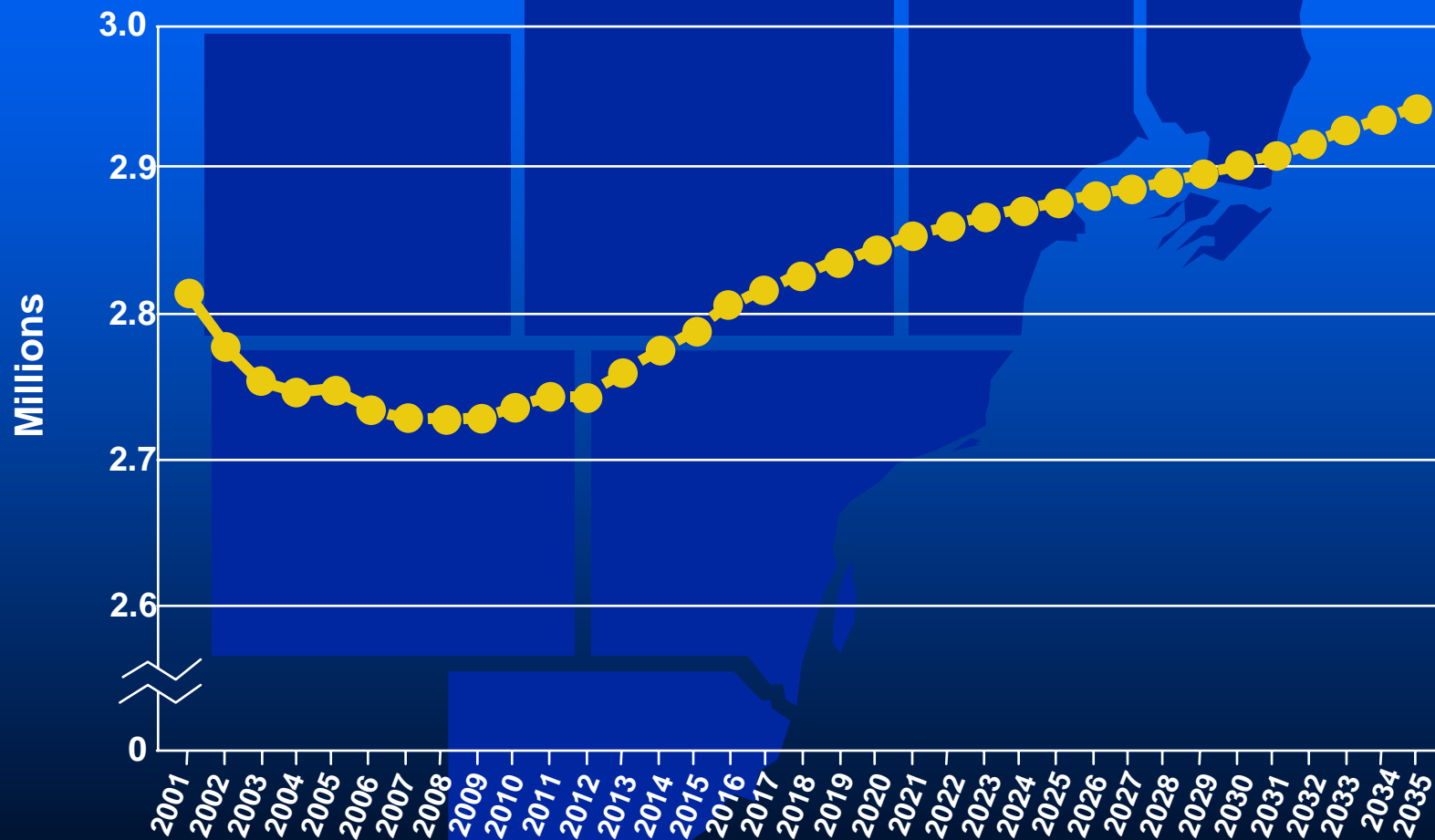
Source: SEMCOG 2035 Forecast

# Percent Concentration by Sector in Southeast Michigan vs. United States 2005

Industry	Relative Concentration Percentage
Motor vehicles and parts manufacturing (production plants)	+680%
Manufacturing except motor vehicles and parts	-22%
Private nonmanufacturing	-1%

Source: SEMCOG 2035 Forecast

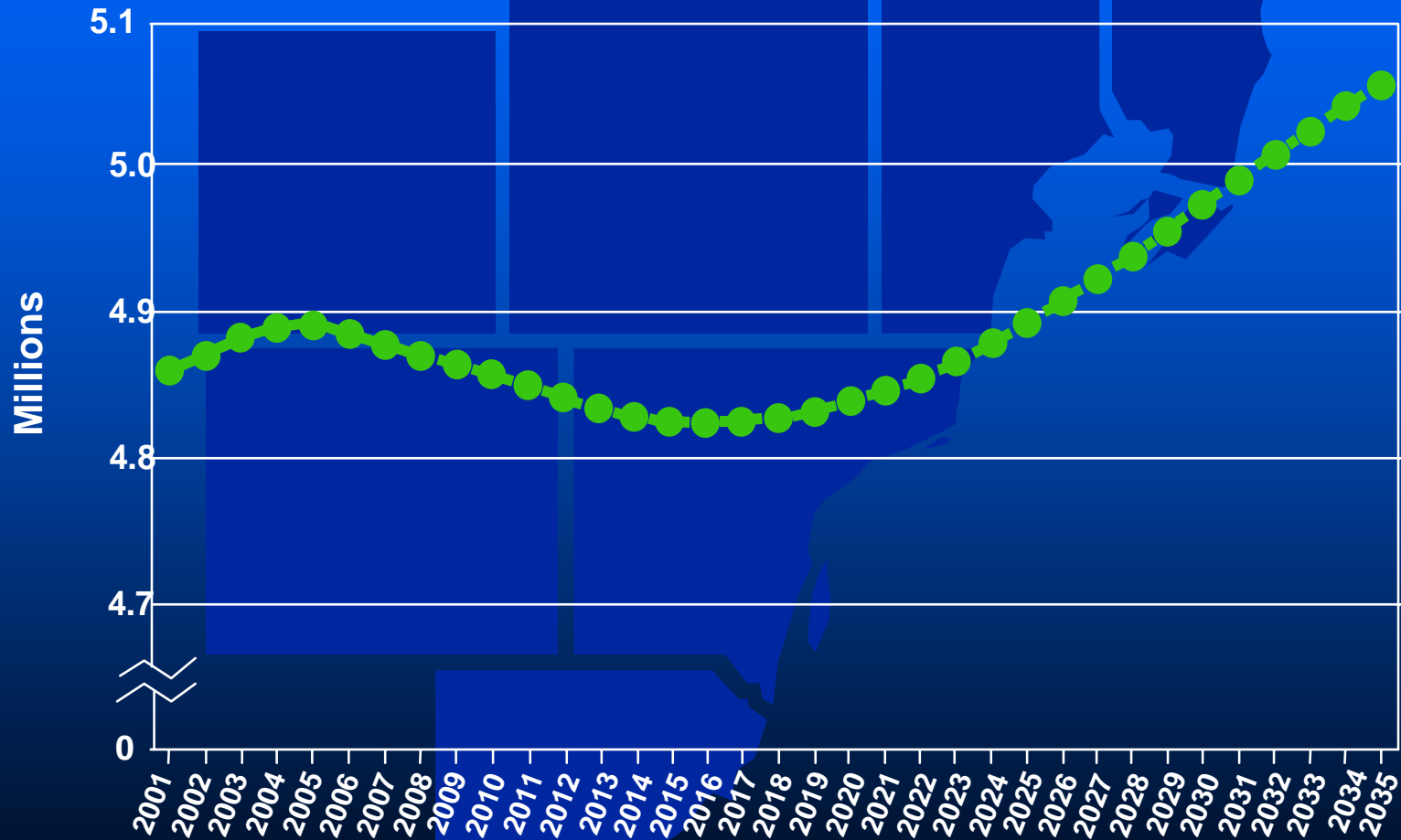
# Total Employment Southeast Michigan, 2001-2035



Source: SEMCOG 2035 Forecast

# Population

## Southeast Michigan, 2001-2035



Source: SEMCOG 2035 Forecast

# Why does this matter?

- Period of turmoil and transition
- Think out of the box
- Change the paradigm
- Consolidate/Get rid of baggage
- etc. etc.
- Impediment or opportunity?

# Macomb/St. Clair Inter-County Watershed Management Advisory Group

## Participating Agencies

- County departments
- State agencies
- Federal agencies
- Local governments
- Consulting technical experts

## Why the Team Approach

- Leverage human and fiscal resources
- Partners engage in areas of expertise
- Partners engage based on institutional responsibility
- Focus federal and state partners on local priorities

# St. Clair River/Lake St. Clair Management Plan

- Released in 2004
- 100 plus recommendations



**This Matters**

Federal acceptance of the Plan



**This also matters**

Too much to swallow at once

# 100 Recommendations!

Need to choose.....

.....Priorities developed via Macomb  
Health Department project



**Then what?**

## Turned priorities..... Into fundable projects



- Phragmites control
- Habitat restoration
- Maintaining real-time monitoring
- Integrating monitoring with modeling
- Illicit detection
- Information management

# Why these priority projects?

- Solicitation of input: very broad
- Consensus priorities
  - Building on existing efforts
  - Status quo has a fatal flaw

# Current State of Affairs: Strategy for implementation

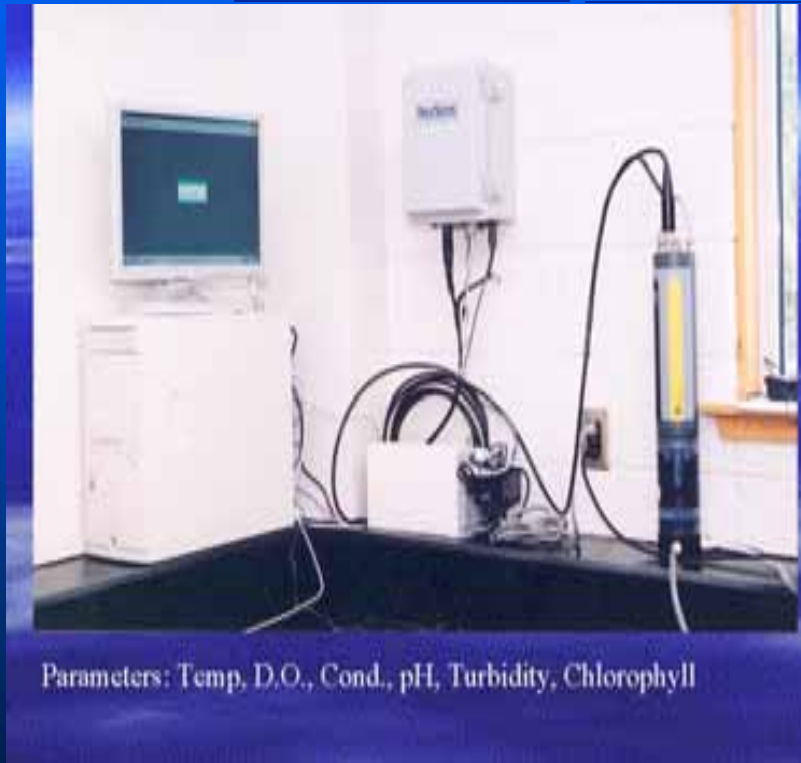
Federal grants

Earmarks

Local match

Incorporate into agency programs

# Maintaining the Real-Time Monitoring System



## Progress

- Earmark submitted
- Top priority
- Local match: 4 counties, 13 water treatment plants
- St. Clair County has committed \$50,000
- Long term funding?

# Phragmites Control



## Progress

- Received \$379,000 from USFWS
- Phragmites control on 800 ac. of wetlands
- Local match secured: \$93,300
- Match remaining: \$79,047

## Funding Partners

- Huron Clinton Metropolitan Authority
- Harrison Township
- Ducks Unlimited
- St. Clair Flats Waterfowlers, Inc.
- St. Clair County Parks and Recreation Department



# Biological Control of Phragmites

## Benefits

- Lowers risk of chemical controls
- Lower cost
- More sustainable

## Funding Strategy

- Federal research grant
- Avoid Water Resources Development Act
- Avoid non-federal cost share



# Habitat Restoration



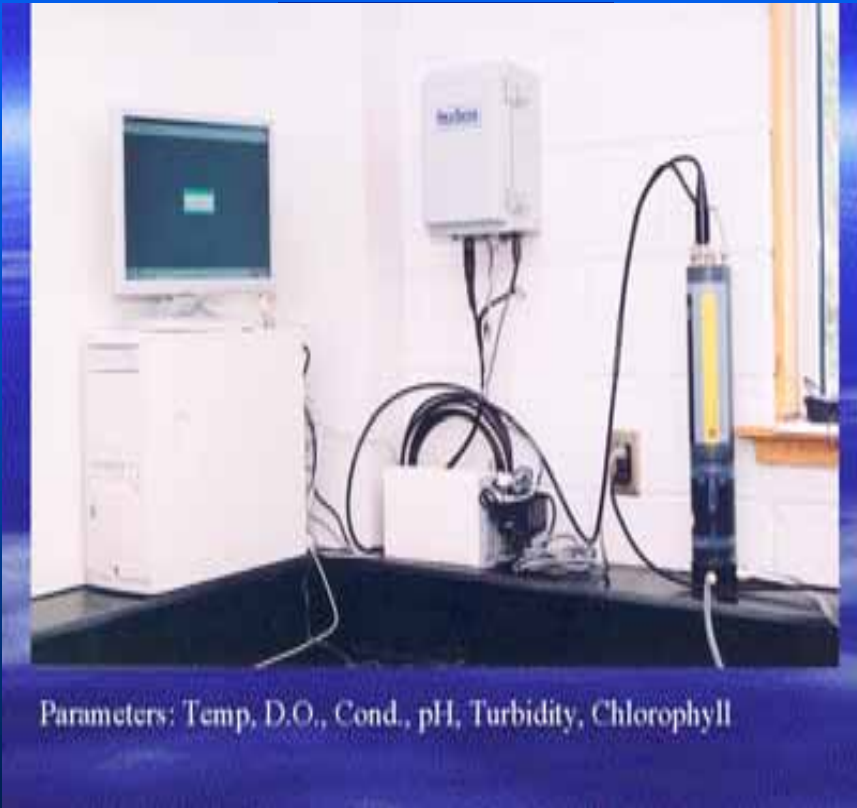
## Benefits

- Protects fish/wildlife population
- Protects economic benefits of Lake
- Increase recreational value
- Attracts investment

## Funding strategy

- Water Resources Development Act
- Army Corps of Engineers
- Non-federal cost share

# Integrating Monitoring with Modeling



## Progress

- Spearheaded by GLOS
- Received \$360,000 NOAA grant

## Grant Activities

- Two-D model: water levels and flows in HEC
- Three-D model: St. Clair River
- Assess contaminant risk at intakes

# Eliminate Illicit Discharges



## Progress

- Submitted 2008 earmark
- denied
- Priority project

## Funding Strategy

- Water Resources Development Act
- Non-federal cost share requirement

## Need for Local Match: The Dilemma

- Recognition that actions are needed
- Bad timing: Local fiscal resources
- Without local match, Federal funding unlikely

# Current State of Affairs:

Short term: match for two projects

- Real-time monitoring
- Phragmites control

# Current state of Affairs:

- Earmarking-Long term viability???
- Exploit Opportunity in WRDA
- Funding Army Corps Plan

# Some of the challenges

- Numerous actions desired
- Complex web of interests
- Complex web of institutions
- Tight fiscal resources **will be tighter**

# So what do we do?

**F**ormalize: Collaboration

**R**ecognize: Long-term funding is on us

**E**ngage: Entire watershed

**D**isclose & Contemplate: Cost share options

**FRED**

# Summary



- 8 priority projects
- Various funding options
- Success with federal funds tied to local commitment



Is the current climate..

A problem

or an opportunity?