



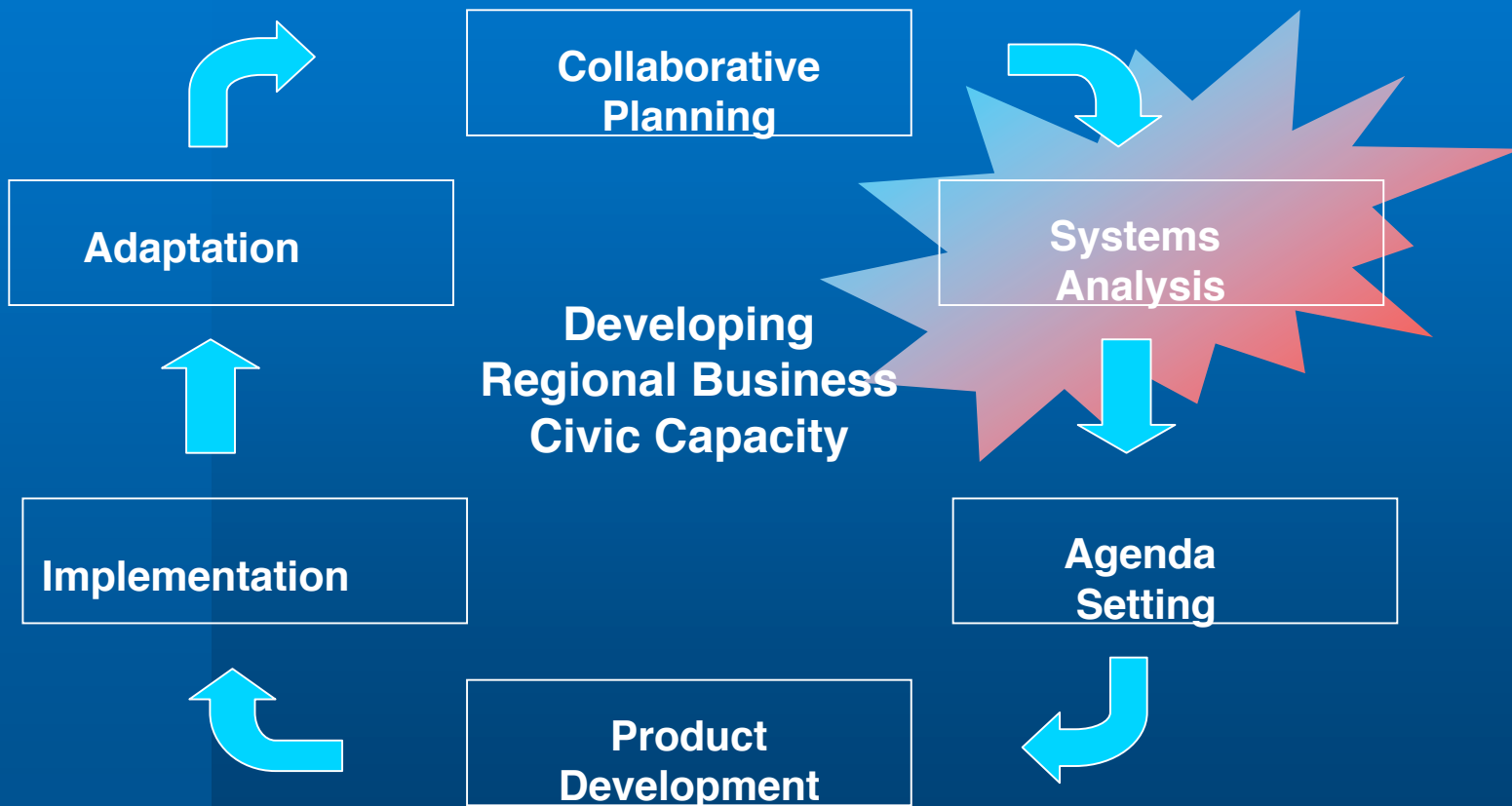
Systems Analysis



Roadmap

- **Fitting Systems Analysis into Capacity Building**
- **A Framework for Thinking About Systems Analysis**
- **Questions to Consider**

Process for Developing Capacity



Systems: Assessing Performance

- What are current conditions?
- What are trends (historic, comparative)?
- What is the context?

Systems: Drivers

- **Why does the region produce certain outcomes?**
 - How do land use and transportation system design contribute to outcomes?
 - How does workforce availability affect the location of businesses?
 - What “comparative advantages” does the region have for economic development?

Perspectives on Systems Analysis

- **Inter- vs. Intra-metropolitan analysis**
- **Different Dimensions**
- **Types of Analysis**
- **Communication**

Inter- vs. Intra Metropolitan Analysis

- **Urban Form: Within the Metropolitan Area**
- **Inter-Regional Competition: Among Metro Areas**
- **Form Affects Competitiveness**

Dimensions of Analysis

- **Physical (housing, transportation)**
- **Social (ethnnicity, income)**
- **Economic (labor markets)**
- **Political**
- **Combinations of these**

Type of Analysis

- **Descriptive (what)**
 - *Plastrik: “Assessing Performance”*
- **Analytical (why)**
 - *Plastrik: “Drivers”*
- **Alternative Futures (what if)**

Process for Analysis

- Who does it?
- What techniques?
- Where does the information come from; where does it go?

Communication

- **Who's supposed know something different?**
 - **Technicians**
 - **Leaders/Decision-makers**
 - **Public**

Case Studies

- **Chicago 2020**
 - Frank Beal
- **Bay Area Footprint**
 - Andrew Michael

Questions

- **What mix of dimensions (physical, social, economic, political)**
- **What types of analyses**
- **What process**
- **How communicated**