

Center for Sponsored Coastal  
Ocean Research

**Model for Successful Project  
Design and Implementation**

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NOAA

# Goals

- Provide a model for successful design and implementation of a CSCOR project \*

\*Based on concepts of “Adaptive Management” promoted by Foundations of Success

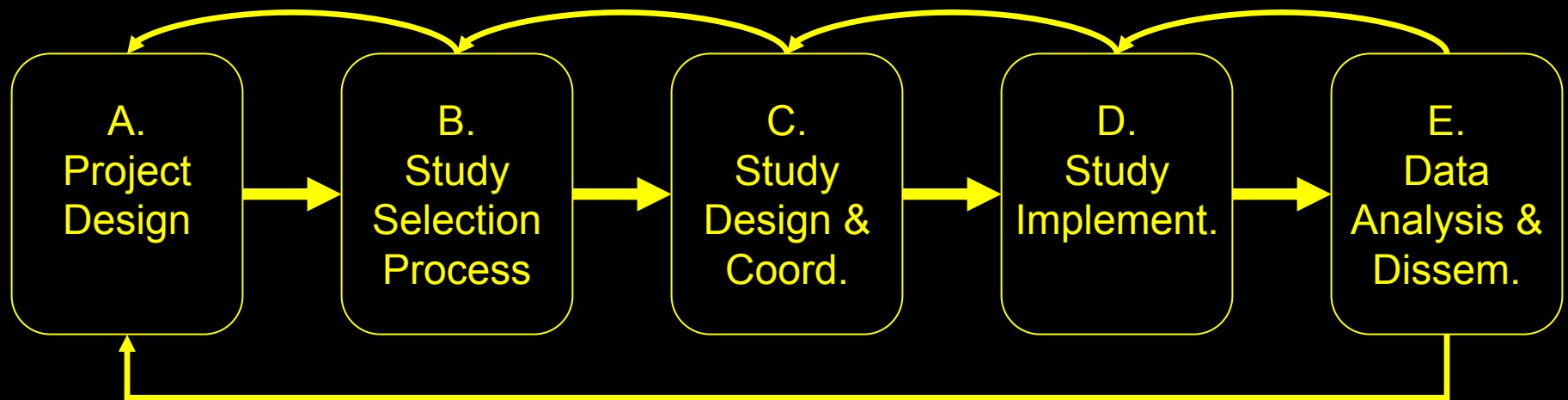
# Successful CSCOR Project

- Achieve specific objectives within finite lifecycle
- Systematically learn from its actions
  - Learn from both successes and failures

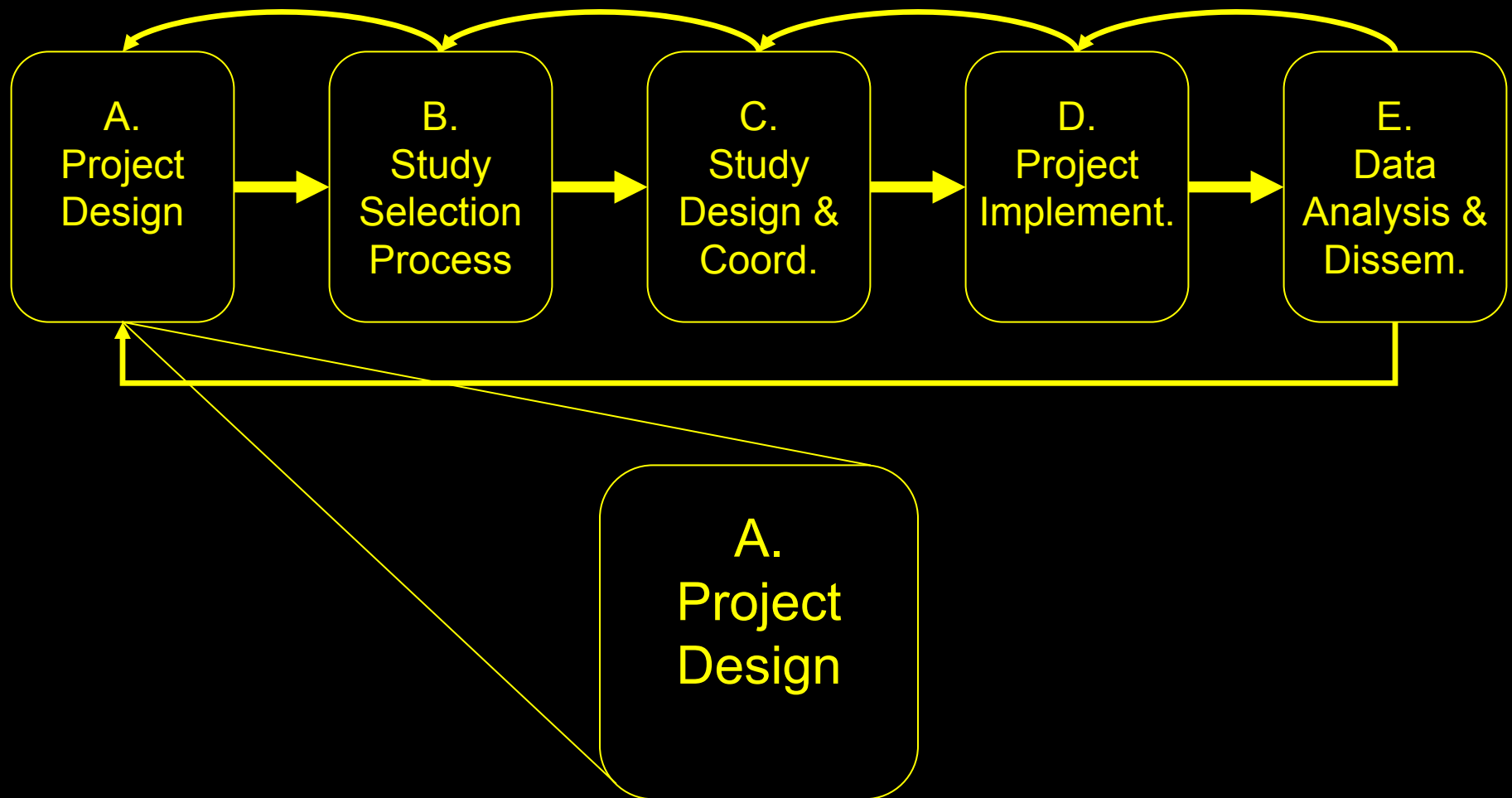
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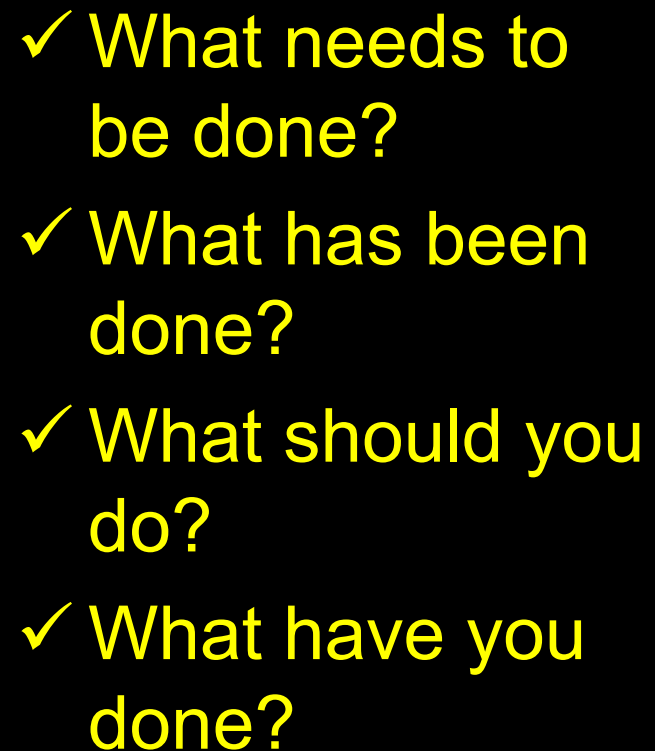


# Successful CSCOR Project



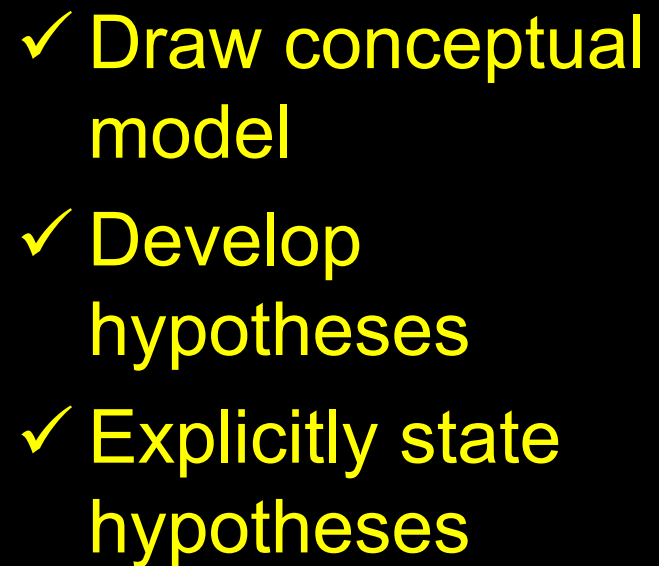
# Successful CSCOR Project

- Project Design
  - situation assessment
  - project model
  - project structure
  - goals, objectives, activities
  - project monitoring

- 
- ✓ What needs to be done?
  - ✓ What has been done?
  - ✓ What should you do?
  - ✓ What have you done?

# Successful CSCOR Project

- Project Design
  - situation assessment
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  - goals, objectives, activities
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- 
- ✓ Draw conceptual model
  - ✓ Develop hypotheses
  - ✓ Explicitly state hypotheses



# Successful CSCOR Project

- Project Design
  - situation assessment
  - project model
  - project structure
  - goals, objectives, activities
  - project monitoring

- ✓ Institutional home
- ✓ Timeframe
- ✓ Management and staff
- ✓ Types of Support
- ✓ Project review process
- ✓ Budget

# Successful CSCOR Project

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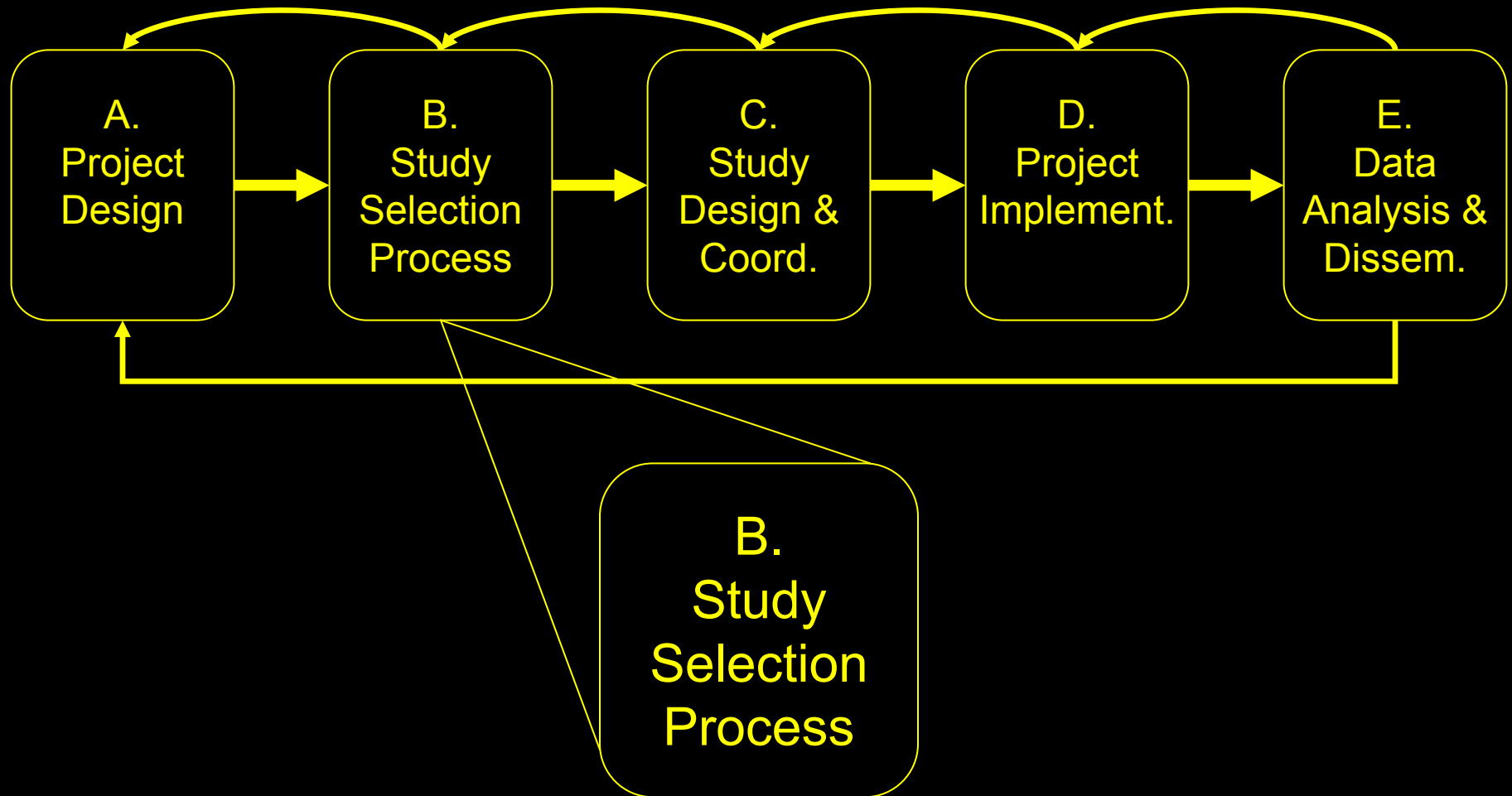
- ✓ Goal = general summary
- ✓ Objectives = statement of desired outcomes
- ✓ Activities = specific actions to reach objectives

# Successful CSCOR Project

- Project Design
  - situation assessment
  - project model
  - project structure
  - goals, objectives, activities
  - project monitoring

- ✓ Essential
- ✓ Requires time and money
- ✓ Save fiscal resources by taking corrective actions early

# Successful CSCOR Project



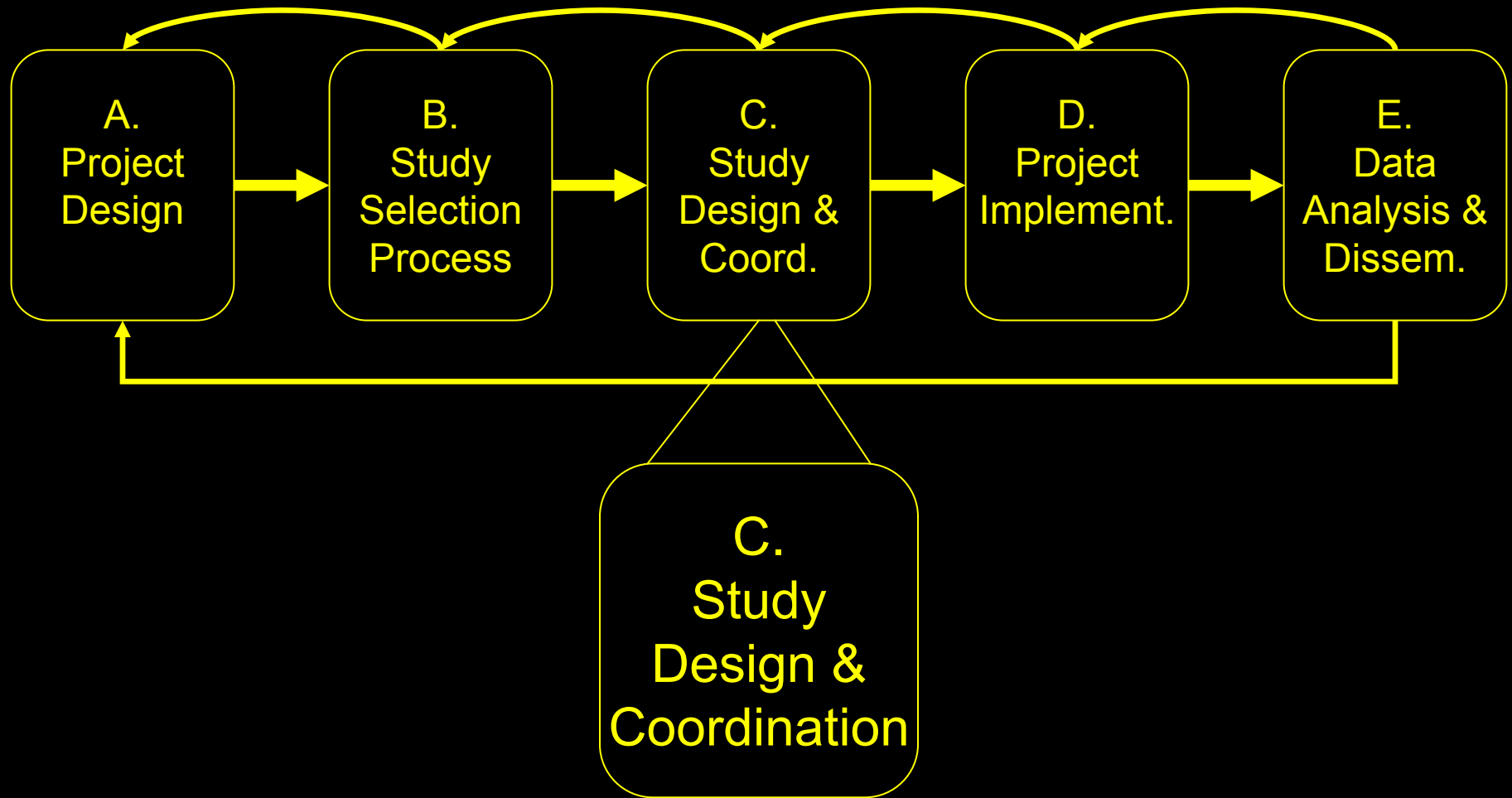
# Successful CSCOR Project

- Design effective process
- Select around the specific topic or theme

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# Successful CSCOR Project



# Successful CSCOR Project

- Study Design & Coordination
  - identify audiences
  - develop conceptual model of studies
  - combine models and identify key questions
  - determine data collection needs & methods
  - develop data sharing plans



✓ Determines information Needs



# Successful CSCOR Project

- Study Design & Coordination

- identify audiences
- develop conceptual model of studies
- combine models and identify key questions
- determine data collection needs & methods
- develop data sharing plans

- ✓ Good understanding of projects
- ✓ Verify project focus
- ✓ Develop common language


# Successful CSCOR Project

- Study Design & Coordination
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- ✓ Strong similarities
- ✓ Interesting differences
- ✓ Identify sub-hypotheses
- ✓ Develop new questions

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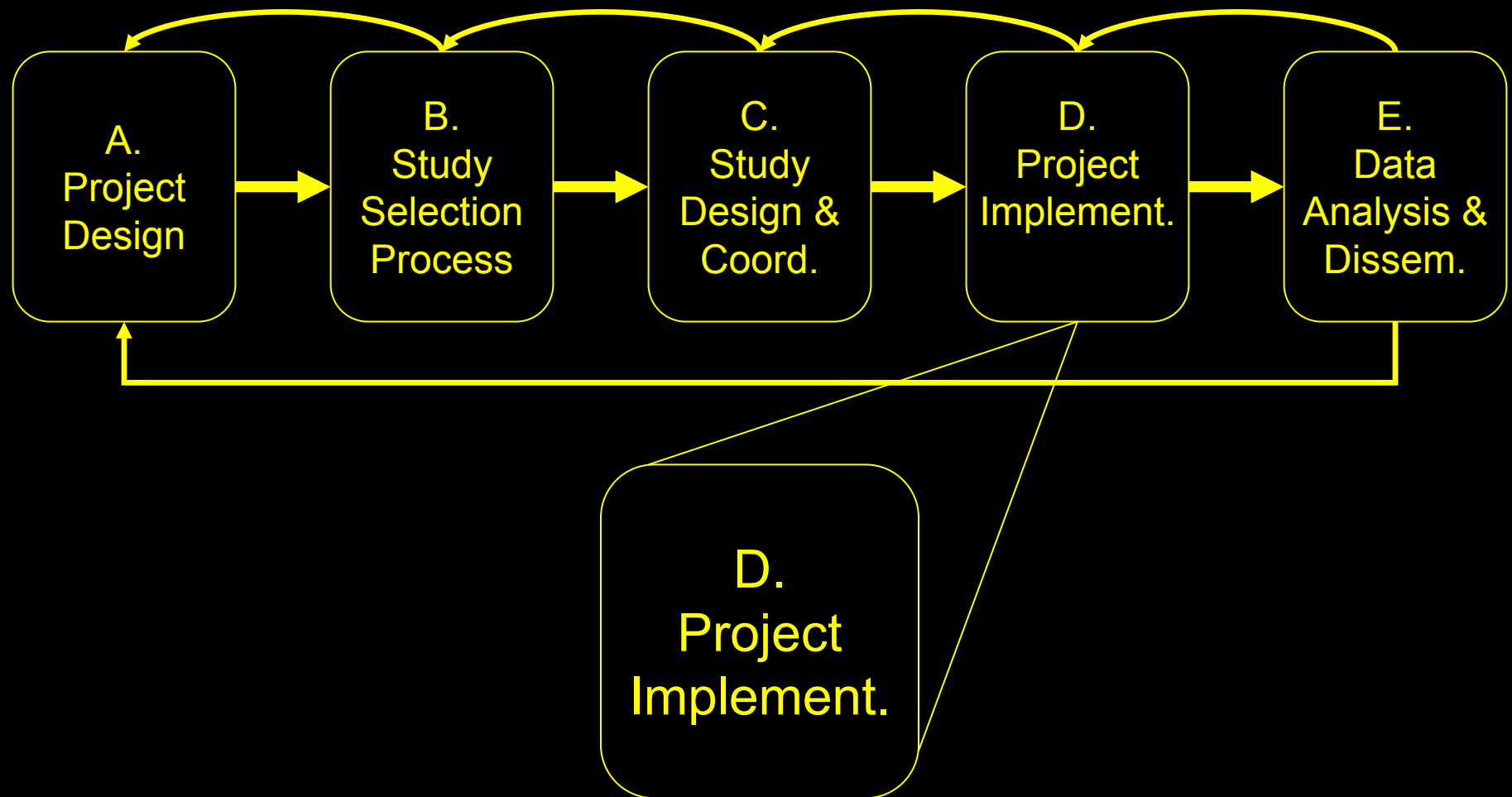
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- ✓ Sampling strategies
  - ✓ Indicators
  - ✓ Methods

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- Study Design & Coordination
  - identify audiences
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- ✓ Identify proprietary issues
- ✓ Create sharing procedure
- ✓ “Social Contract”

# Successful CSCOR Project



# Successful CSCOR Project

- Project Implementation
  - ensure all roles are covered
  - face-to-face meetings



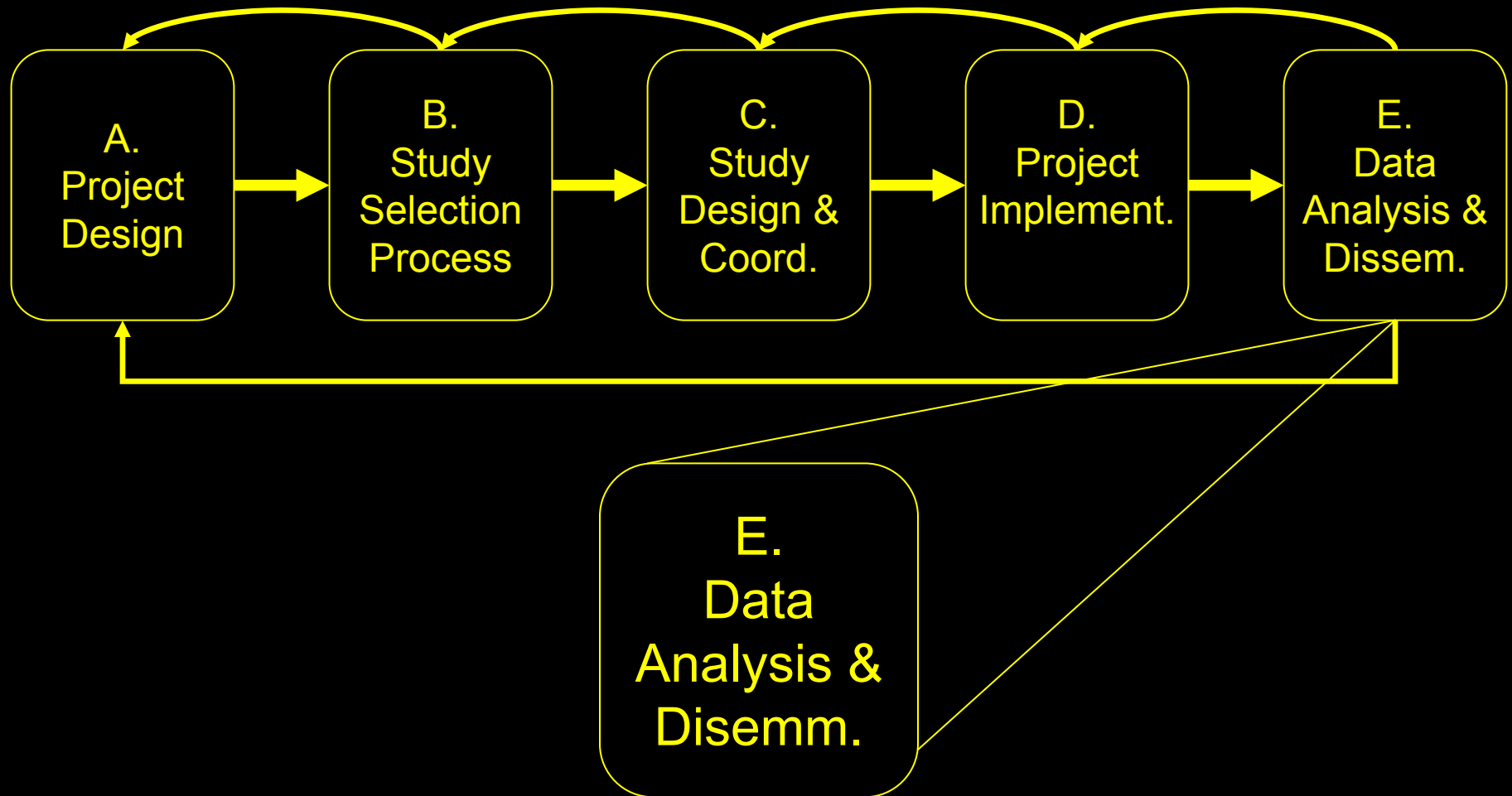
✓ Avoid pitfalls of implementation

# Successful CSCOR Project

- Project Implementation
  - ensure all roles are covered
  - face-to-face meetings

- ✓ Facilitates implementation
- ✓ Costly and time consuming (plan carefully)

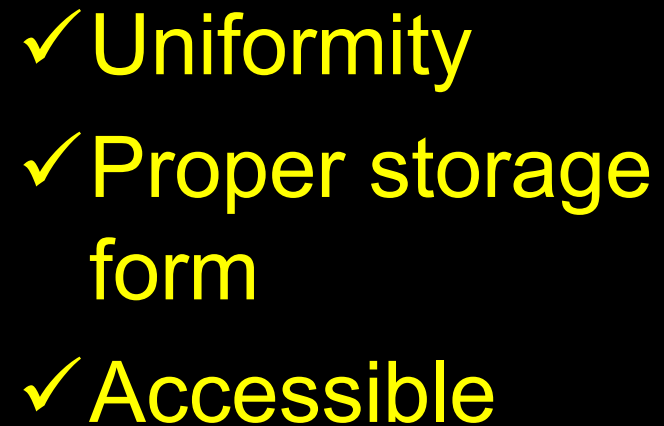
# Successful CSCOR Project





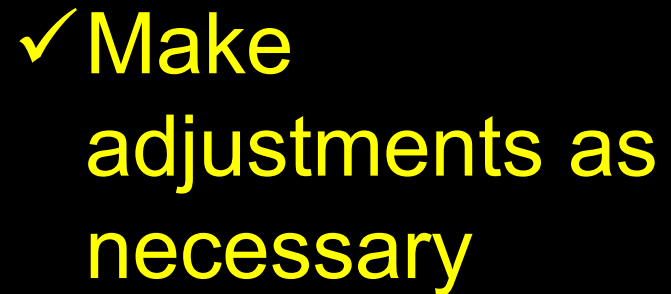
# Successful CSCOR Project

- Data Analysis & Dissemination
  - compile data in standardized form
  - analyze on ongoing basis
  - inform key audiences

- 
- ✓ Uniformity
  - ✓ Proper storage form
  - ✓ Accessible

# Successful CSCOR Project

- Data Analysis & Dissemination
  - compile data in standardized form
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✓ Make adjustments as necessary

# Successful CSCOR Project

- Data Analysis & Dissemination
  - compile data in standardized form
  - analyze on ongoing basis
  - inform key audiences

- ✓ Internal
  - feedback
  - PI meetings
- ✓ Outreach
  - ✓ multi-media
  - ✓ Verify impact