The Onyx Group

Presentation for th th Environmental and Energy Symposium and Exh

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National Defense Industrial Association

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Navy Regional Planning, Environmental Planning, and Management

Integrating Process and Technology

Agenda

- Purpose
- Navy Regional Shore Infrastructure Planning (RSIP)
  - Methodology
  - Process Model
  - Content Development
- RSIP Process/Regional Shore Infrastructure Portal (RSIP-Link)
- Relevance to Navy Regional Planning, Environmental Planning, and Management
- Case Study

Purpose

This Presentation Will Discuss the Fusion of Planning Process and Technology as Applied to Navy Regional Shore Infrastructure Planning

- **Define the Regional Shore Infrastructure Planning process**
- **Illustrate how technology has developed to facilitate and enhance the process**
- **Demonstrate its relevance as a tool for regional planning, environmental planning, and management**

Regional Shore Infrastructure Planning (RSIP)

RSIP Methodologies

Regional Shore Infrastructure Planning (RSIP) is a long-range planning process that expands the planning perspective from the activity level to the regional level. This process looks beyond activity boundaries and stovepipe functional alignments to optimize existing facility use, reduce infrastructure costs, and increase sustainability.

RSIP builds from a vision to set the overall planning guidance for the region with input from the Installation and other regional stakeholders.

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Regional Shore Infrastructure Planning (RSIP)

Process Designed to Achieve Several Regional Planning Goals and Objectives

- **Minimizing requirements and optimizing existing resources**
- **Optimizing the use, economy, and investment strategies of infrastructure**
- **Identifying efficient utility systems and other infrastructure to achieve energy conservation goals**
- **Adopting a policy of “cradle-to-cradle” (sustainable) lifecycles for facilities and infrastructure through more flexible design and adaptive reuse**

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Regional Shore Infrastructure Planning (RSIP)

Process Designed to Achieve Several Regional Planning Goals and Objectives

- **Recognizing the environmental association of all planning recommendations and providing ecologically sustainable solutions that support and enhance the regional establishment**
- **Analyzing and recommending mutually beneficial uses with other services, federal, state and local agencies, and the private sector**
- **Recommending a variety of facility management methods**

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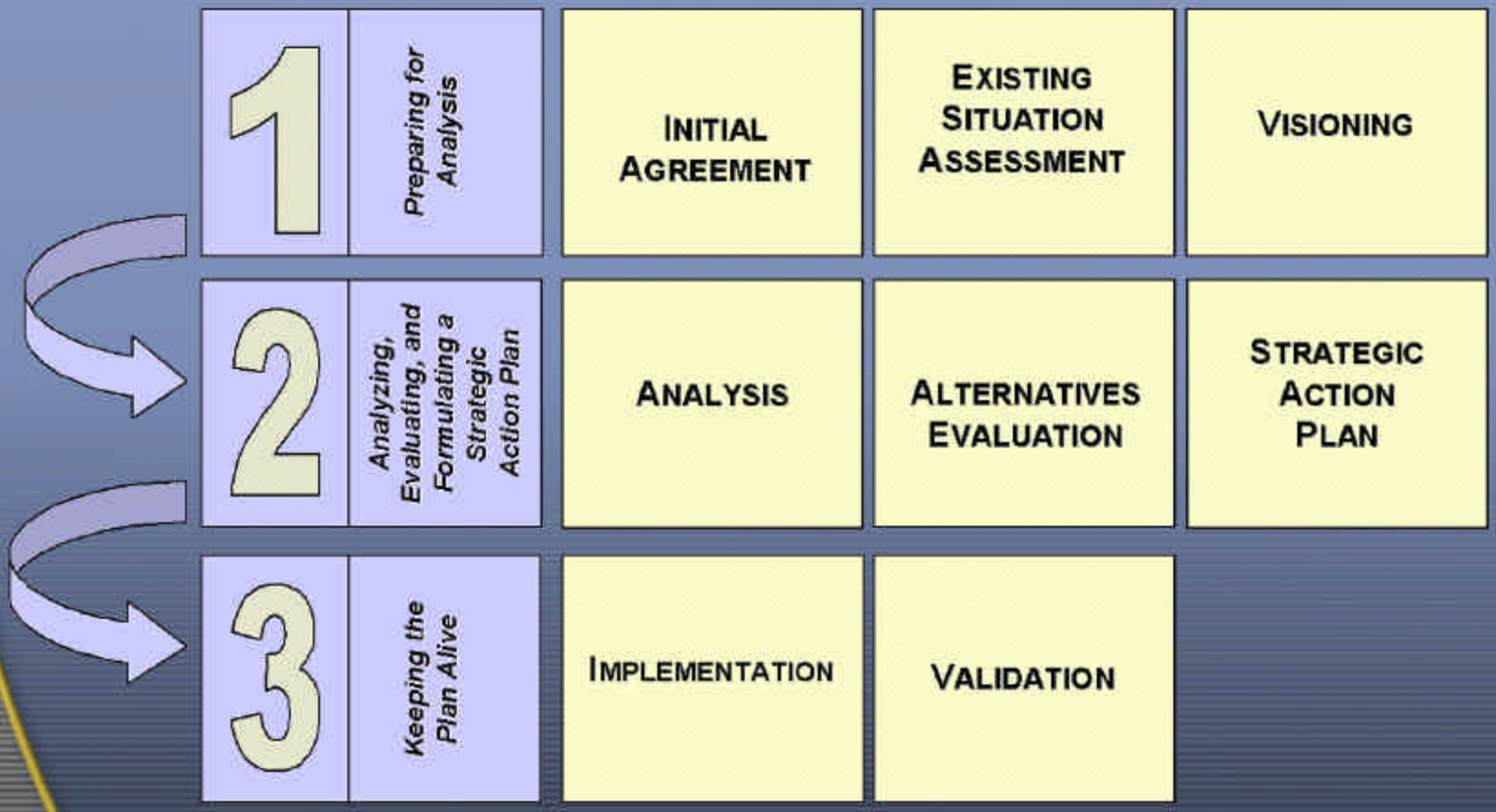
Planning Process/Model



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Content Development

As the paradigm of Navy planning shifts, increasingly focusing on the interaction and interdependencies of the many stakeholders found within the region, so too does the volume and complexity of information integral to the planning and decision-making process.

- **Physical Systems**
- **Environmental Systems**
- **Human Systems**
- **Existing Built Environment**
- **Regional Built Environment**
- **Regional Planning Tools and Regulatory Systems**

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RSIP Process/RSIP-Link

The opportunities of contemporary information management technologies to work with and support the emerging RSIP process are enormous and can be linked to every resource area integral to regional planning, environmental planning, and management.

- **Text documents**
- **Maps and plans**
- **Tabular data**
- **Photographs**
- **Graphics and multimedia**
- **Briefs and presentations**
- **Links to other online systems and resources**

Relevance to Regional and Environmental Planning and Management

Introduction of RSIP-Link Into the Navy Regional Planning Process:

- **Facilitates analysis of both the natural and built environments locally (installation and environs) and regionally;**
- **Enhances the application of planning information to more accurately reflect existing conditions;**
- **Enables more accurate analysis and sharing of information between stakeholders; and**
- **Produces a broader universe of opportunities for optimizing resources, developing and implementing sustainable solutions, and enhancing the regional establishment.**

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Case Study

Review of RSIP/RSIP-Link Development for the Naval Education and Training Command

- **34 bases in the U.S.**
- **74,000 acres of land**
- **32,000,000 square feet of building floor plans**
- **Master plan, engineering evaluations, facility requirements, 1391 documentation, other planning documents**
- **78 environmental elements tracked, reporting requirements and data modules**
- **Hundreds of policy manuals, studies, plans, photographs, documents, and directives**

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Thank You

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