



iNEMI[®]

International Electronics Manufacturing Initiative

Introduction

iNEMI Project Development Process

Jim McElroy

Advancing manufacturing technology

Meeting Logistics

Biltmore Inn and Suites
Santa Fe Room
2151 Laurelwood Road
Santa Clara, CA 95054

North America

1-888.839.0965 or 1-617.597.4110

Taiwan

00 801 14 8745 (toll-free)

Japan

033 570 8283 (local)

Singapore

6823 2165 (local)

Northern China (Beijing, Tianjin, etc.)

10 800 720 1947 or 10 800 713 0972 (toll-free)

Southern China (Shanghai, Shenzhen, etc.)

10 800 120 1947 or 10 800 713 0973 (toll-free)

South Korea

00308131685

Click to find more [Global Access Numbers](#)

Passcode:

41138840 for Main meeting and PCB Team Meeting

90466254 for Signal Integrity Team Meeting

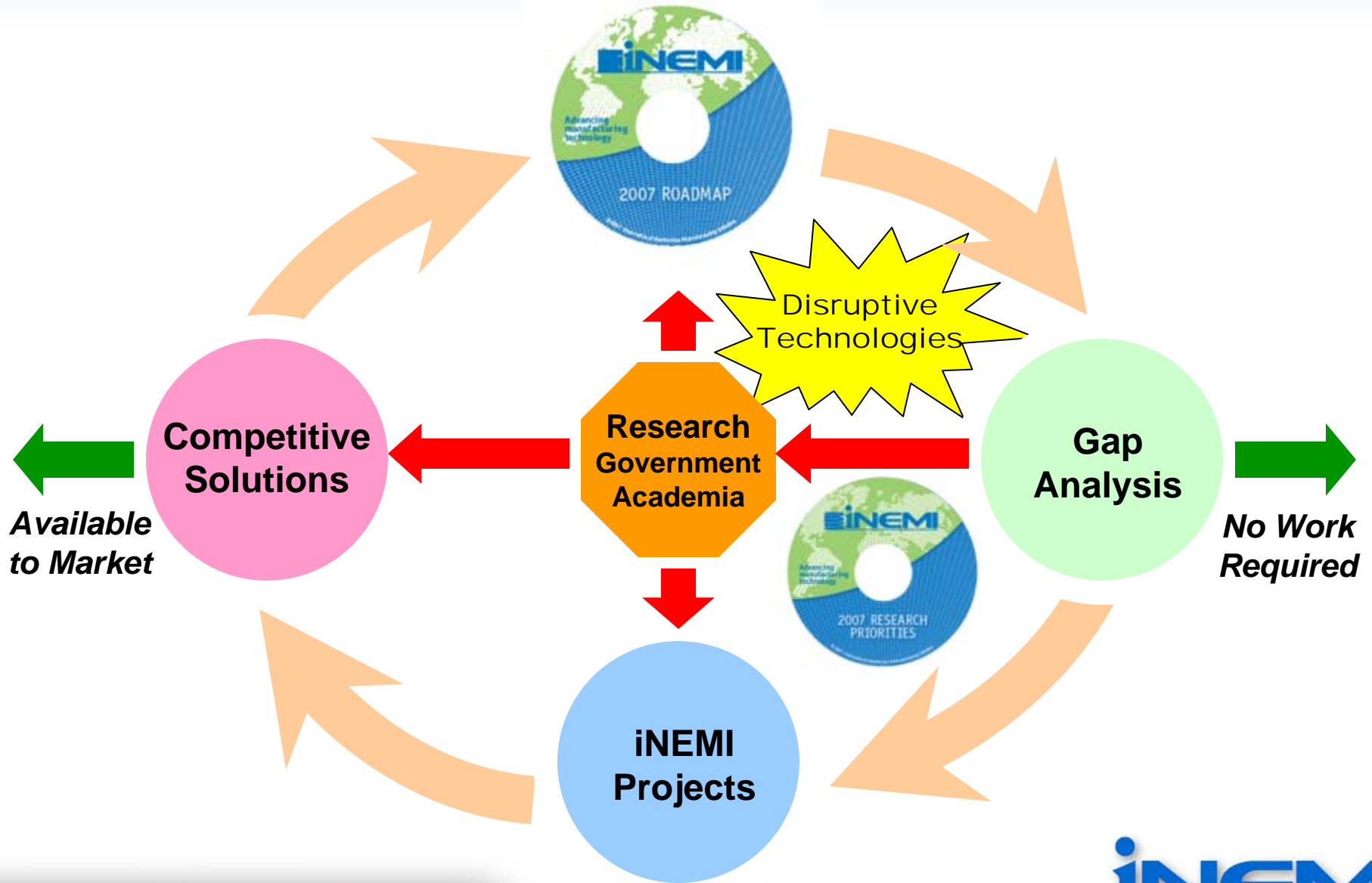


iNEMI Project Management

- **Methodology**
- **Project Management - iNEMI Role**
- **The Project Process:**
 - 1. Selection**
 - 2. Definition**
 - 3. Planning**
 - 4. Execution**
 - 5. Closure**
- **Project Documents**



iNEMI Methodology



Background

- **iNEMI organizes and facilitates projects**
- **Members define and execute projects**
- **Projects are aligned to the iNEMI roadmap**
- **Topics chosen have generated significant member interest**
- **iNEMI projects are typically in 3 categories**
 - **Research**
 - **Optimization**
 - **Specification**



iNEMI Program and Project Management Role

- **Act as a catalyst in the identification and execution of viable programs and associated projects that fill technology gaps and contribute to progress throughout the industry**
- **Specifically, iNEMI is committed to:**
 - **Guiding the identification of programs to address industry needs**
 - **Coordinating the process of defining projects that fit into those programs**
 - **Facilitating program and project management**
 - **Providing training for program and project managers**
 - **Assisting in solving problems that occur during project execution**
 - **Engaging members to assume the duties of program and project management**
 - **Ensuring that members have committed to support projects with all necessary resources**



Project Leaders

- **Manage the specific projects approved by the Technology Integration Groups (TIGs) and**
- **Report progress to the TIG Program Management Chairs**
- **Responsible for generating the required documents for the project**
 - **Statement of Work**
 - **Project Statement**



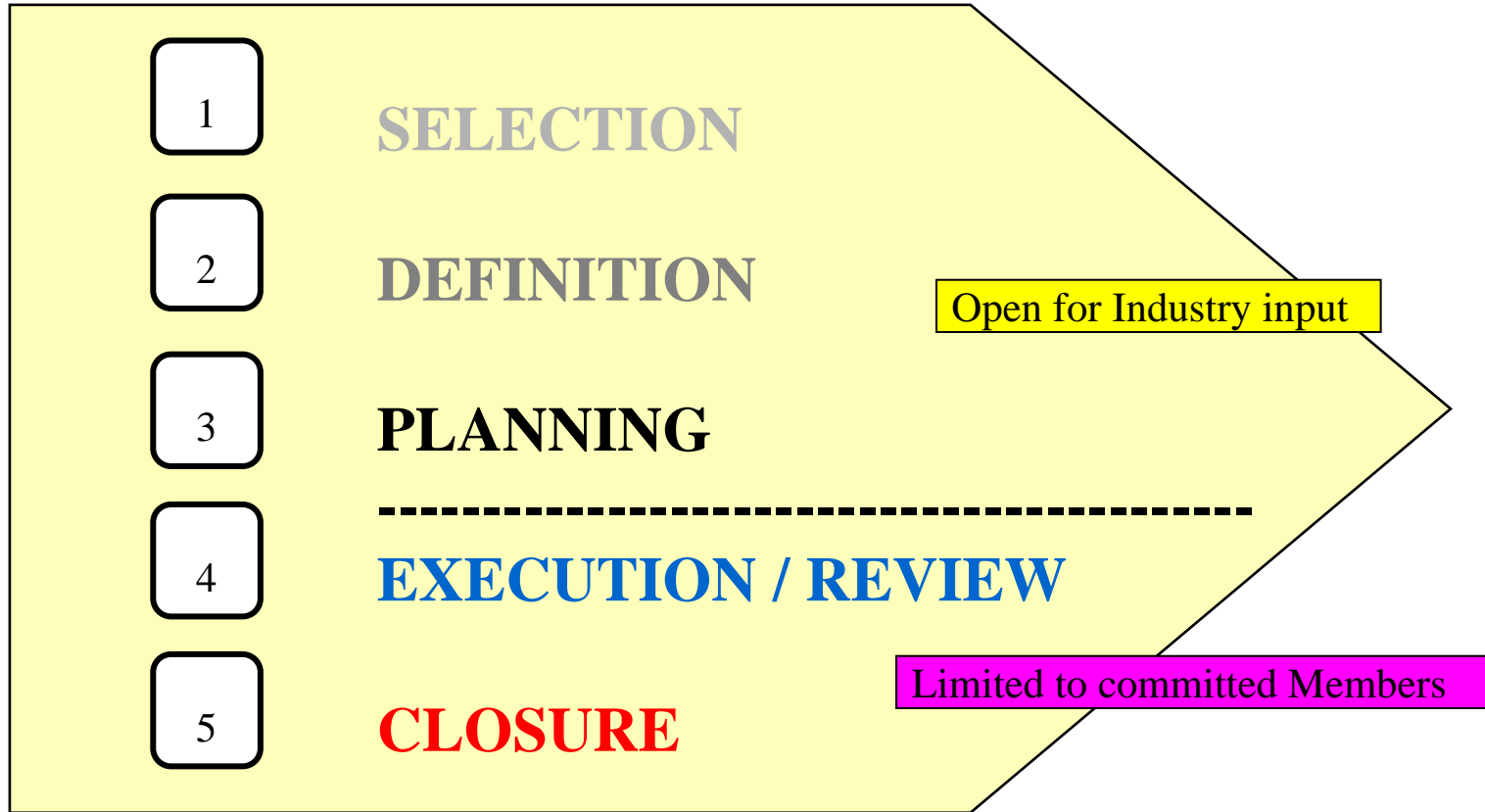
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The Project Process

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The Project Process - 5 Steps



iNEMI Statement of Work – Basic Information

- **Scope of Work – definition of what is to be done**
 - Expected deliverables
 - Major project goals; does the project seed a global solution or is the purpose of the project to contribute one part of a solution to a complex problem?
 - If the project is complex, it should be divided into phases and a description of what comprises each phase should be provided
- **Purpose of Project**
 - Explanation of how the project addresses an industry need and how the project is aligned to the roadmap and technical plan
 - Discuss the approach to design of experiments that the project will use to ensure reliability, accuracy, and statistical significance of results (**Research Projects**)
 - List all standards bodies considered for the project, explain how each was evaluated and justify the final choice of organization(s) (**Specification Projects**)

NOTE: All changes to SOW must be approved by the TC (version control)



iNEMI Project Statement (PS)

The Project Statement (PS) is the official document, signed by each participant's senior management, committing the company to the agreed upon resource and time contributions. Without the PS, the project could flounder due to lack of participation or confusion as to where the project resources are coming from.



www.inemi.org

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