



Project Controls
E X P O

Project Controls Expo
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An introduction to project controls



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About the Speaker

This event will be delivered by Melanie Franklin, Founder and Chief Executive of Maven Training, the influential consultancy and learning provider.

A keen practitioner she undertakes strategic consultancy assignments including implementing portfolio management techniques, building methodologies for project and change management, introducing maturity and assessment services and setting up skills and competence frameworks for Maven's clients.

Melanie is passionate about helping organisations to build their own capability in portfolio, programme, project and change management; she is a regular keynote speaker at conferences and has written a number of books on related topics.

WHAT DOES PROJECT CONTROLS MEAN TO YOU?

Control: Definition

- A management function aimed at achieving defined goals within an established timetable, and usually understood to have three components:
 1. Setting standards
 2. Measuring actual performance
 3. Taking corrective action

Businessdictionary.com

- Control consists of verifying whether everything occurs in conformity with the plan adopted, the instructions issued, and principles established. Its object is to point out weaknesses and errors in order to rectify them and prevent recurrence

Henri Fayol –General and Industrial Management (1949)

- Project Controls encompass the people, processes and tools used to plan, manage and mitigate cost and schedule issues and any risk events that may impact a project.

Project Controls Online

Control: Meaning

- You know where you are
- You know how you got here
- You know where you have been
- You know where you are going
- You know how far you have to go
- You know what actions you took and why
- You know what actions you rejected and why

- This knowledge is used to predict what should happen next
- This knowledge must be used in the context of your commercial environment

Project Controls: Scope

Planning, Scheduling & Project Reporting

- Scope management
- Project deliverables:
- Work breakdown / Cost breakdown structures
- Schedule management
- Schedule forecasting
- Corrective action
- Progress measurement / reporting
- Productivity Analysis & Calculation

Earned Value Analysis & Management

Cost Engineering & Estimating

- Estimating
- Cost management
- Cost control
- Cost forecasting

Change Management & Controls

- Change order control
- Trend Analysis

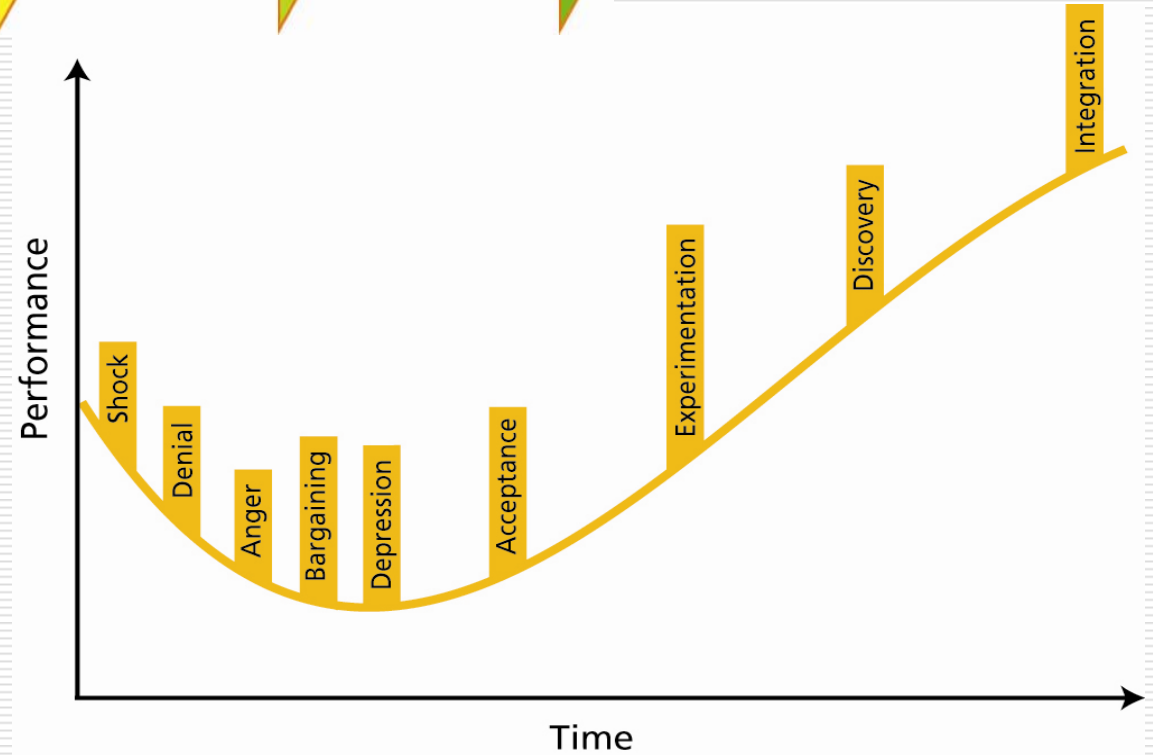
Risk and Delay Claims

- Risk Assessment & management;
- Delay Claims Quantification
- Forensic Schedule Analysis

Controls information: Context



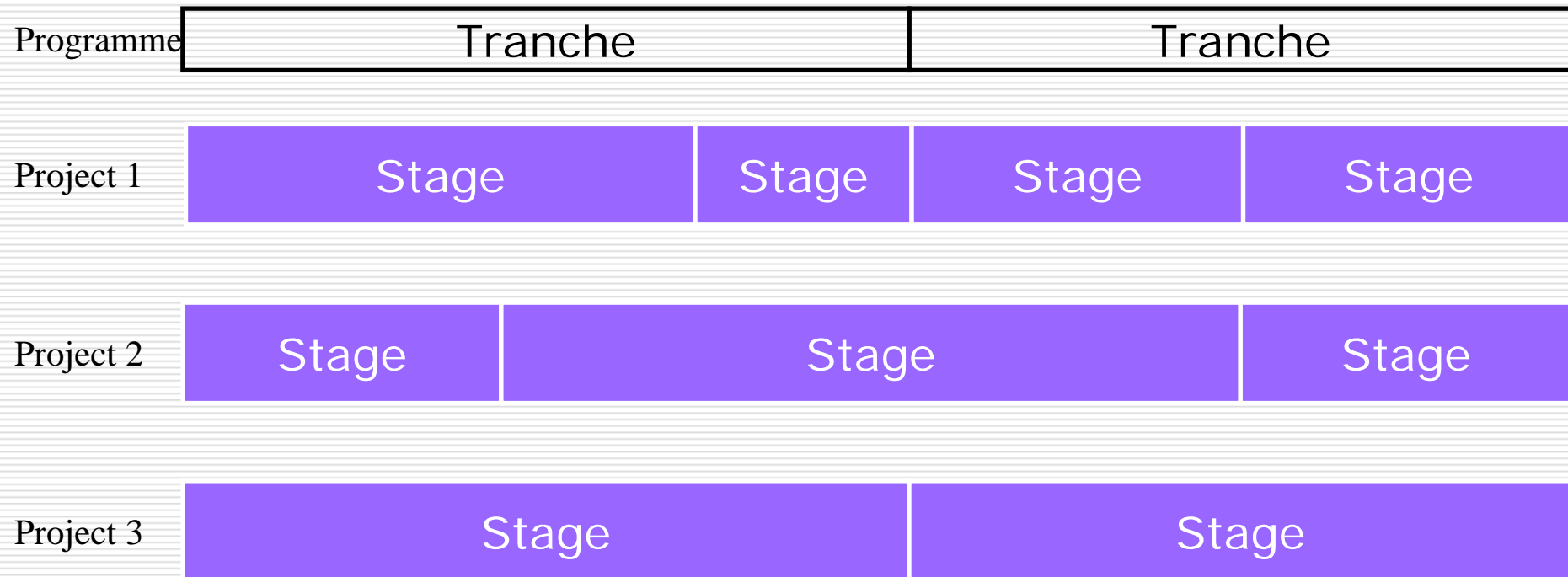
Project information drives change



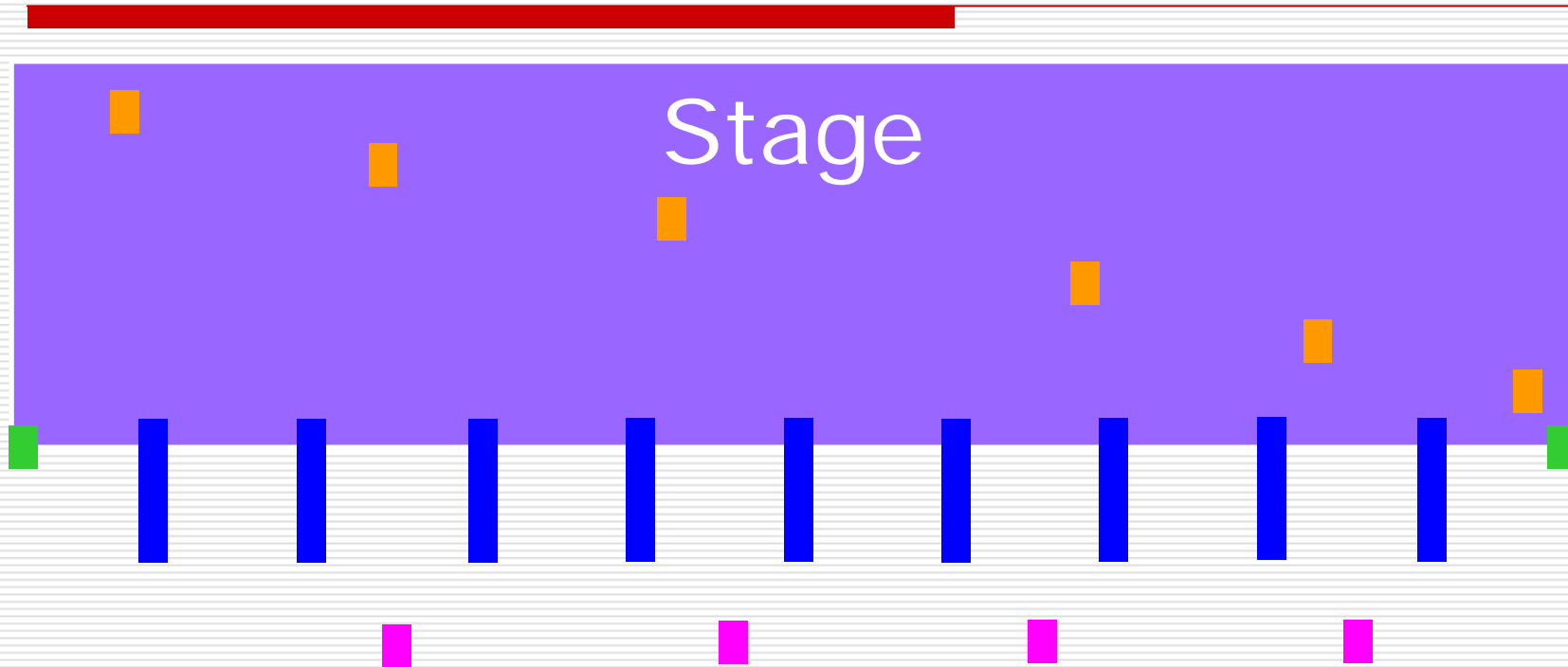
Controls information: Perspective

- Ensure the project manager can:
 - Deliver on time
 - Deliver on budget
 - Deliver to the agreed scope
 - Deliver to the agreed level of quality
 - Efficiently deploy resources
- Ensure project sponsor can
 - Realise benefits
- Ensure Programme manager/Programme office can
 - Identify and manage interdependencies across multiple projects
- Ensure Portfolio Office can
 - Monitor and report on the progress towards achieving strategic objectives

Controls mechanism

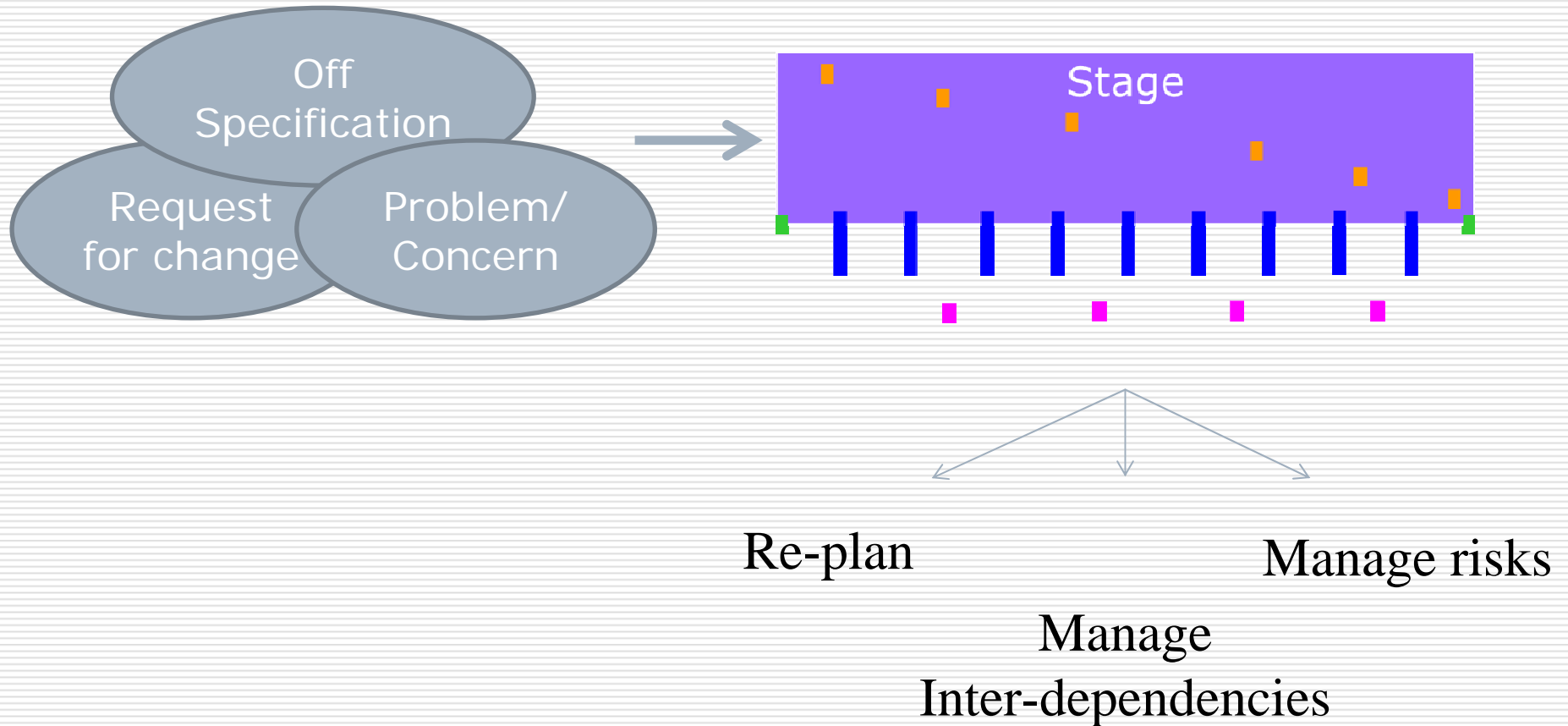


Controls mechanism



■ Initiate/Close decisions ■ Review ■ Report ■ Milestones

Impact of issues and changes



Example: Recent Blackberry Failure

- When disaster strikes effective project controls mean you can remain the calmest person in the room

- Your ability to define the situation and provide information can defuse tension and build an effective crisis team

- Support stakeholders with:
 - Immediate information:
 - Current situation
 - Impact on customers
 - Contextual information:
 - Timeline of action to this point
 - Who is involved