

Principles of Project Management

Module 4 Project Implementation



Project Implementation



- Implementation Plan Approval
 - Work Breakdown
 - Project Plan (Gantt Chart)
 - Milestone Plan
 - Cost Plan
- PjM responsible for progressing project **in line with plan(s)**
- Project Reviews
- Corrective Measures

Plan vs Actual [Soil-|st]



- Progress Review
- WP as basis
- Dates, Effort and Costs
- Review data used to update projects plans
- Especially Critical Path
- Corrective measures (need planning)

WP Analysis

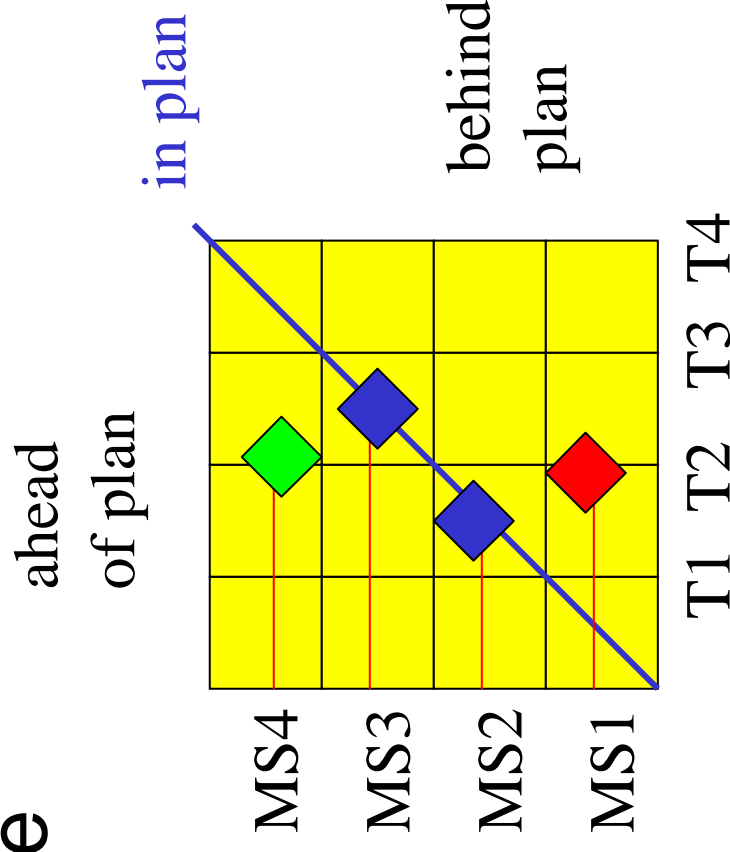


Plan	Actual	Status	Info re
Plan	Actual	Better /	Competition
Start/End	Start/End	Worse	Date
Plan	Actual	Better /	Remaining
Effort	Effort (+)	Worse	Effort
Plan	Actual	Better /	Outstanding
Costs	Costs (+)	Worse	Costs

Trend Analysis



- Technique to visualise progress
- Each review, each milestone
 - In plan
 - Behind plan
 - Ahead of plan



Corrective Measures I



- Shorten WP duration
 - More resources
 - Impose overtime
 - Sub-contract parts of or complete WP
- Change sequences
 - Overlapping
 - Parallel working
 - Change time lags, dependencies

Corrective Measures II



- Change Dates
 - Move milestones
 - Move completion dates
 - **Needs client approval**
- Improve efficiency
 - Train team
 - Hire external people
- **Manage Expectations**

Progress Reports



- Informs client of status, progress, problems
- Reasons
 - periodic (monthly, weekly)
 - extraordinary - cost/time overruns
 - milestone related

Report Contents



- Project Traffic Light
 - Progress in period
 - Plan/Actual Dates
 - Plan/Actual Costs
 - Quality
 - Divergencies
 - Problems
 - Corrective Measures
 - Effects on goals
- Problem Reports
 - Problem Description
 - Possible effects
 - Corrective options
 - Recommended action

Contact Information



Colm Toolan, Business Architect

Isarweg 35

24146 Kiel

Colm(full stop)toolan(funny symbol)toolan(full stop)de

T: +49 431 7859 - 737 F: -738

M: +49 171 6450 998