

Practical Software and Systems Measurement

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A foundation for objective project management



**Executability Measures
July 28, 2010**

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*PSM Users Group Conference
26-30 July 2010
New Orleans, LA*

PSM 1

July 2010

Practical Software and Systems Measurement

Executability Measures Workshop

- **Introductions**
- **Interactive and participatory**
- **Prioritize work in order to provide utility soonest**
- **Continue work after workshop if necessary**

PSM 2

July 2010

Objectives of the Workshop

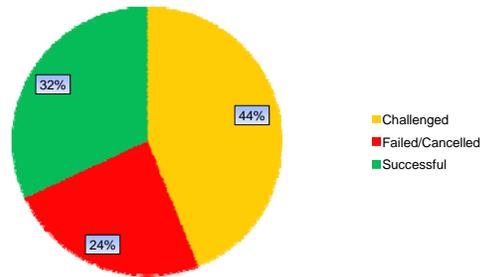
- **Provide guidance on measuring project executability.**
 - **Can the project be completed with the planned resources (budget, cost, staff) and meet expectations?**
 - **Should the enterprise give Project A's resources to another project?**
- **Update ICM table for measures which have contributed to executability insight.**

Workshop Format

- **Agenda – break is scheduled at 3:00 PM**
- **Techniques that will be used:**
 - **Identify Information Needs (prioritize if necessary)**
 - **Map to categories and measures in the ICM table**
 - **Develop indicators**
 - **Document measurement and indicator definitions**

Executability Workshop

Project Outcome



- *From the 2009 CHAOS Report by the Standish Group*
- *“This year’s results represent the highest failure rate in over a decade”*

Workshop Background (con’t)

- **Other Future Plans in the field**
 - **Smaller increments reduce down-side risk (also see Boehm’s work on ICM – Incremental Commitment Model)**
 - **Pushing PDR into Phase A – Mature design before down-select**
- **Today’s workshop will focus on today’s issues**

Intended Output

- ***Updates to the ICM table***
- ***Descriptions of measures and indicators***
- ***Documented implementation guidance***
- ***Plans for completing additional Measurement Specifications***