## BASIC COCOMO

**E =** Effort. **D =** Deployment time. **SS =** Staff size. **P =** Productivity.

**E** **= a**×**(KLOC)b.**

**D = c**×**(E)d.**

**SS = E/D.**

**P = KLOC/E.**

**a, b, c, d = coefficient.**

**ORGANIC MODE**

**KLOC = 30**

**a = 2.4, b = 1.05, c = 2.5, d = 0.38**

**E** = 2.4 × (30)1.05 = 85.3PM

**D** = 2.5 × (85.3)0.38 = 13.54M

**SS** = 85.3 ÷ 13.54 = 6.3 persons

**P** = 30 ÷ 85.3 = 0.352 KLOC/PM