



Today's Industry Challenges •Poor communication & information transfer ? •Inadequate coordination •Insufficient project team integration Due to: •Dispersed nature of the industry •Data exchange largely undertaken on paper Increased competitiveness/globalisation •Increased client expectations and ? 2 needs Increased role of suppliers implementation & application of innovative in & communication technology (ICT) solutions a seen by many as a potential solution." •Reduced project time cycle. infor •Changes in skilled workforce.





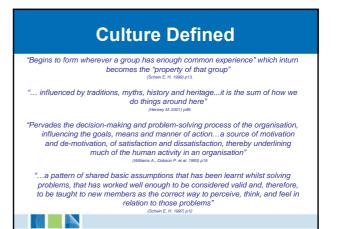






TECHNOLOGICALLY RESISTINE "BLINDED" BY "DOING THINGS' THE WAY IT ALWAYS HAS



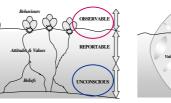


Culture Defined

"...a set of values, attitudes, beliefs, meanings and assumptions that are shared by members of a group"

(Williams A., Dobson P. et al. 1993; Duarte D. L. and Snyder N. T. 2001)

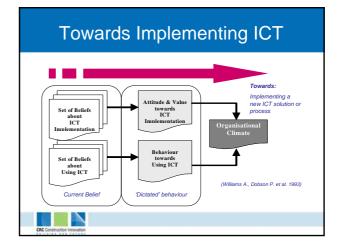
The 'Lilly Pond' and 'lceberg' of Culture

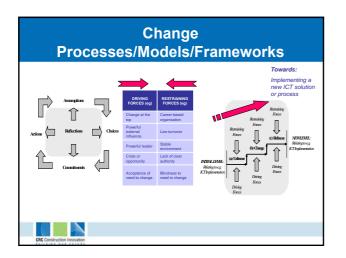




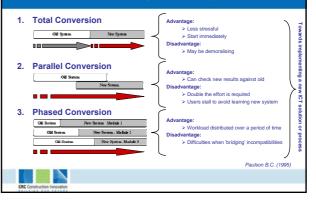
WHAT WI OBSERV#







Implementing Change (ICT)



Technological Barriers ICT is more a cost factor rather than a value generator. ICT is bad business and equally noncontributing to replace old. Difficulty in secure & integrated ICT systems. Managers and employees satisfied and very use to the traditional way of doing business. . Insufficient stakeholder drive. • Too busy. The fear of potential embarrassment. (Whyte J. 2002).

Drivers of Change • Motivation • Strong Leadership • Training & Education



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24 Culture Change Principles

...an introduction to exposing the underlying need to transform the AEC industry's deeply embedded culture and resistive nature to technologically driven change...

... provide a 'preliminary guide' on how to adopt a more technology and culture driven change 'philosophy'



