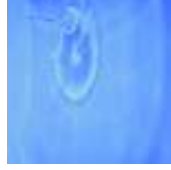
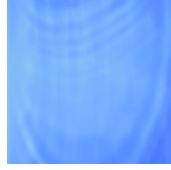
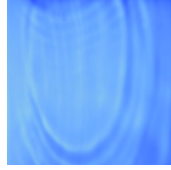
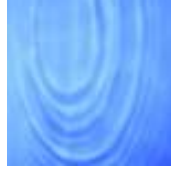
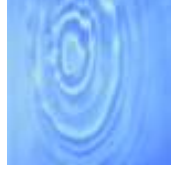
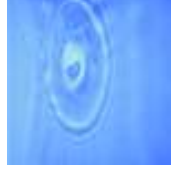




Shell Global Solutions

start



Capital Cost Estimating and ISO 15926 Part 4

Presentation to NAP/DACE Meeting 17 March 2005

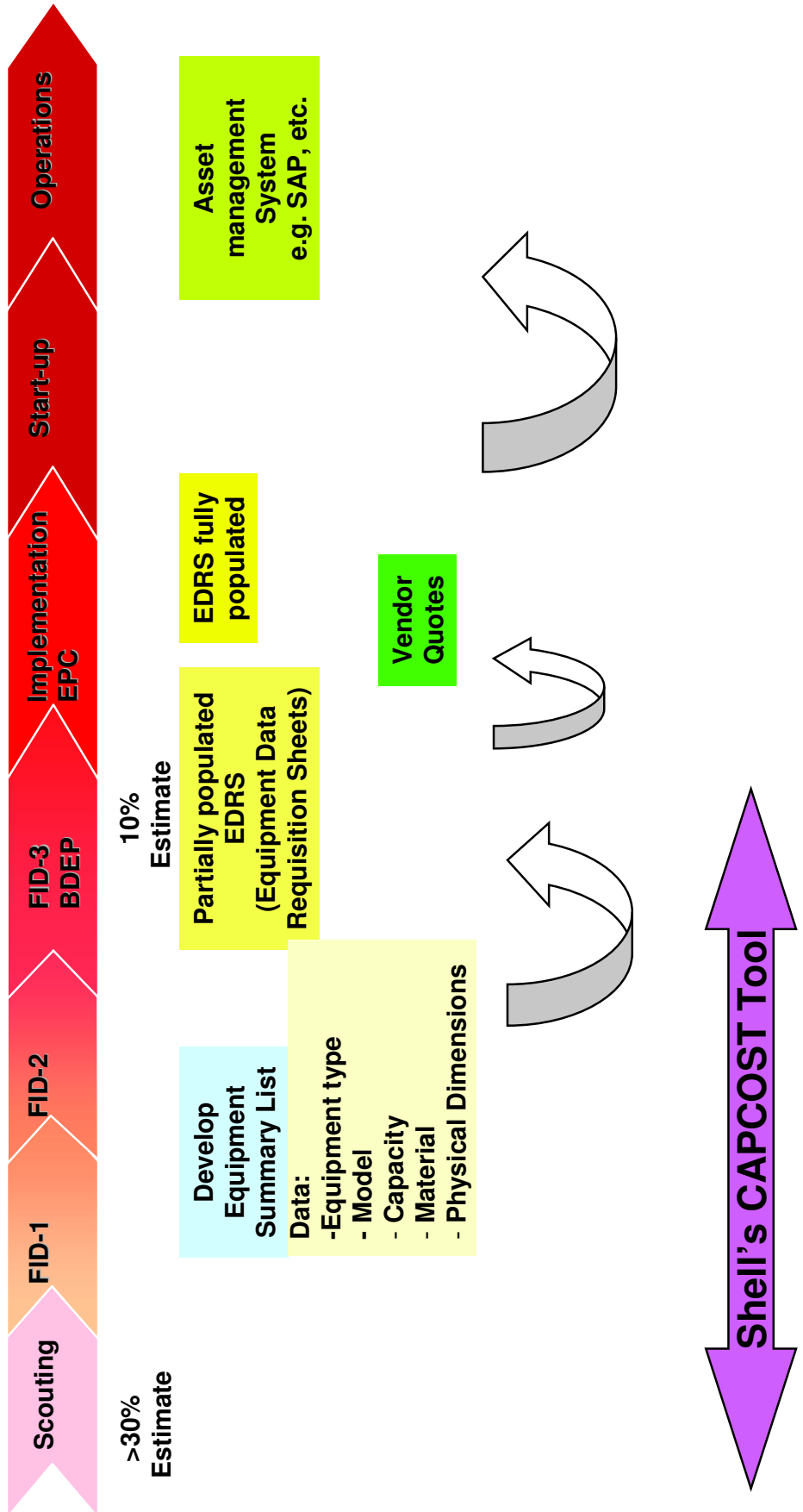
Dalip Sud



- Why is ISO 15926 Part 4 important to you?
- What is ISO 15926 Part 4?
- Wider Supply Chain issues?

Capital Cost Estimating and Information

start



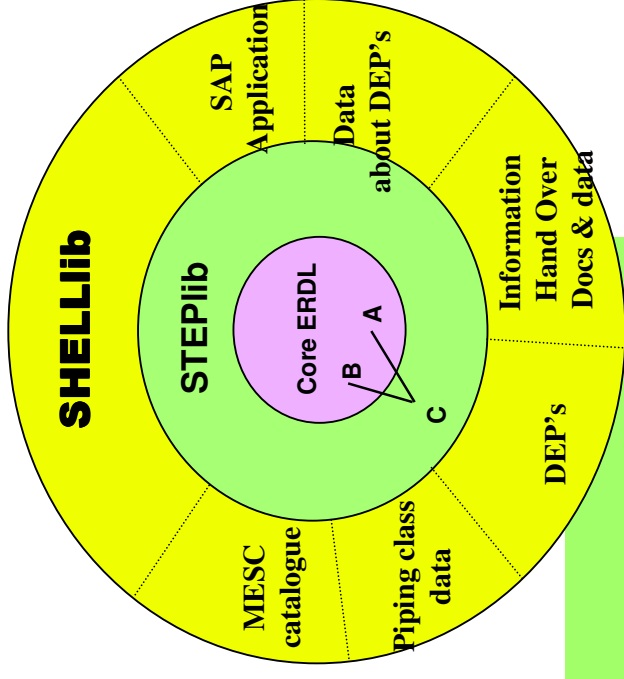
- **CORE LIBRARY (ISO 15926 Part 4)**
 - **Terms**
 - **Definitions**
 - **Classification and specialisation**
 - **Equipment & Properties**

■ **PRODUCT MODEL LIBRARY**

- **Product models e.g. connecting equipment and properties**

■ **COMPANY APPLICATIONS LIBRARY**

- **Handover, SAP, MESC, Piping, DEP's**

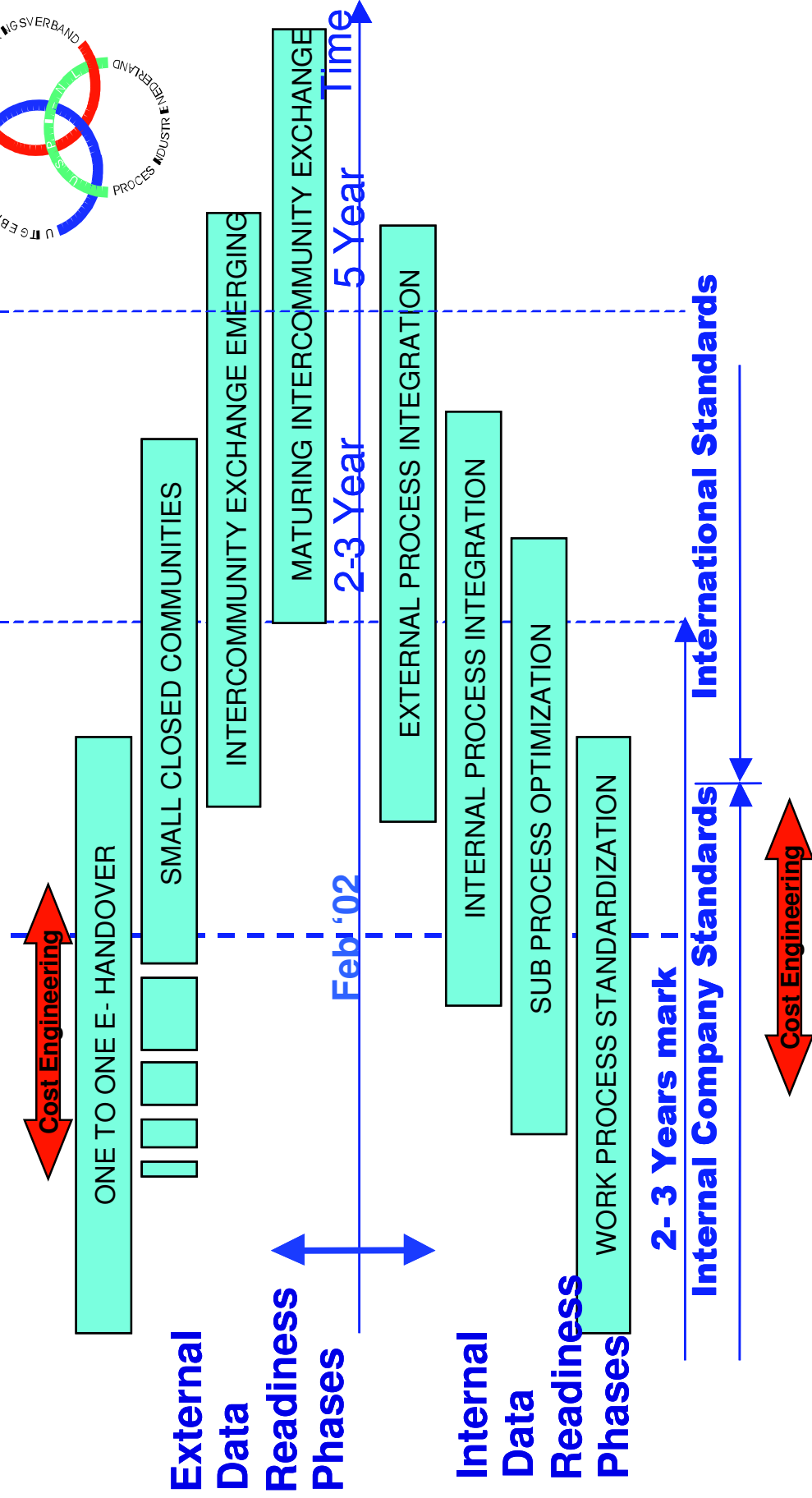
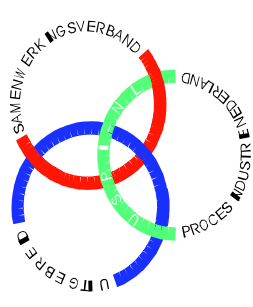




	ERDL estimate	15926-4 5-11-2004 estimate	Final estimate	
Physical objects	8876	5144	17470	Piping, vessels, pumps
Properties	1785	1780	2000	Pressure
Documents	268		1000	Doc types
Activities	3215	1906	5100	To distill
Other	4444	2304	14390	Materials, UOM, Information, Math objects
Total	18588	11134	39960	Total Core
Other	14296		14296	Roles, synonymes, other relations
TOTAL	32884	11134	54256	Total mentioned earlier

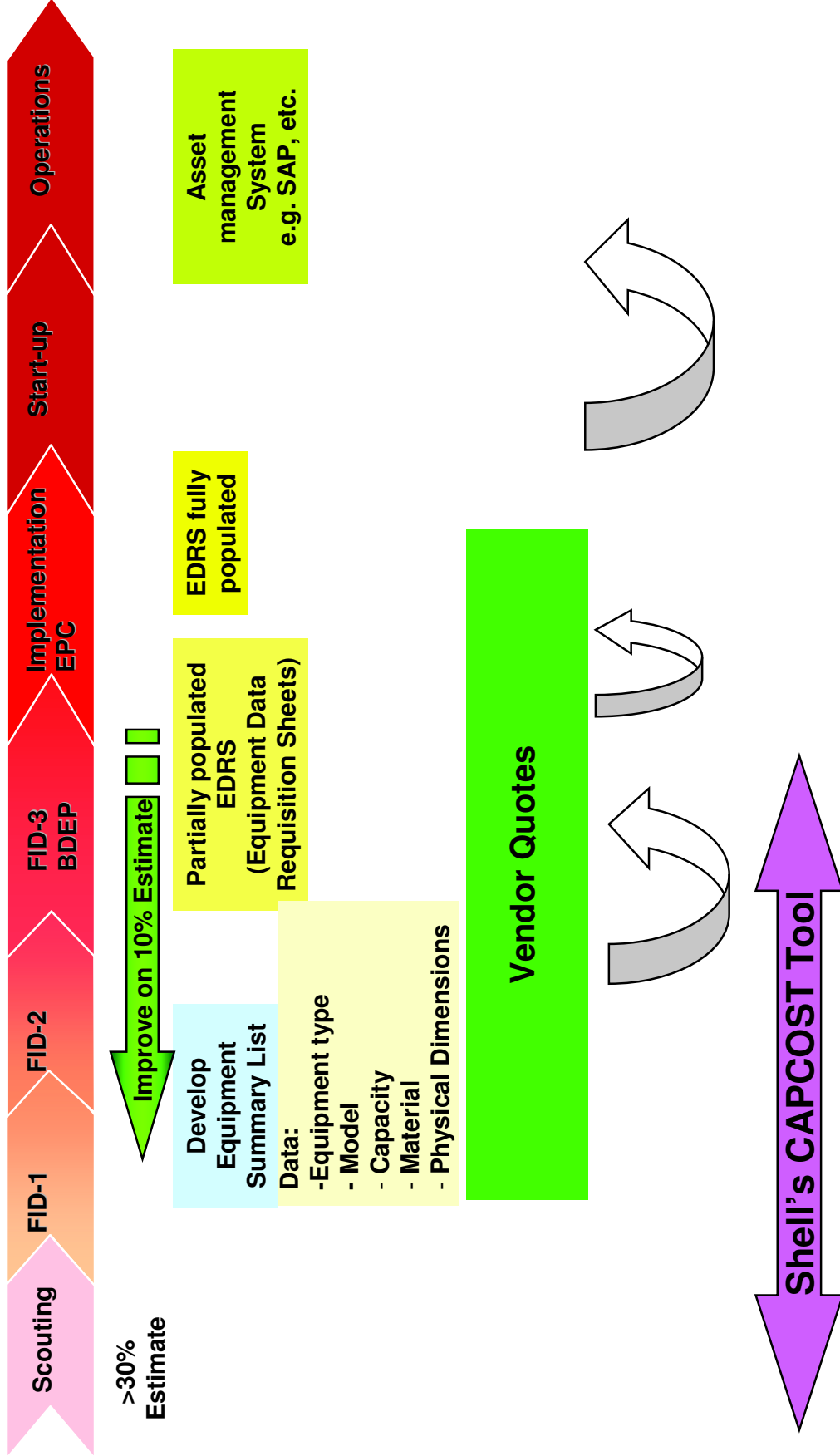
USPI-NL Data Readiness Framework

start



Capital Cost Estimating with ISO 15926-4

start



- Bottom-up cost estimating based on actual vendor pricing
 - Exploit geographical differences and exchange rates of the day!
- Reduce the data-entry hours of current cost estimating by ~80 %
- Reducing the time to create estimates
- Reduce human errors

- How far is Part 4 common definition concept applicable to cost estimating?
- Develop strategies that accommodate the standard
- Can this lead to closer collaboration across the supply chain?
- Consider the potential for dis-intermediation!!!

Develop pilot projects, possibly supported by EZ