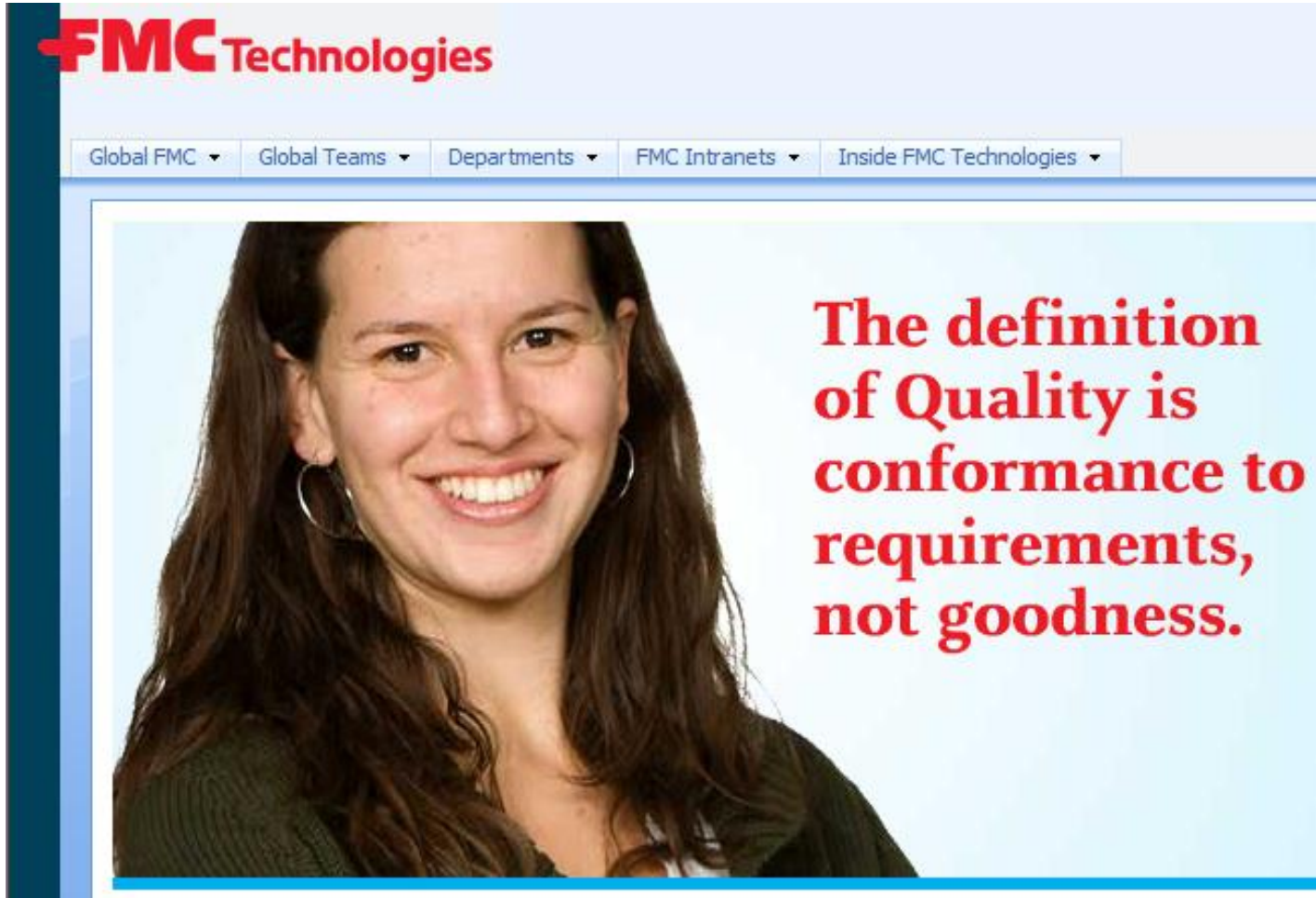


Management Of Requirements At FMC

June 1st 2010

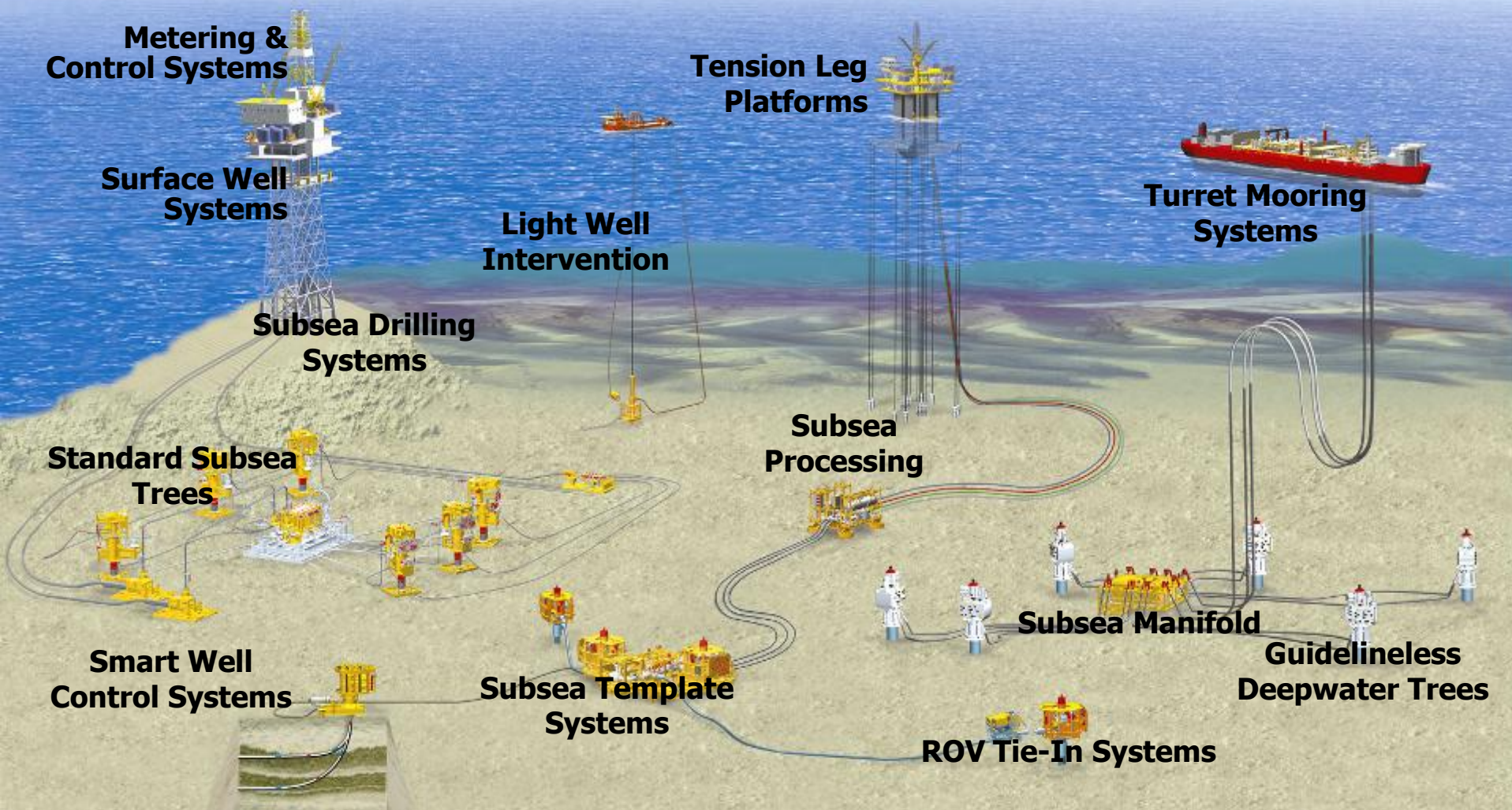
Barbara W. Eiken

Quality Definition (Philip B. Crosby)

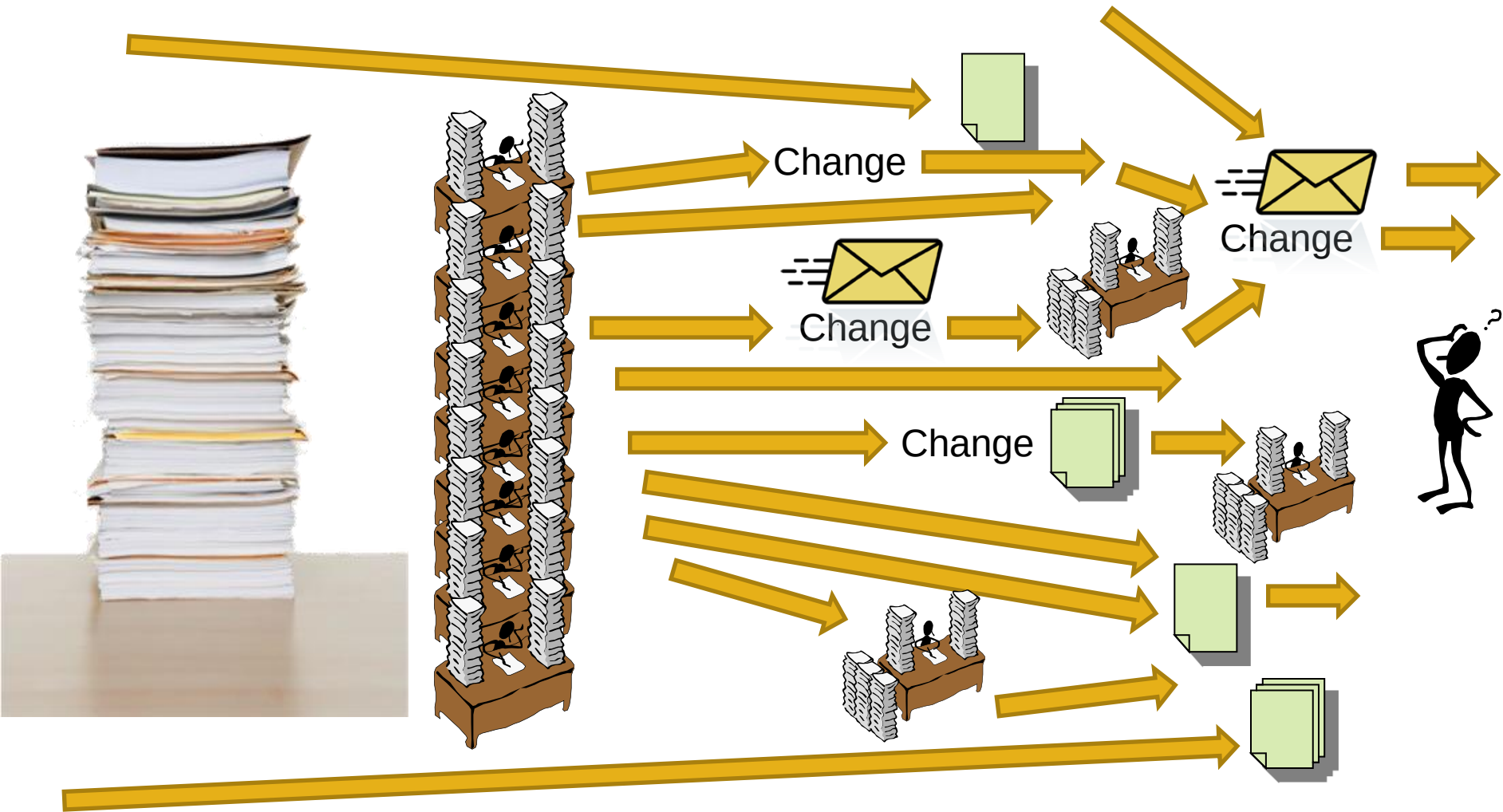


The screenshot shows the FMC Technologies website header with the logo and navigation tabs: Global FMC, Global Teams, Departments, FMC Intranets, and Inside FMC Technologies. Below the header is a large banner featuring a portrait of a smiling woman with long dark hair. To the right of the portrait, the text reads: **The definition of Quality is conformance to requirements, not goodness.**

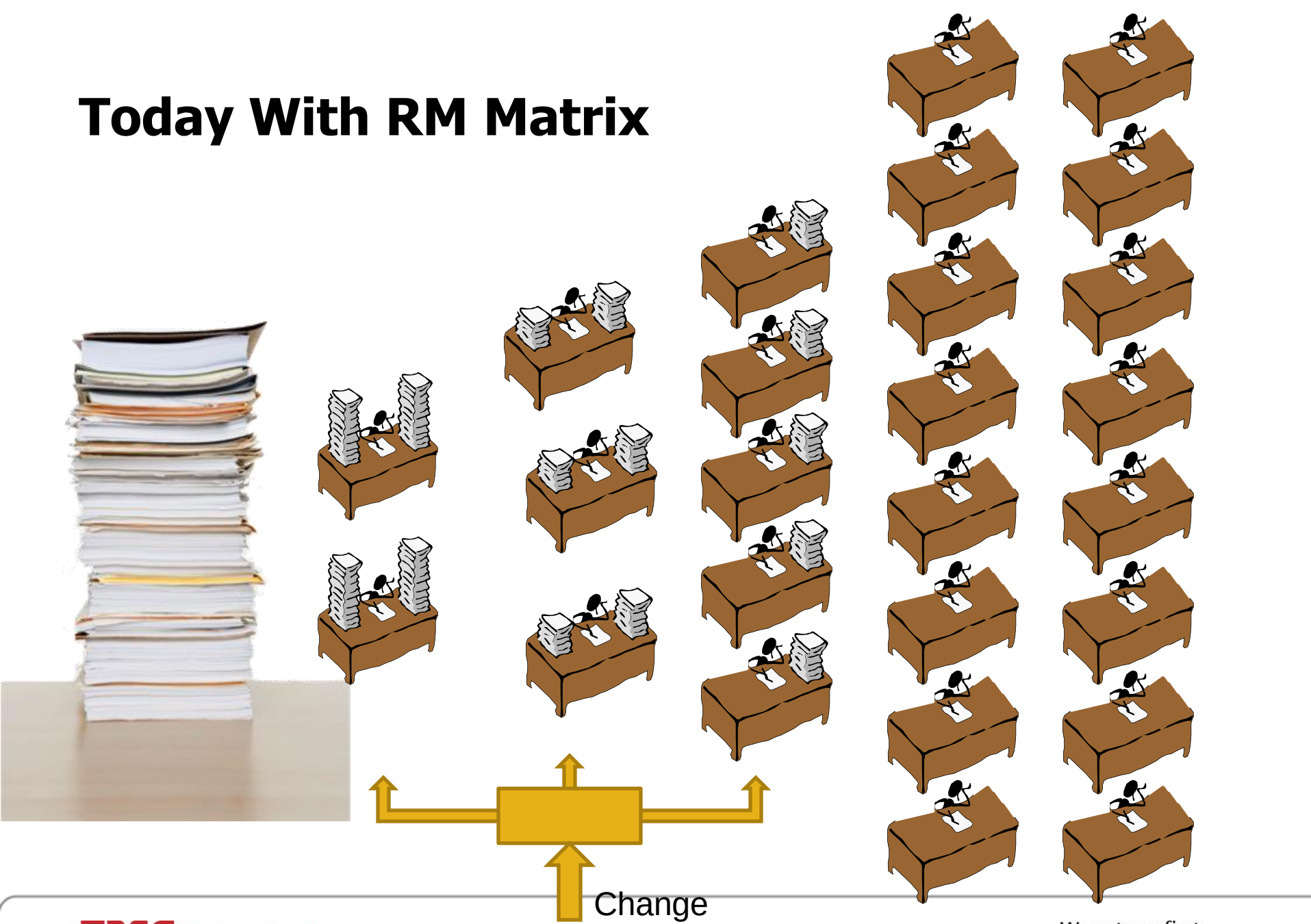
Product range

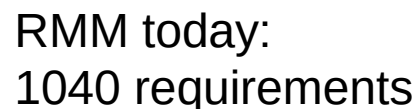


Yesterday



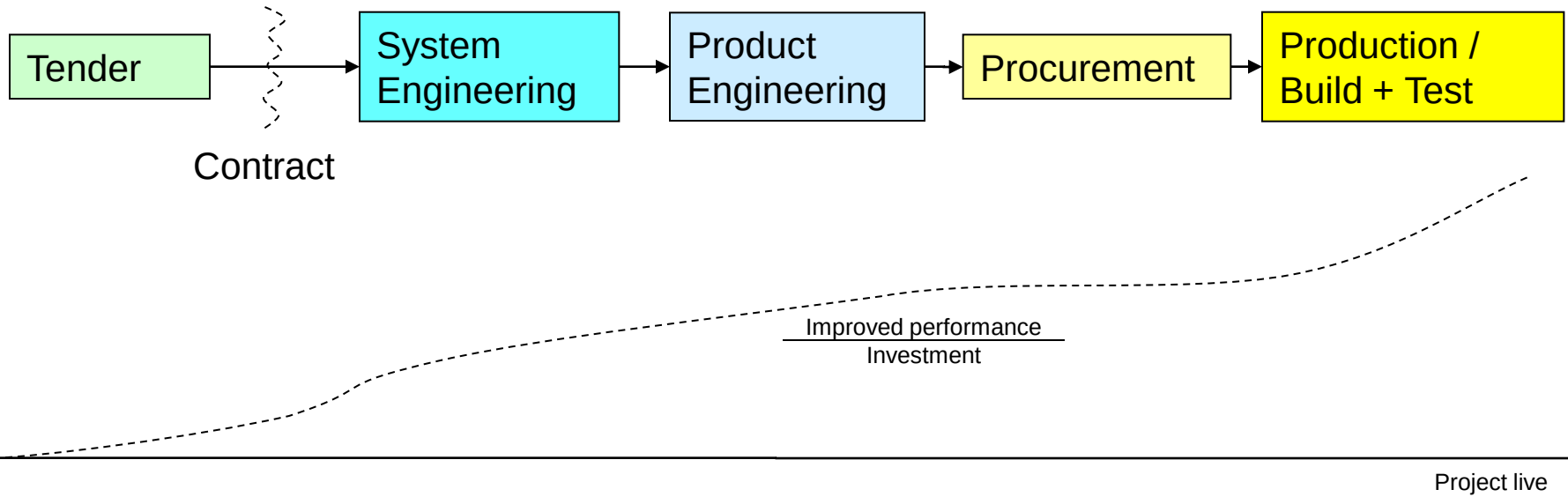
Today With RM Matrix





We put you first.
And keep you ahead.

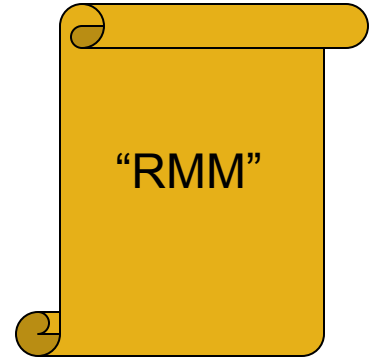
RM Matrix: Implementation Challenges



- Investments have to be made early, gains of improved performance are gathered later in the project life cycle
- Business Processes have to be updated

RMM + Function Tree

	Parameter	Requirement	Assumptions
R_{system}	Service Life	5 years	
	Water depth	500 m	
	...	?	Rig XX
$R_{\text{sub-system}}$	...	...	
	Total Weight	Max 40 Te	
	...	...	
$R_{\text{product family}}$	BOP System data	?	BOP XX
	...	...	
	...	?	...
R_{Product}	...	...	
	Umbilical bending radius	...	
	...	...	
	...	...	



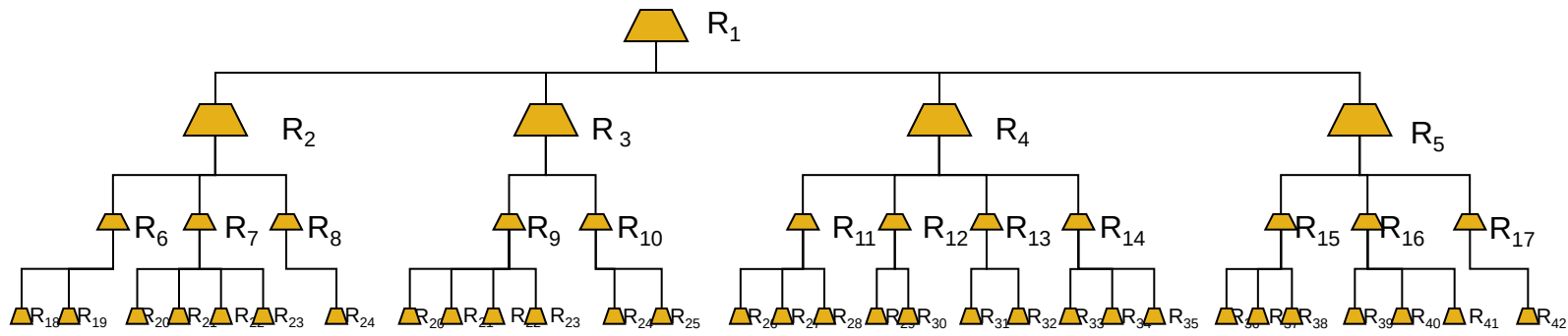
R_x : Set of requirements defining the function of the corresponding system / product level

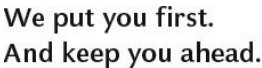
System Requirements

Sub-System Requirements

Product Family Requirements

Product Requirements





```

graph LR
    A[Requirements independent of customer/FMC] --> B[Standard parts]
    C[Only few parameters are different] --> D[Master parts]
    C --> E[Split functions]
  
```

Requirements independent of customer/FMC → **Standard parts**

Only few parameters are different → **Master parts**
Split functions