



Smarter Energy

Transforming the Energy and Utilities industry with
Systems Engineering and Smarter Asset Mgt.

Energy and Utilities Industry perspective
from Rational & Stirling Consultancy

Innovate2013

The IBM Technical Summit



The world's electricity network will change more in the next 20 years than it has in the last 100.

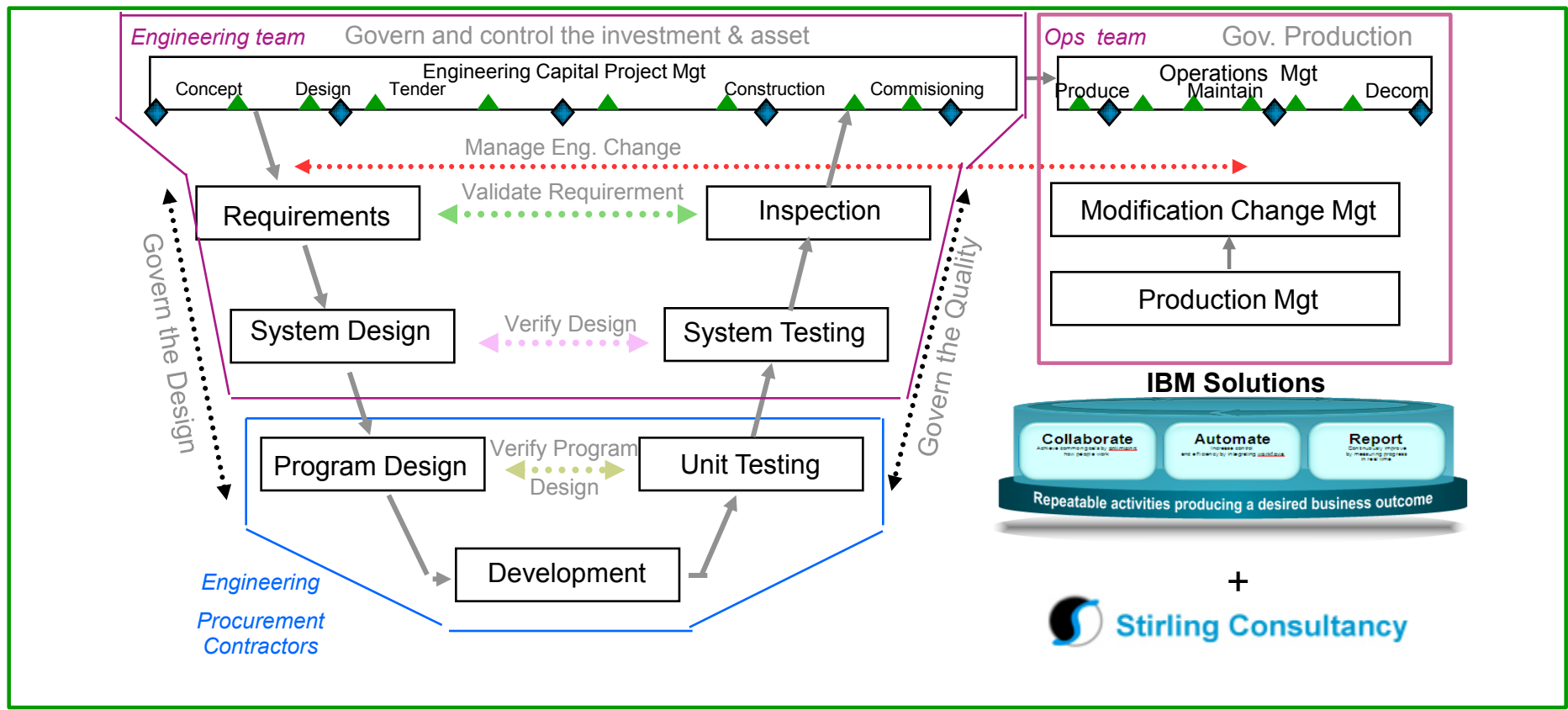
The decisions made in the next five years will determine whether the transition is considered a success.

The amount of engineering asset data and the collaboration between stakeholders will need to be managed and executed in a much more superior way



THE BUSINESS

Complex Systems



Summarise

Systems Engineering methods and data control is critical in building the virtual plant, optimizing handover and managing the plant information throughout its lifecycle



- *Mitigate project risk (on-time, on-budget) through effective Systems Engineering*
- *Enable 'continuous' information and data sharing considering respective requirements from various stakeholders.*
- *Break down traditional information silos and reduce rework*
- *Reduce risk along the lifecycle by improving configuration, information & knowledge management*
- *Introduce Enterprise Asset Management early in the process*

Questions



Thank You

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