As Is - Today

Cost

Design process (years)

Requirements definition

EIS

Specimen testing

Subcomponent level testing

Component level testing

System level testing

100X

10X

1X

To Be – Goal

Cost

Design process (years)

Requirements definition

EIS

Specimen testing

Manufacturing trials

Subcomponent level testing

Component level testing

System level testing

Physics-based Modeling

100X

10X

1X