



human energy®

Gulf of Mexico Business Unit

Verification and Validation
(V&V)

November 9th, 2017



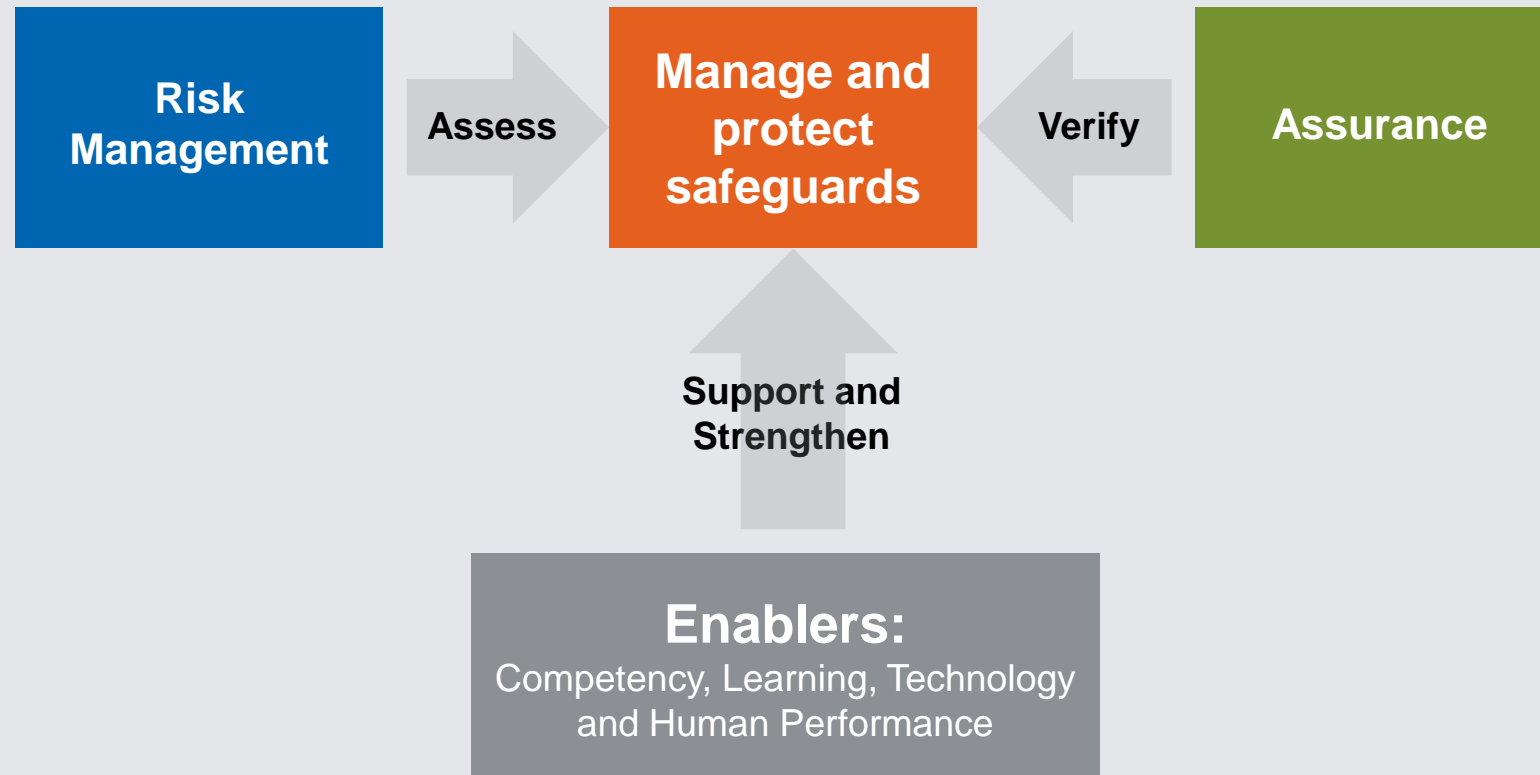
VERIFICATION AND VALIDATION (V&V)

Preventing Serious Incidents and
Fatalities
by moving from **“I think”** to **“I know.”**

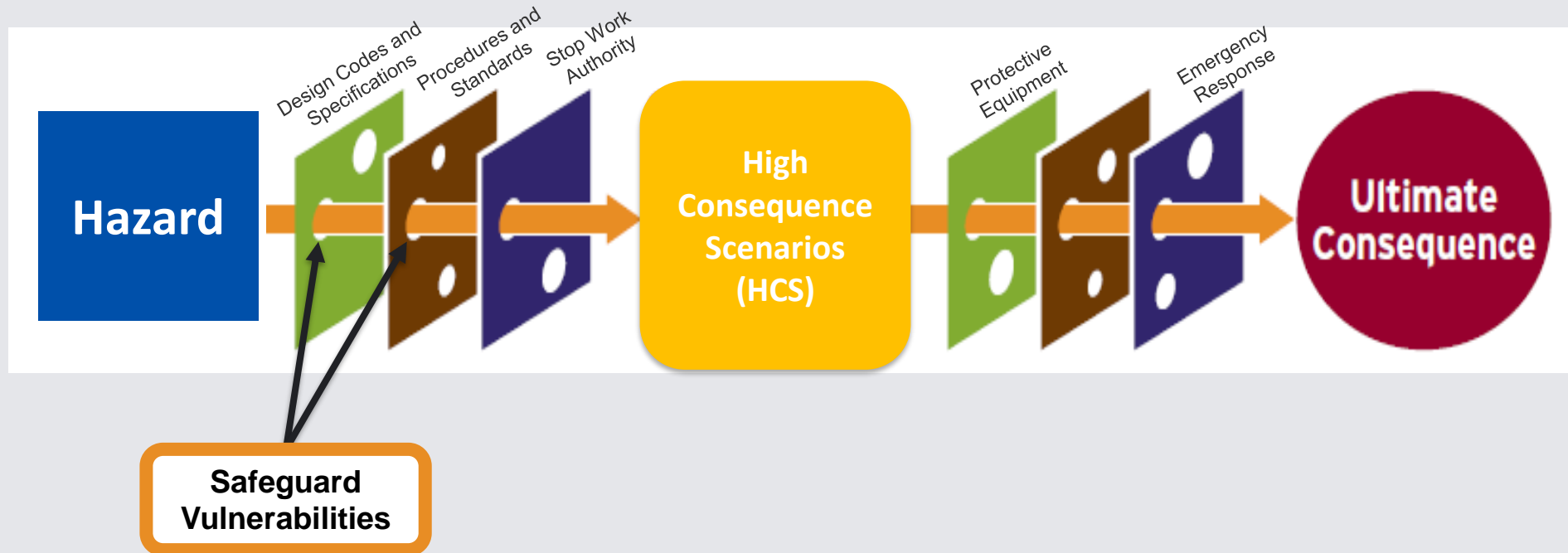
Important tools along this journey are
Verifications and Validations (V&V).



OPERATIONS EXCELLENCE MANAGEMENT SYSTEM



VERIFICATION AND VALIDATION



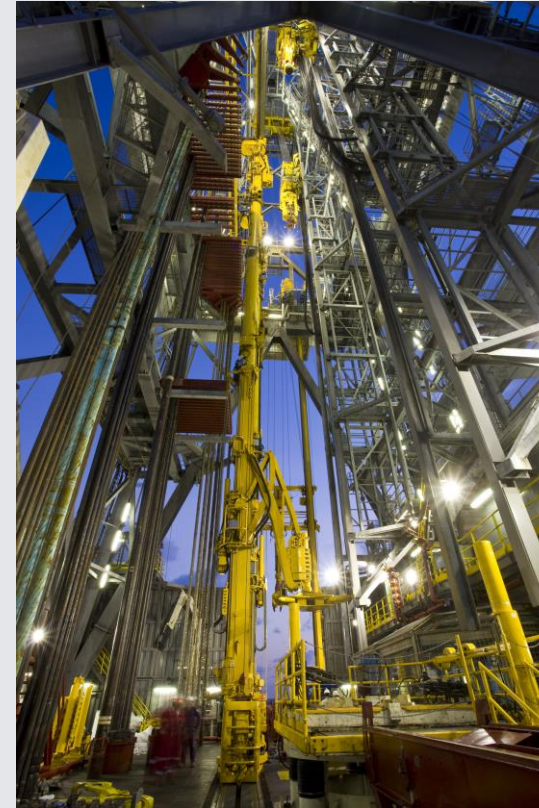
VERIFICATION:

Assures the effectiveness of safeguards.

VALIDATION:

VERIFICATIONS

- Verifications are actions to confirm that safeguards are functioning as expected
- Verifications may be conducted by different levels in the organization
- Types of verifications include:
 - Observations
 - Inspections
 - Audits
 - Record reviews
 - Confirmation that work tasks are complete
 - Operator routine duties
 - Maintenance checks



UNDERSTANDING V&V CONNECTIONS

