

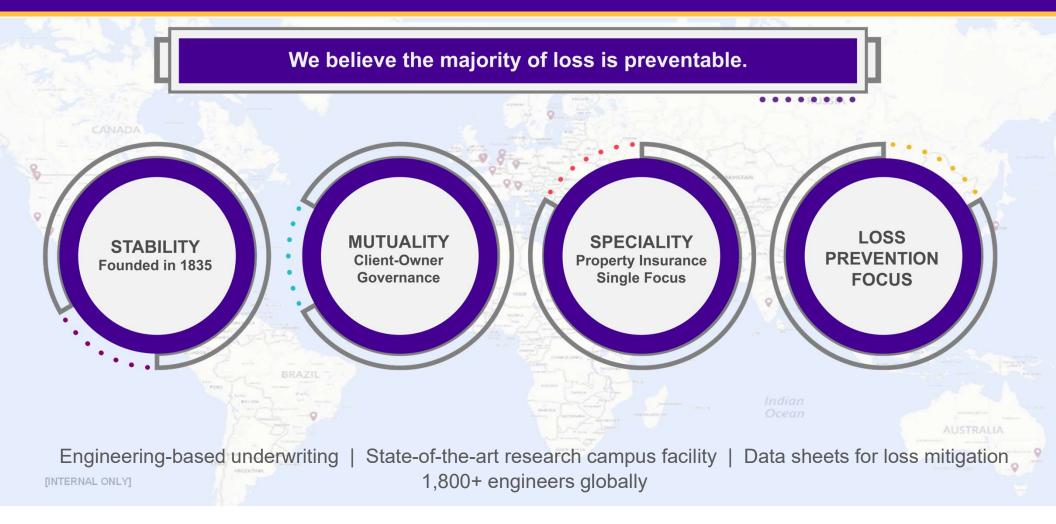
IGTC 2023

Keynote Session 4: *Resiliency Today, Carbon-Neutrality Tomorrow*

Jay Rowan Principal Engineer - Power Generation, Thermal Energy

RESILIENCE IS A CHOICE.

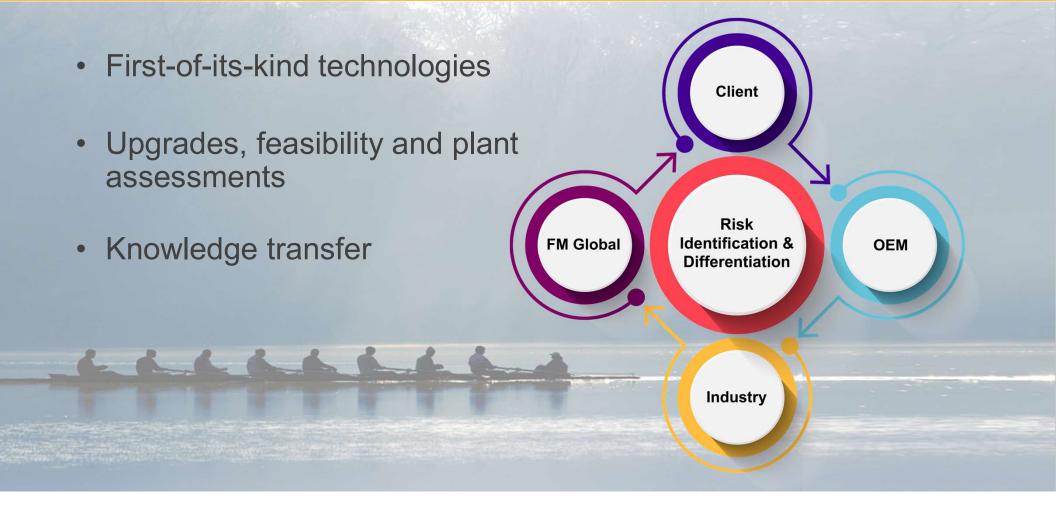
The FM Global Difference





FM Global Perspective – Gas Turbines





Gas Turbines: New fuels, life extensions, and more

New fuel/processLife extensionsEmerging techH2OEM - RULBenefitsCCSLTE MethodsValidationBlendsHolistic ApproachPurpose

FM Global

A Broad Mix is Imperative

Power Generation is evolving, as is our approach to assessing:

- Inspection, testing, maintenance evaluations
- Reliability upgrades and retrofits
- End-of-life / Life extensions
- New-to-market designs
- Decarbonization / ESG
- Loss event learnings
- Root cause analyses
- Alternative fuels
- Fire protection
- Flexible operations
- Asset management
- Operator assessments
- Equipment preservation
- Grid / smart grid stability
- Deficiency management
- Changing market conditions
- Asset reliability vs. retirement
- Renewable technology impact
- Contingency planning and sparing



[INTERNAL ONLY]

CARBON NEUTRAL JOURNEY & FM GLOBAL

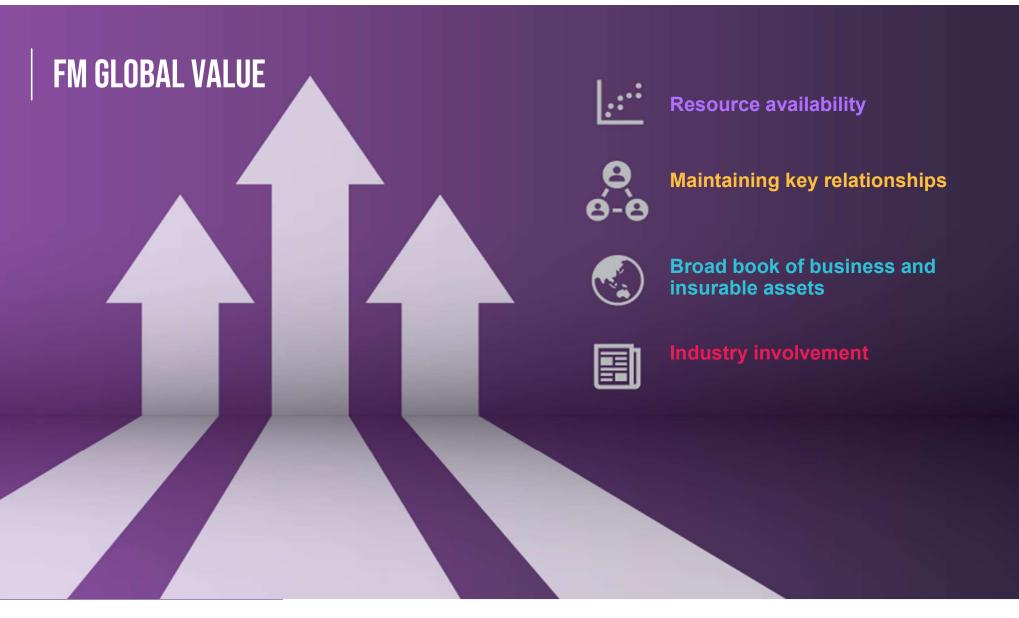
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Engagement

Alignment

Open communication

Resiliency



RESILIENCE IS A CHOICE.