

NESA CONFERENCE

AUGUST
2017

REAL SAFETY – RISK COMPETENCY

THE JOURNEY TO NEXT PRACTICE

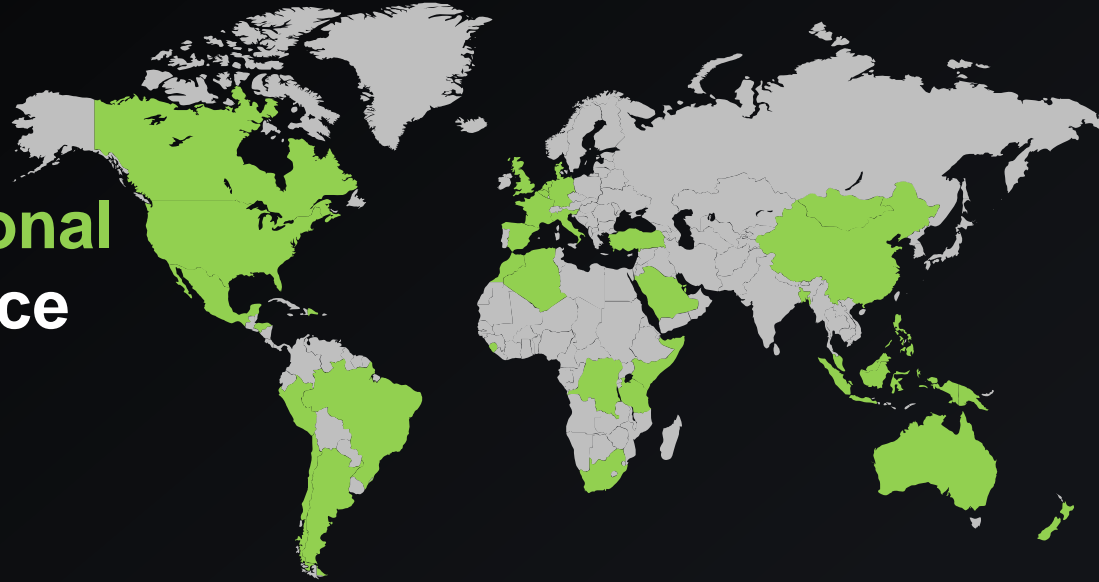


Who We Are



Real Safety is a team who manage risk in remote and challenging locations .

International Experience



Our portfolio includes businesses in more than fifty countries, from the extremes of Sierra Leone and Tanzania to the relative comfort of large multi-nationals in developed countries.



SIERRA LEONE



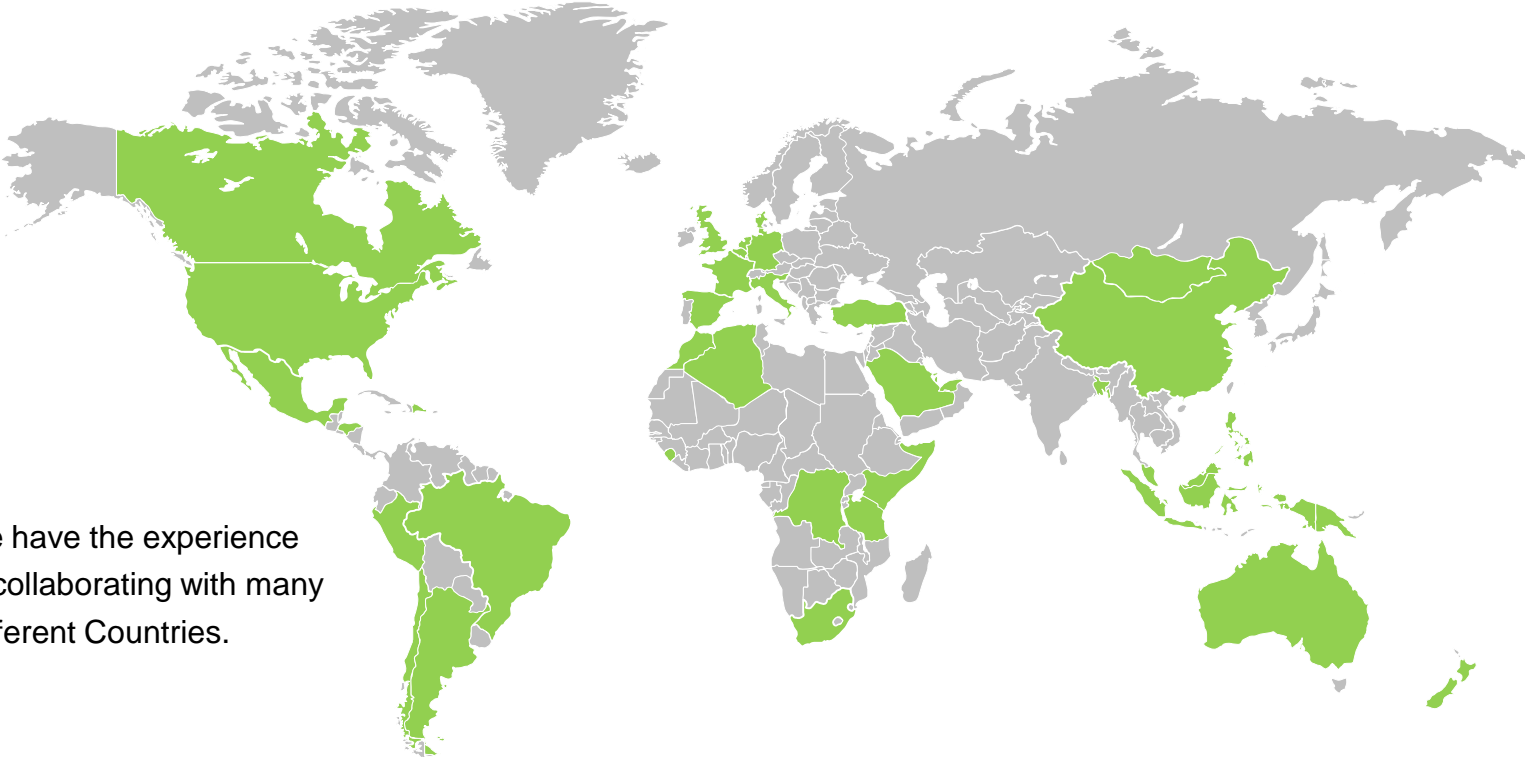
RSA – SOUTH DEEP – 3.8 Km UNDERGROUND



MEXICO

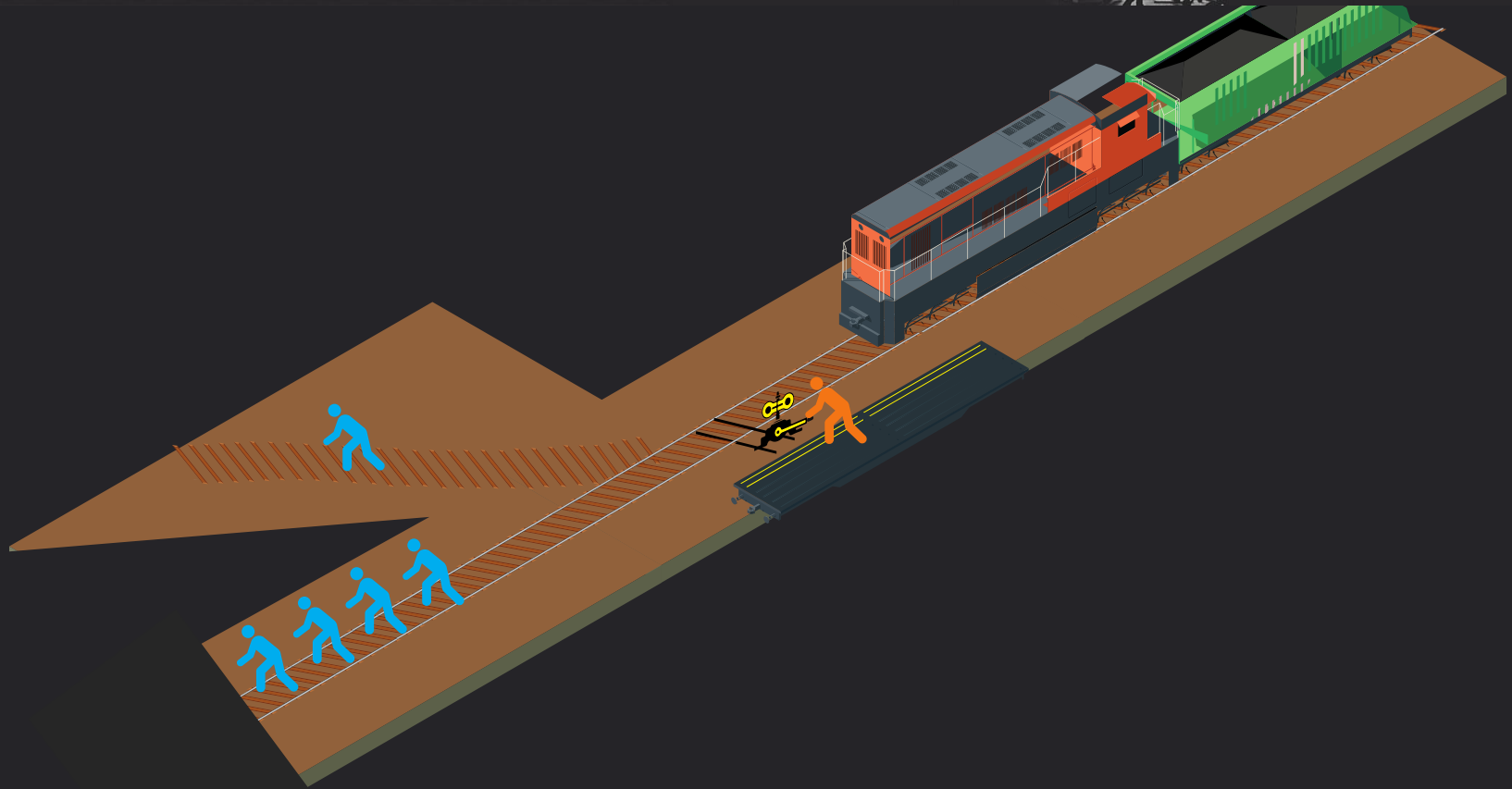
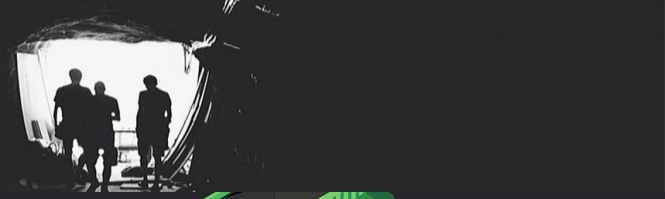


OUR WORLDWIDE MAP

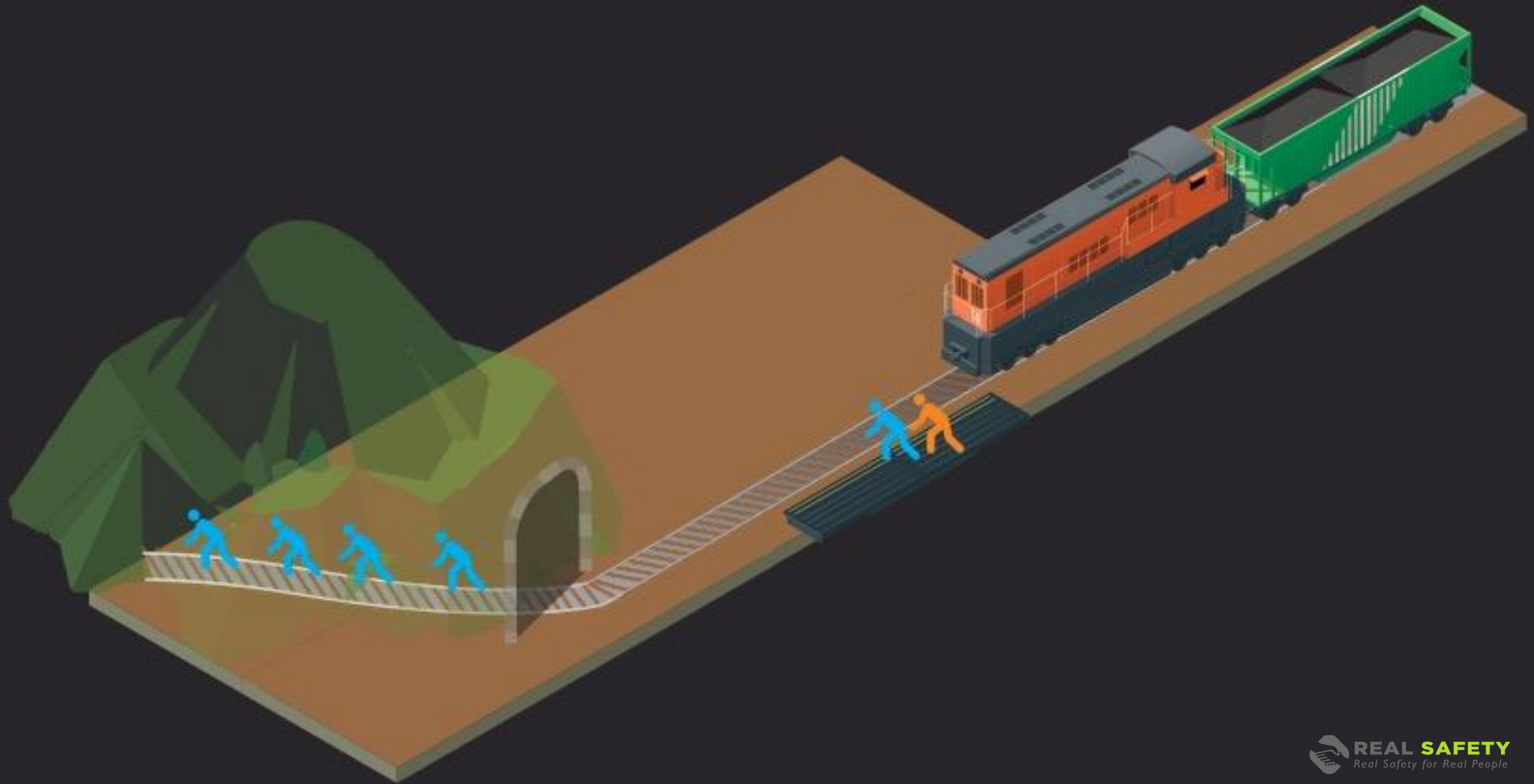


We have the experience
of collaborating with many
Different Countries.

TRAIN DILEMMA



TRAIN DILEMMA



RISK COMPETENCY EDUCATION

THE JOURNEY AHEAD



A balanced Journey focusing on the following areas:

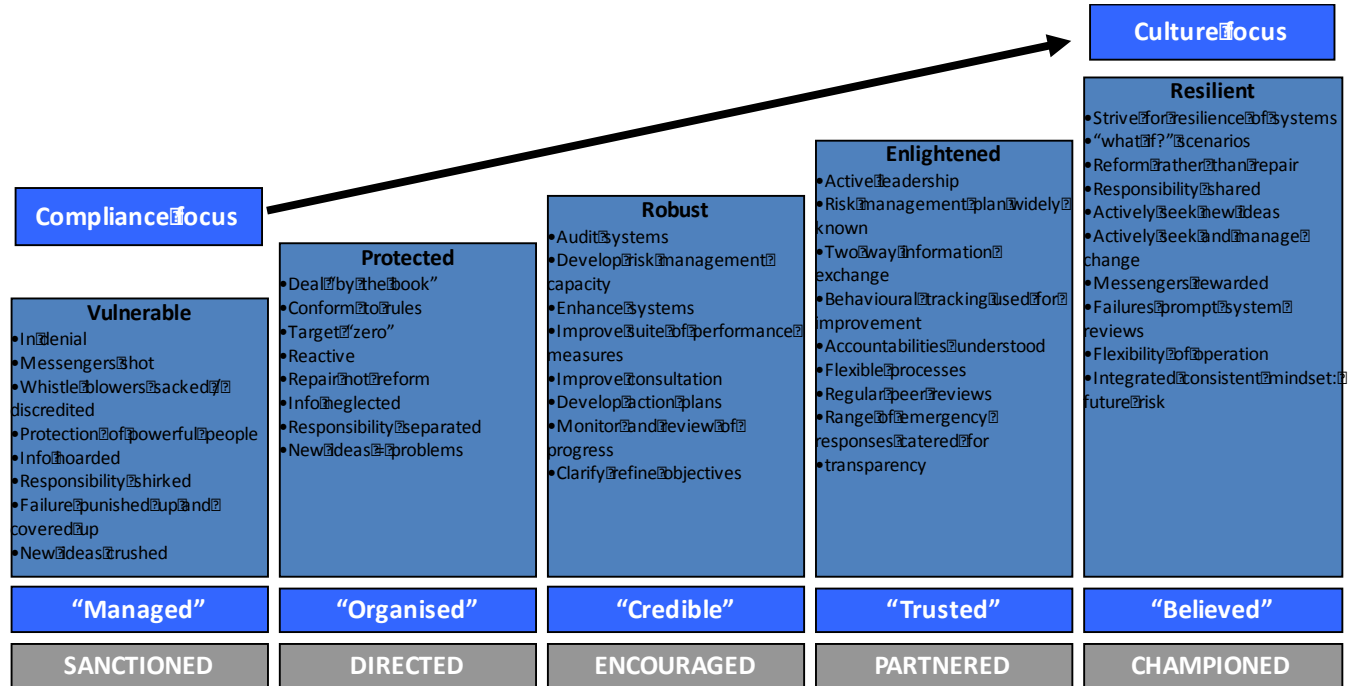
SYSTEMS/PROCEDURES:

- Management Systems Integration
- Critical Risk Control Protocols
- Risk Competency

CULTURE/PEOPLE:

- Risk Awareness (*i*CARE)
- Positive Incentives (*we* CARE Card)
- Engagement/Participation (*we* CARE Teams)

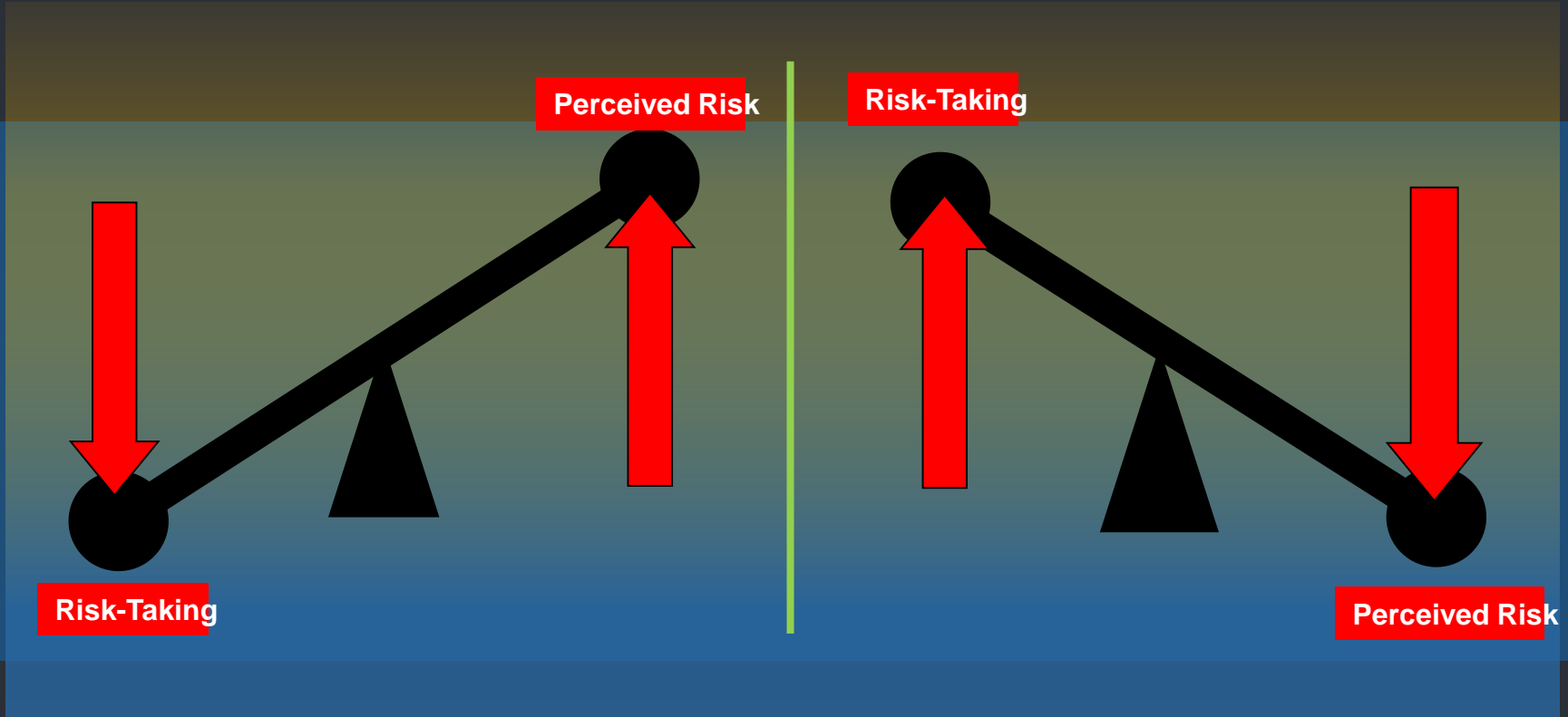
MATURITY MODEL



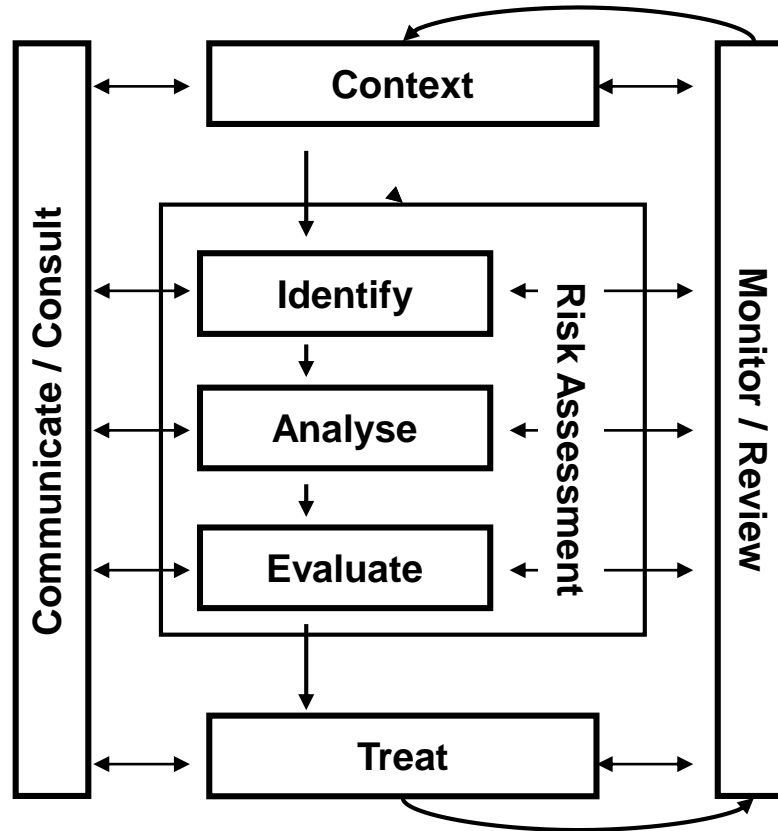
BLIND COMPLIANCE

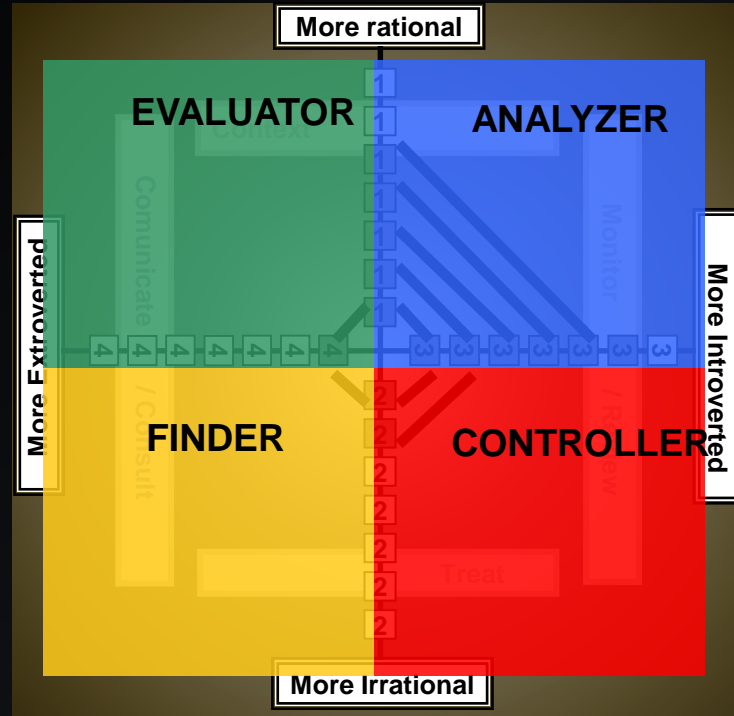


Risk Taking vs. Perceived

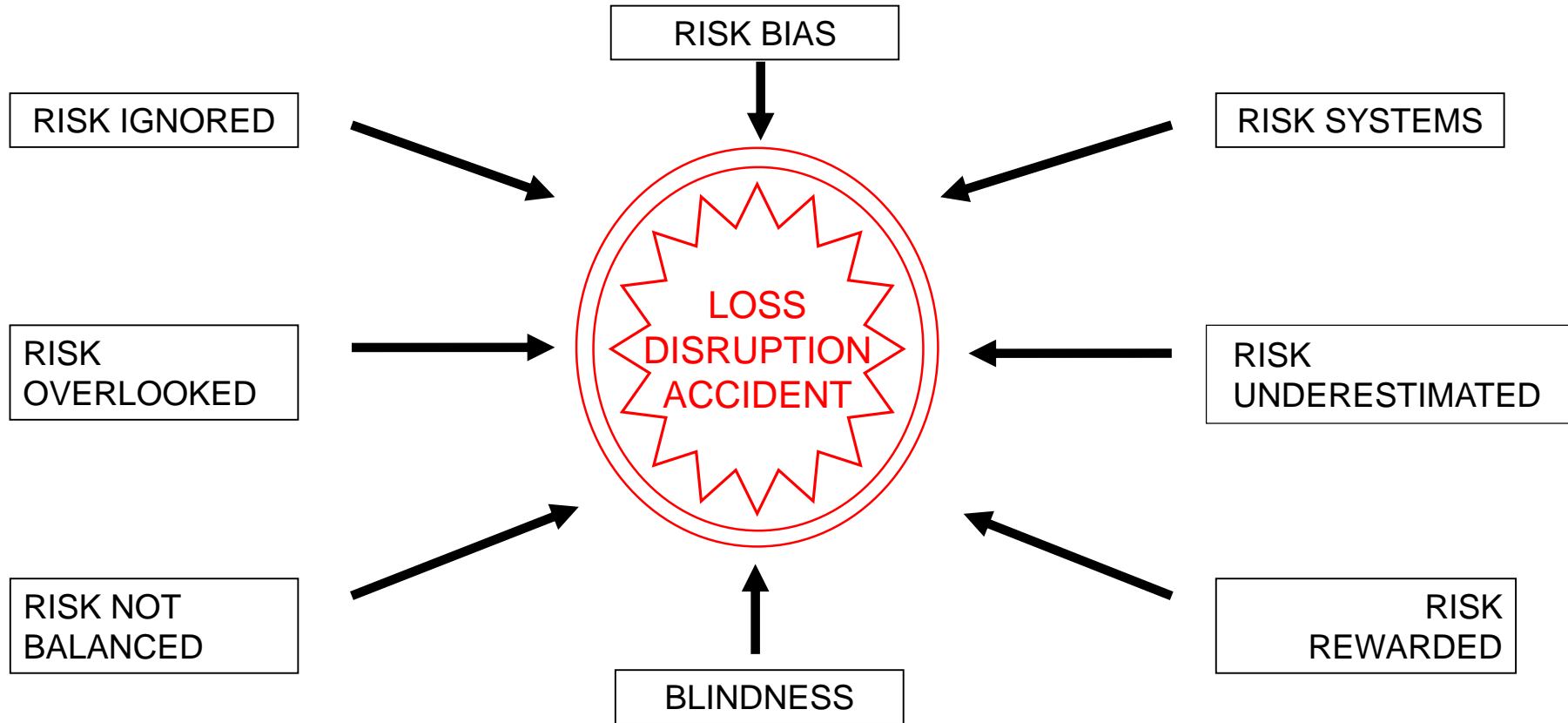


RISKOMETRIC





Mechanisms of Human Error



STEP BACK CARD

LOOK AND SEE THE HAZARDS
ASSESS THE RISK
TAKE APPROPRIATE ACTION



We Care

Step Back Card


Look and see the hazards
Assess the risk
Take appropriate action




A
Risk Finder


Step back 2 metres for 2 minutes and ask:

1. Have I looked and identified all the hazards?	YES	NO
2. Will the job be done as discussed?	YES	NO
3. Are the resources (PPE, tools, personnel) available?	YES	NO
4. Can the job be done without causing an accident?	YES	NO
5. Is everything the same since I last did the task?	YES	NO
6. Are other persons protected from my activities in the area?	YES	NO
7. Have I identified emergency devices and locations & do I know what to do?	YES	NO
8. Do I have safe access/exit to/from my work area?	YES	NO
9. My work area is clean and tidy?	YES	NO
	OK	FIX

B
Risk Calculator


Assess the risk:

	Probability of an accident	Exposure of people to the risk	Consequence/Outcome	
			INJURY	IMPACT
Almost certain Has happened Possible Heard of Unlikely Almost impossible	Yearly Quarterly Monthly Weekly Daily Continuous	Multiple Fatalities Fatality Disability Serious (LTI) Medical Treatment First Aid	Catastrophic Major Significant Serious Moderate Minor	

When assessing a current task, Exposure = Continuous





C
Risk Action


Apply one or more of the following ACTIONS:

1. PROCEED, with the usual level of caution.
2. Be more CAUTIOUS than usual.
3. Apply SAFETY CHECKS (JSA, PPE, procedures, etc.).
4. Do the job in ANOTHER WAY - think creatively.
5. Change the CONDITIONS of the task.
6. Discuss with a COLLEAGUE to assist.
7. Ask a SUPERVISOR to make a recommendation.
8. Ask a SPECIALIST with more knowledge to advise.
9. Refer to the appropriate MANAGER to decide.

Select the appropriate action.

The higher the risk, the higher the control

POSITIVE ACTIONS REWARDED

POSITIVE INCENTIVE CARDS

Positive incentive cards will drive desired behaviours, and to reward and thank employees for developing safety attitudes considered important to take safety to the next level. Front Line Leaders will hand out we CARE Cards to employees at the Mine. Managers will hand out cards to Front Line Leaders

Forty per cent of we CARE Cards will be winning cards. All we CARE Cards also participate in monthly draws for a second chance. There are five levels of reward.



- **Courageous Leadership**
- **Visible Felt Leadership**
- **Safety Interactions**

=

FRESNILLO

Gracias

Has sido reconocido como

NOMBRE: _____ # EMPLEADO : _____

FRESNILLO / CONTRATISTA : _____

DEPARTAMENTO : _____ HORA: _____

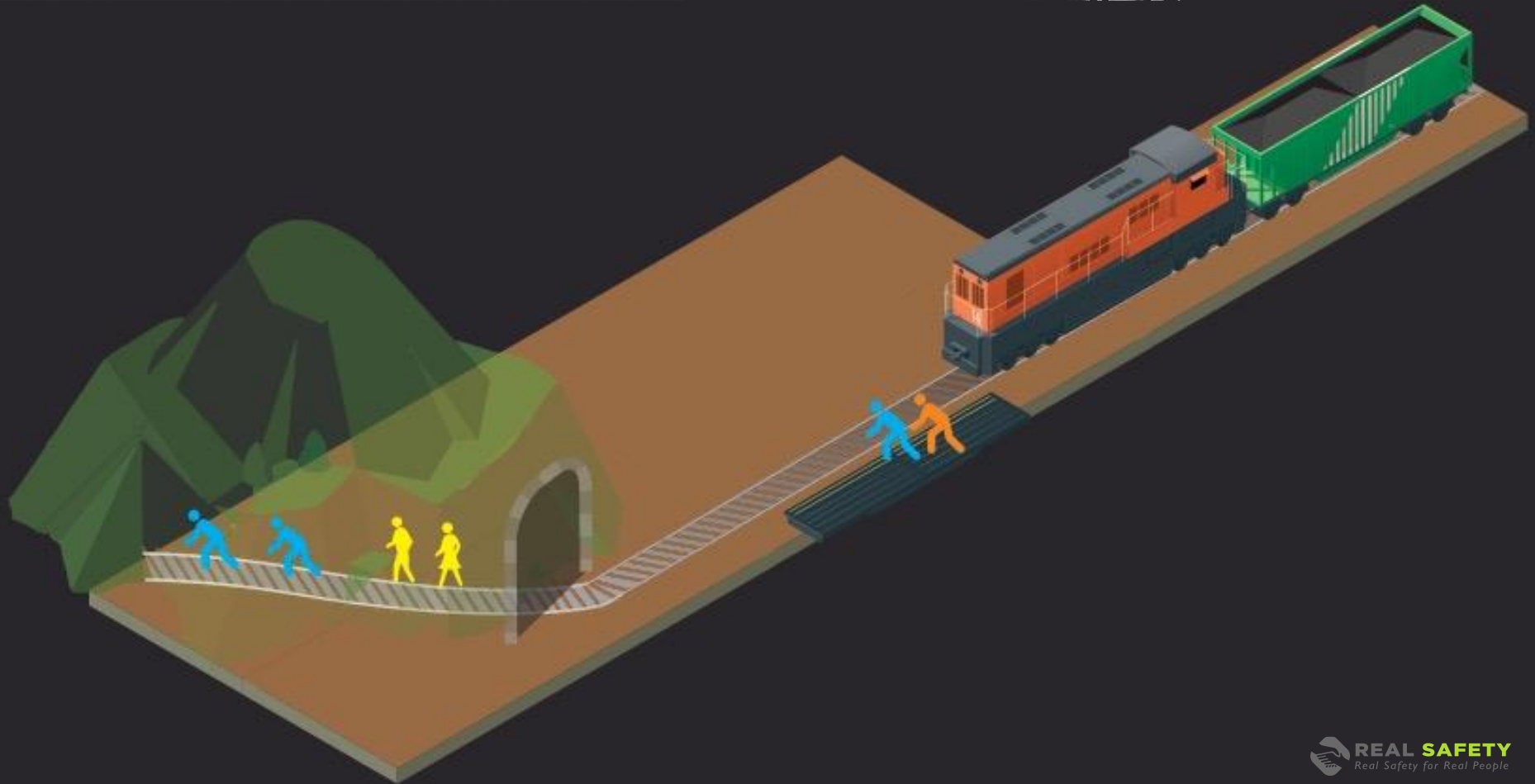
ENTREGADA POR : _____ FECHA : _____

MOTIVO DE ENTREGA :

- Pertinencia de Seguridad
- Detener una conducta riesgosa
- Reportar un Cuasi Accidente
- Identificar cambios
- Corregir un peligro
- Práctica de trabajo seguro
- Seguir el procedimiento
- EPP
- Orden y limpieza

Otros comentarios: _____

TRAIN DILEMMA





TRAIN DILEMMA



What interests my boss –
fascinates me !