2023 Prometheus Group European User Conference

How OMV uses RiskPoynt with SAP to drive Operational Improvements

Presenter: Karolina Tarkowska-Malik

Düsseldorf, June 1, 2023

OMV

Agenda

1	**Introduction**
2	Barrier Management Implementation
3	Barrier Management Principles
4	Barrier Management SAP PM Integrations
5	Barrier Management Benefits

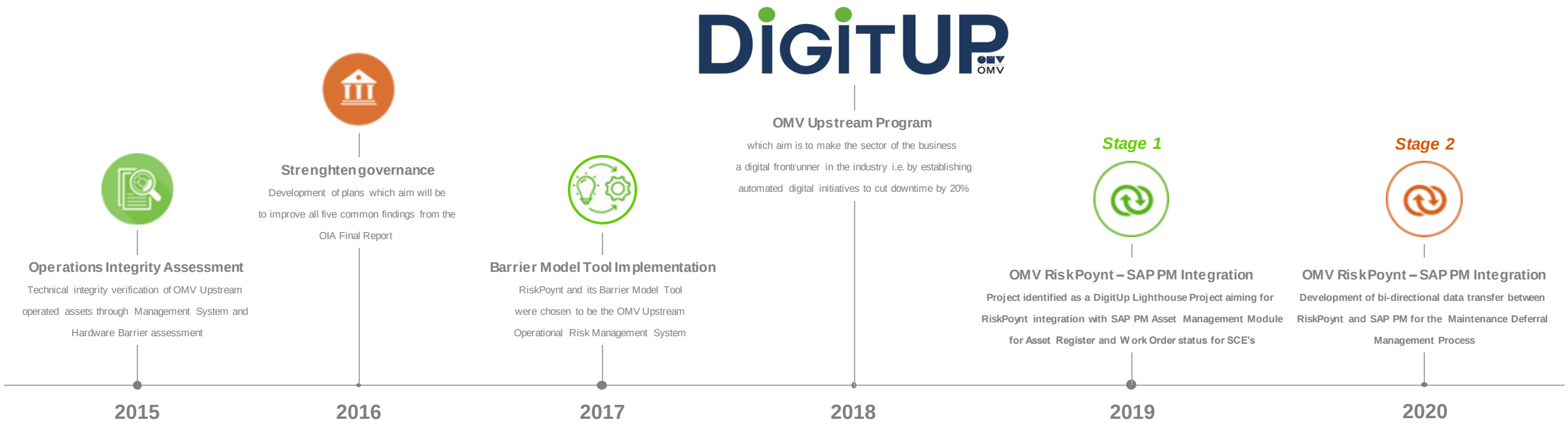
Introduction

- **Karolina Tarkowska-Malik**
  - *Senior Integrity Expert*
    - M.Sc. Chemical and Process Engineering
    - OMV Energy, Austria
    - 10+ years maintenance and integrity engineering
    - ISO 9001 Quality Auditor

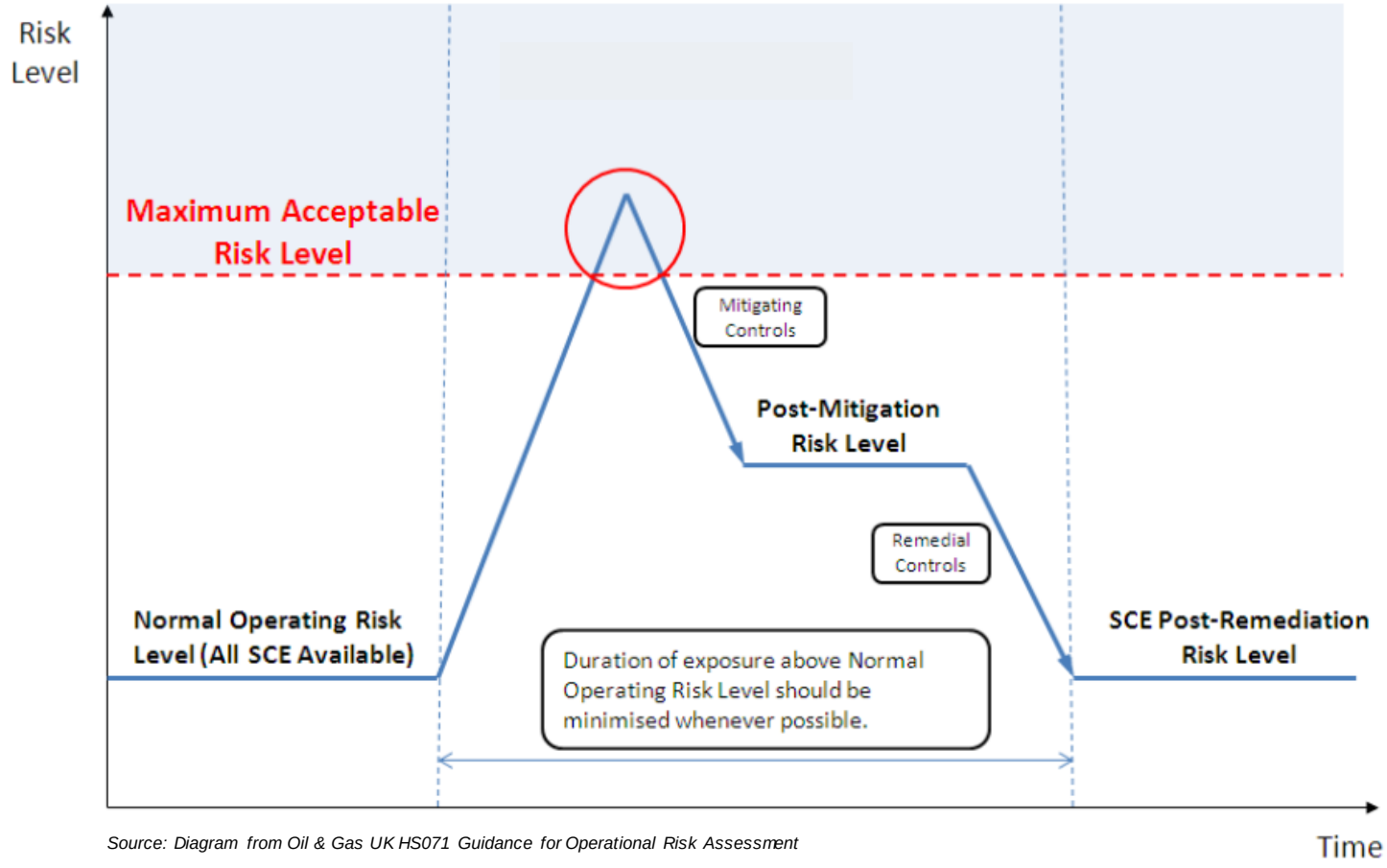
Introduction

- **OMV Group**
  - *Vienna, Austria*
    - Austrian international, integrated oil, gas and chemicals company
    - Founded **1956**
    - Number of employees **22,400** (2021)
    - OMV Energy production: **486 kboe/d** (2021)
    - **OMV Energy** present in **4 core regions**:
      - Central & Eastern Europe
      - Middle East & Africa
      - North Sea
      - Asia-Pacific

Barrier Management Implementation

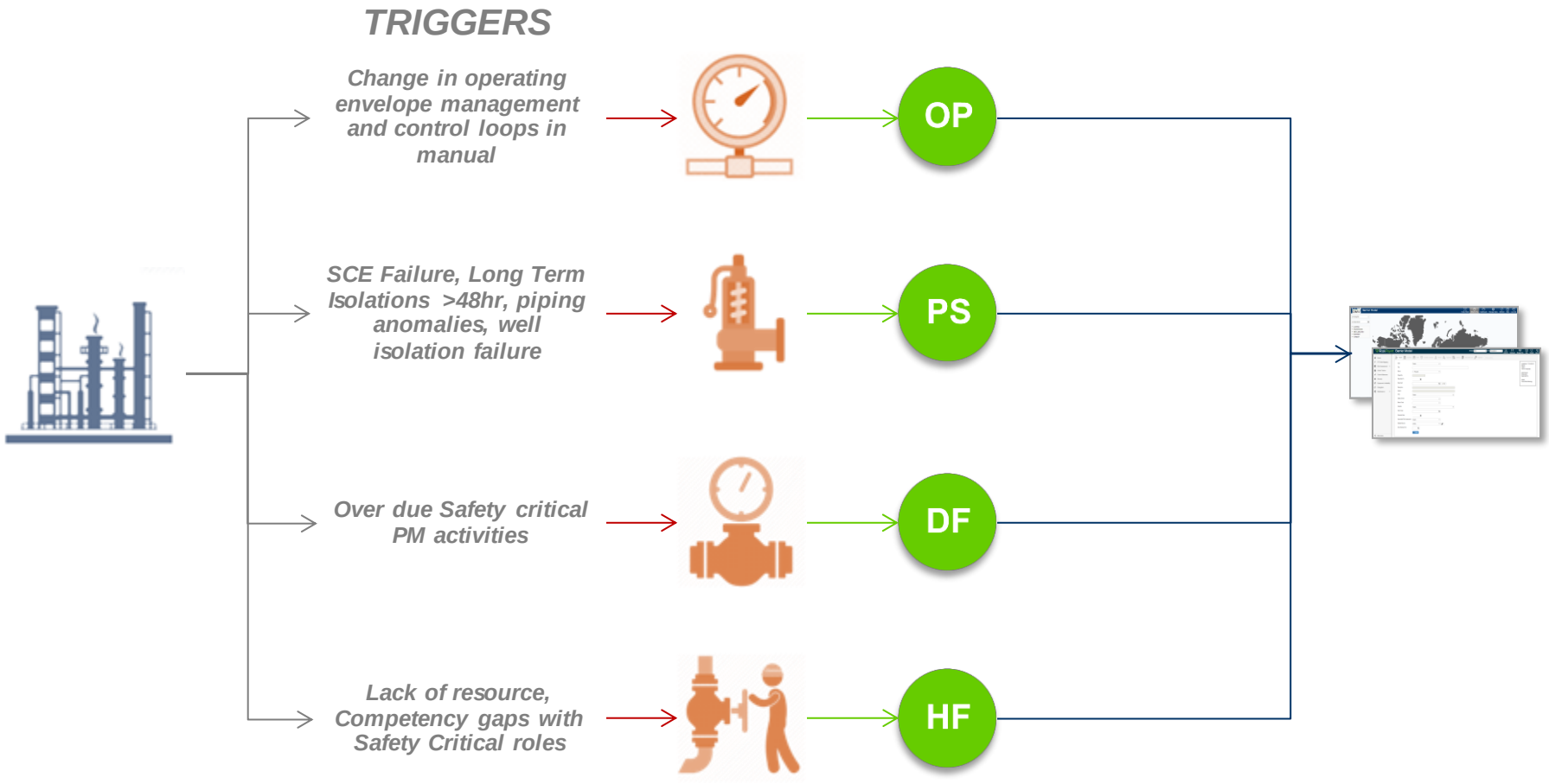


Barrier Management Principles

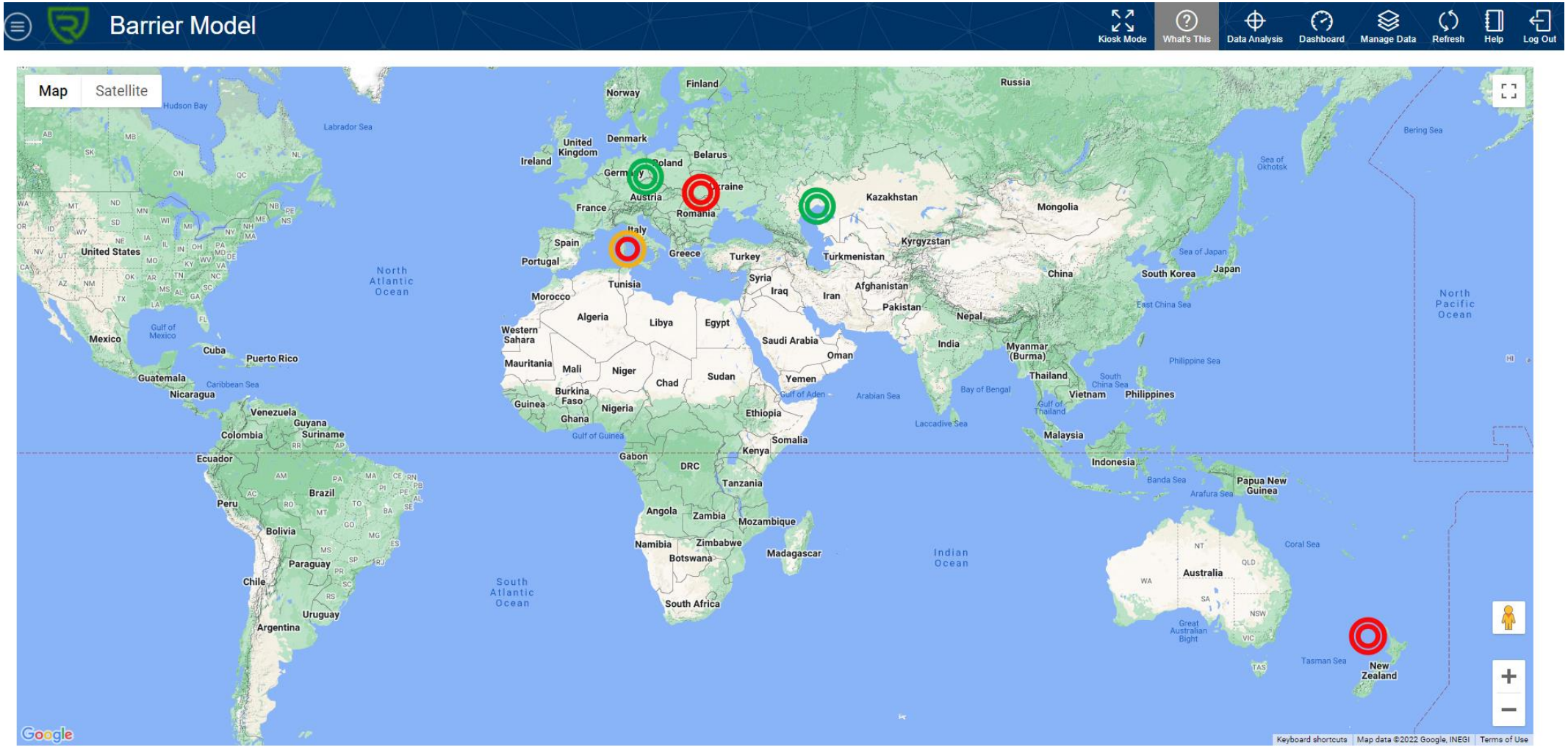


Source: Diagram from Oil & Gas UK HS071 Guidance for Operational Risk Assessment

Barrier Management Principles

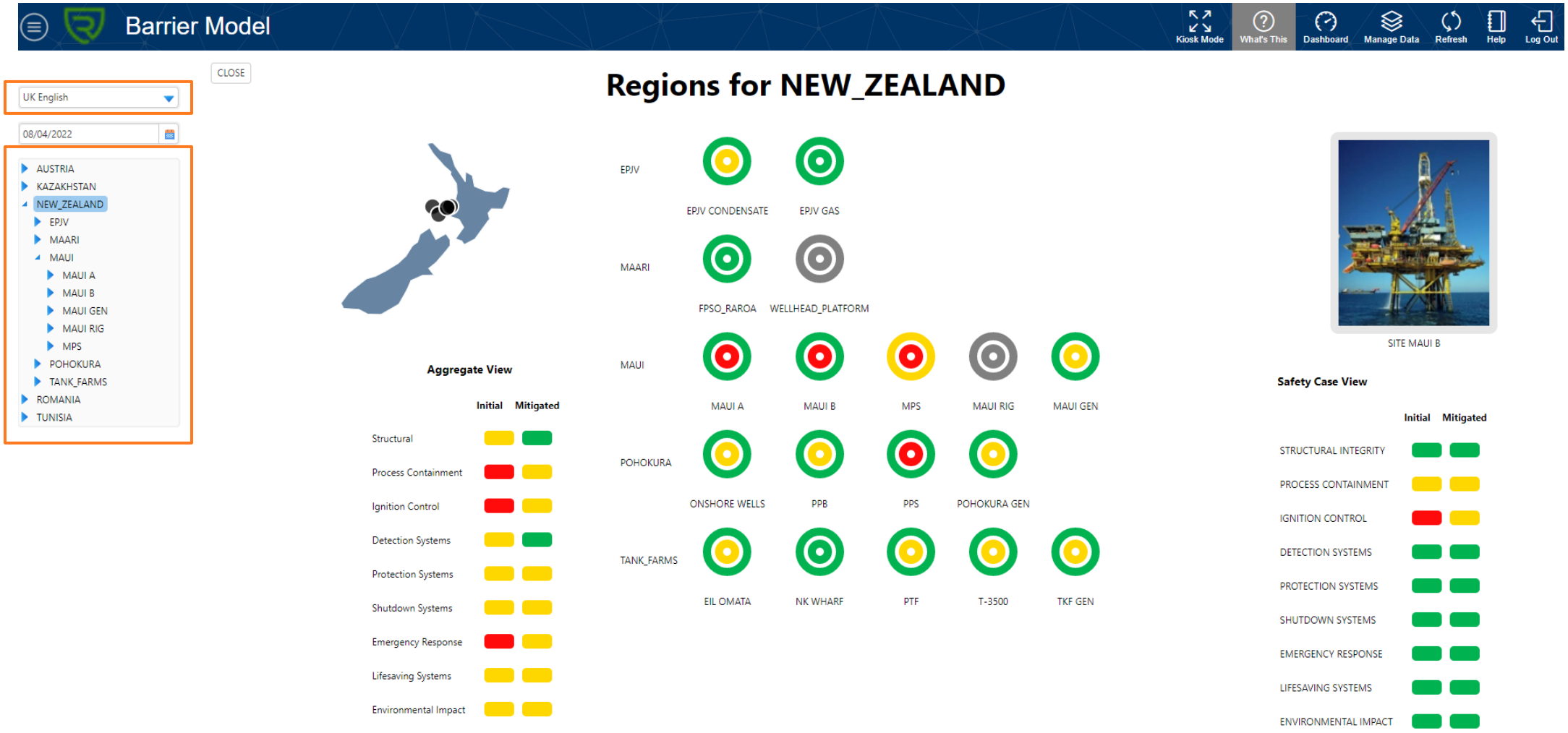


Barrier Management Principles



Source: OMV RiskPoynt QA (TEST System Data

Barrier Management Principles



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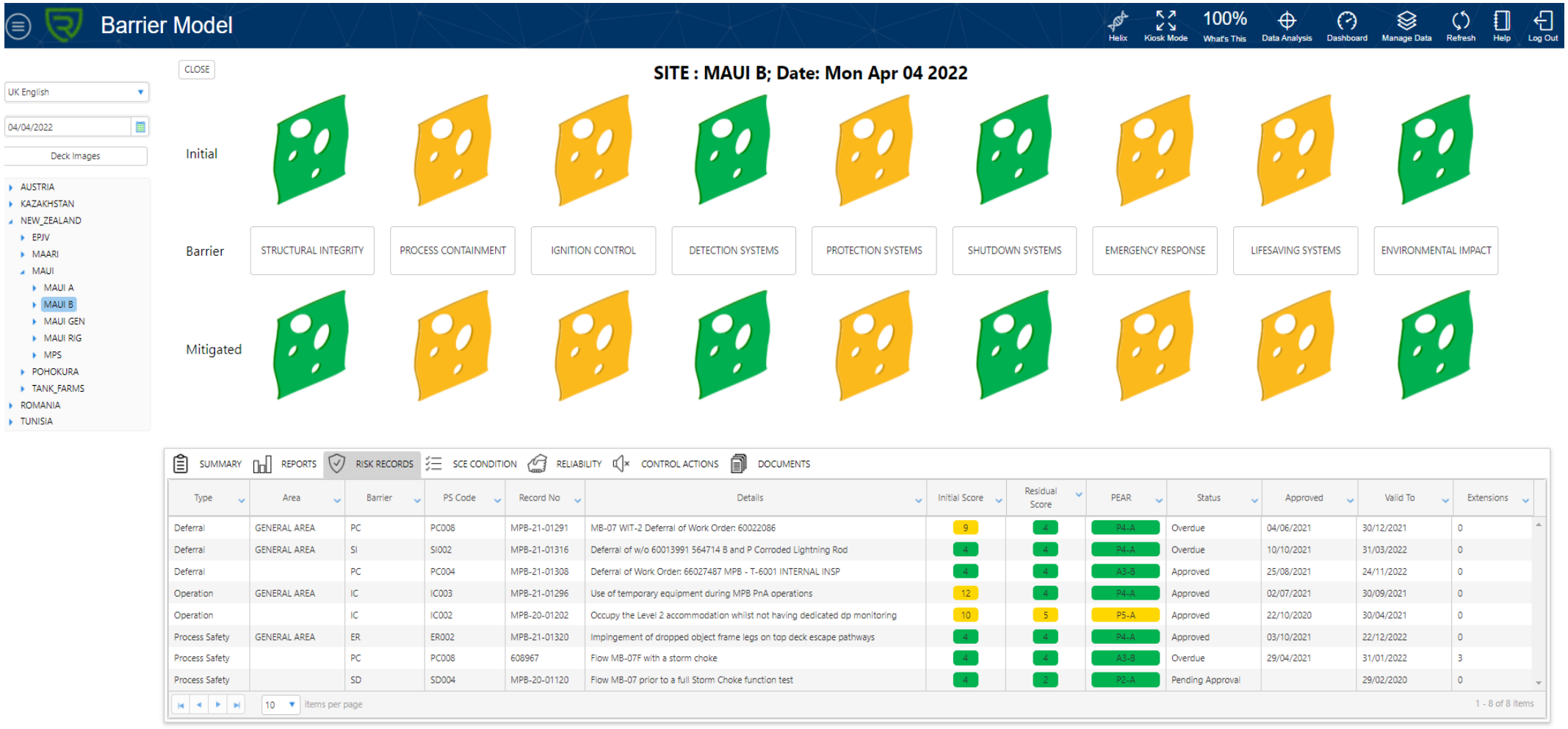
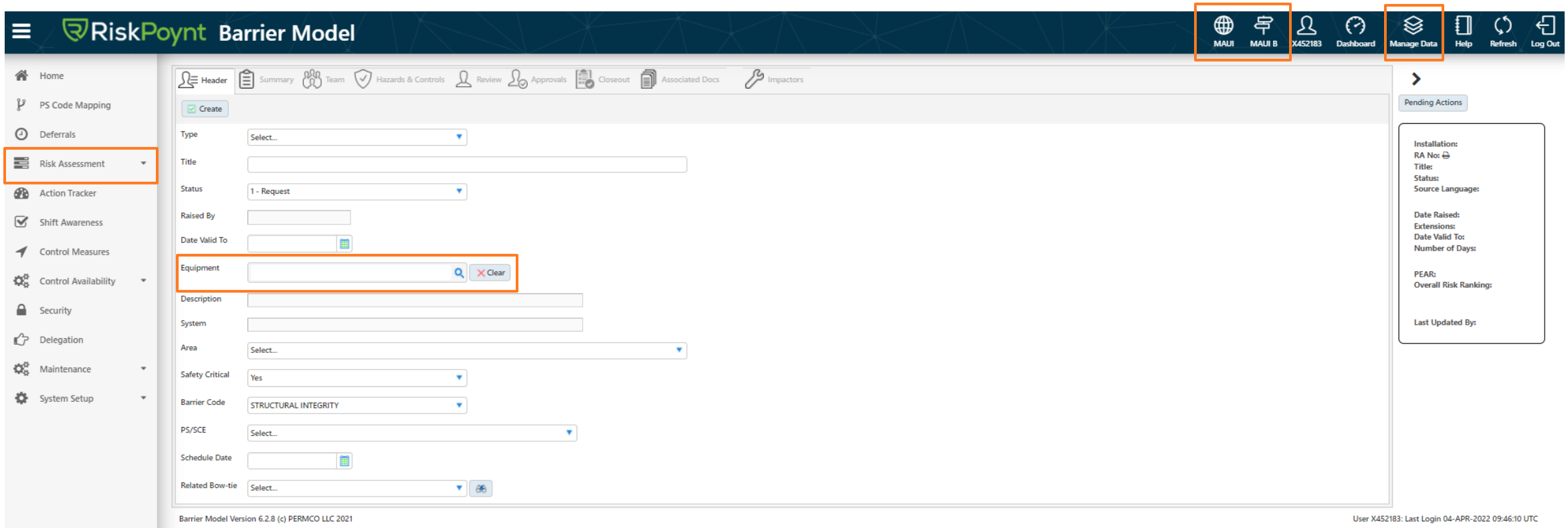


Type	Area	Barrier	PS Code	Record No	Details	Initial Score	Residual Score	PEAR	Status	Approved	Valid To	Extensions
Deferral	GENERAL AREA	PC	PC008	MPB-21-01291	MB-07 WIT-2 Deferral of Work Order: 60022086	9	4	P4-A	Overdue	04/06/2021	30/12/2021	0
Deferral	GENERAL AREA	SI	SI002	MPB-21-01316	Deferral of w/o 60013991 564714 B and P Corroded Lightning Rod	4	4	P4-A	Overdue	10/10/2021	31/03/2022	0
Deferral		PC	PC004	MPB-21-01308	Deferral of Work Order: 66027487 MPB - T-6001 INTERNAL INSP	4	4	A3-B	Approved	25/08/2021	24/11/2022	0
Operation	GENERAL AREA	IC	IC003	MPB-21-01296	Use of temporary equipment during MPB PnA operations	12	4	P4-A	Approved	02/07/2021	30/09/2021	0
Operation		IC	IC002	MPB-20-01202	Occupy the Level 2 accommodation whilst not having dedicated dp monitoring	10	5	P5-A	Approved	22/10/2020	30/04/2021	0
Process Safety	GENERAL AREA	ER	ER002	MPB-21-01320	Impingement of dropped object frame legs on top deck escape pathways	4	4	P4-A	Approved	03/10/2021	22/12/2022	0
Process Safety		PC	PC008	608967	Flow MB-07F with a storm choke	4	4	A3-B	Overdue	29/04/2021	31/01/2022	3
Process Safety		SD	SD004	MPB-20-01120	Flow MB-07 prior to a full Storm Choke function test	4	2	P2-A	Pending Approval		29/02/2020	0

10 items per page — 1 - 8 of 8 items

Source: OMV RiskPoynt QA (TEST System Data

Barrier Management Principles



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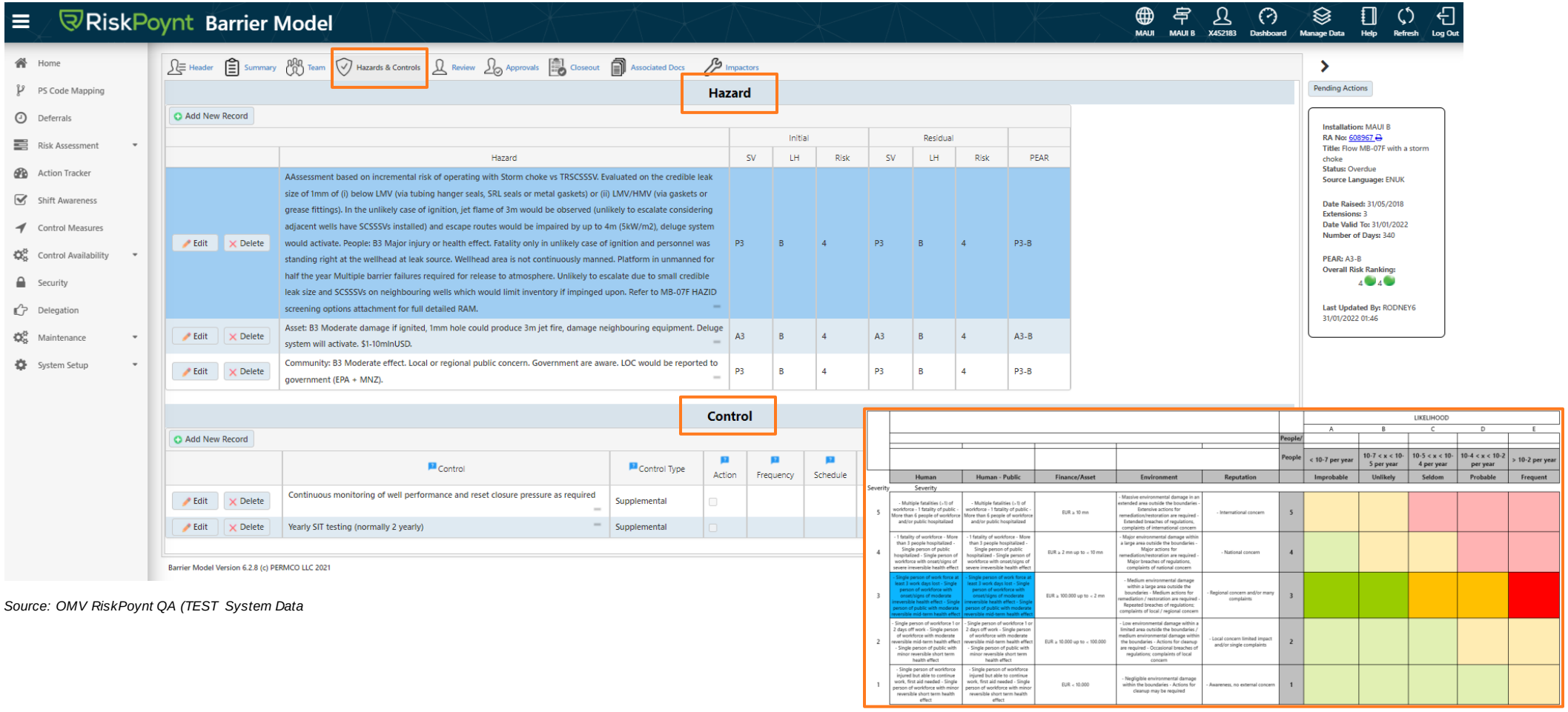
Barrier Management Principles



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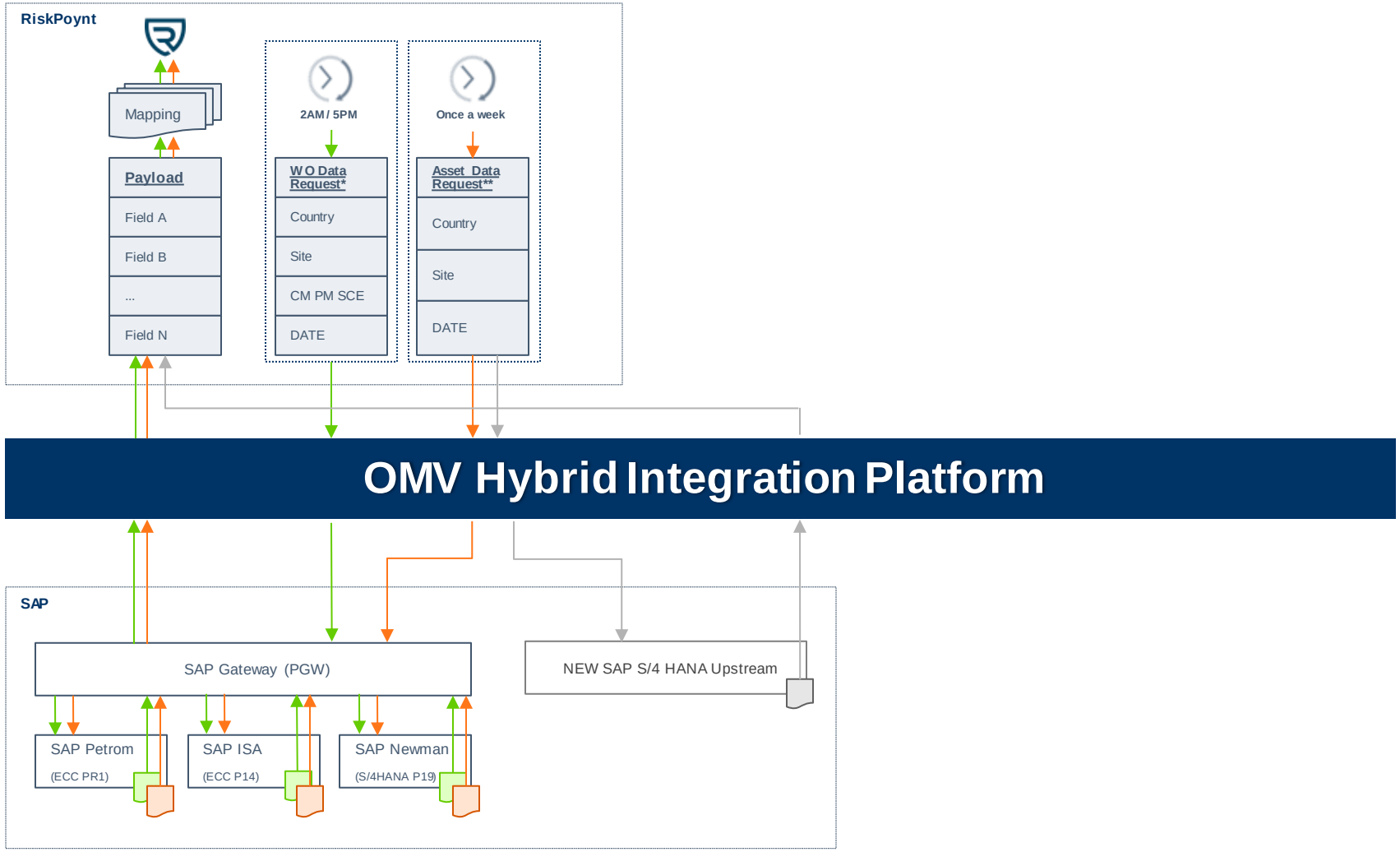
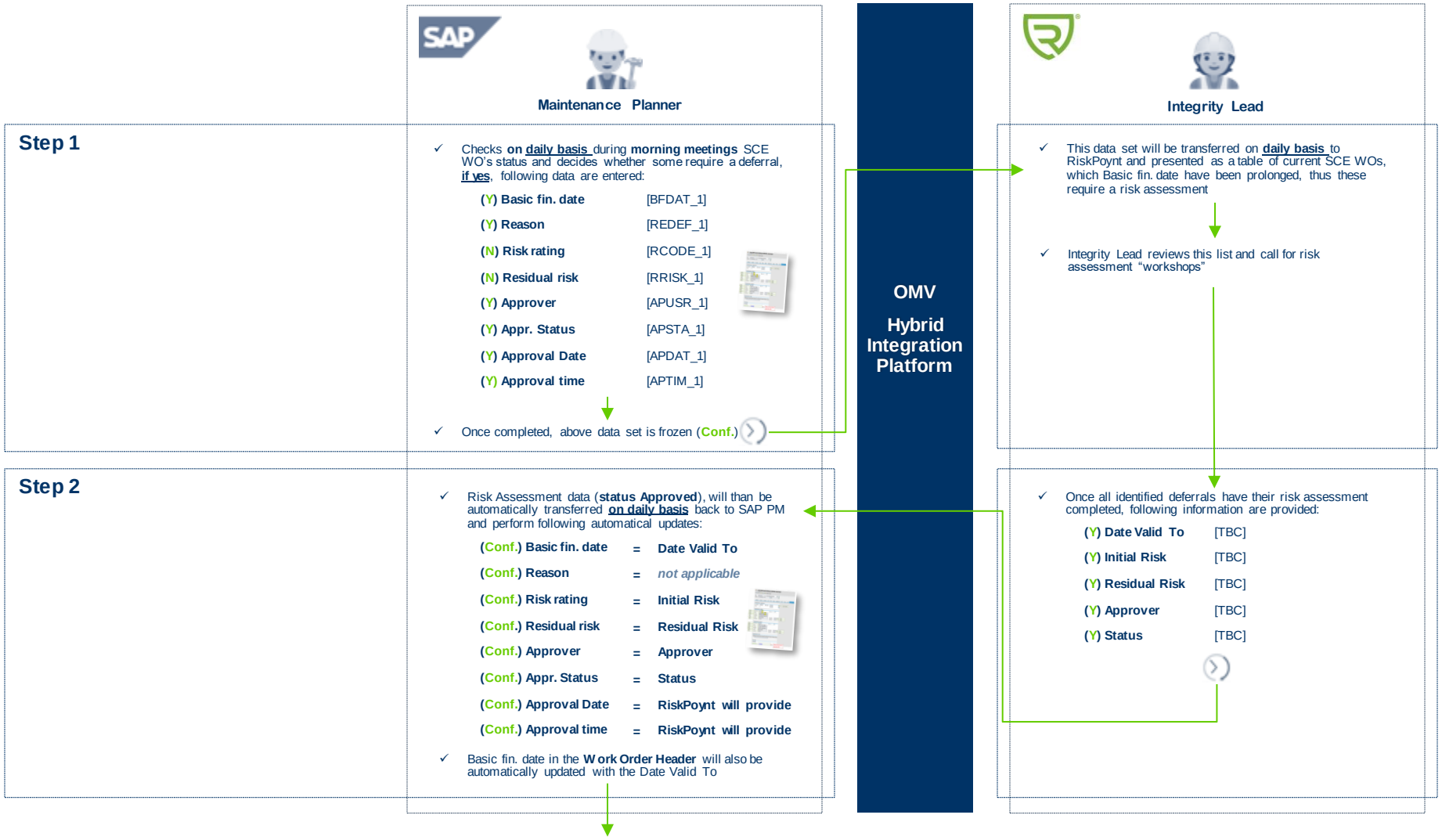
Barrier Management SAP PM Integrations (Part 1)

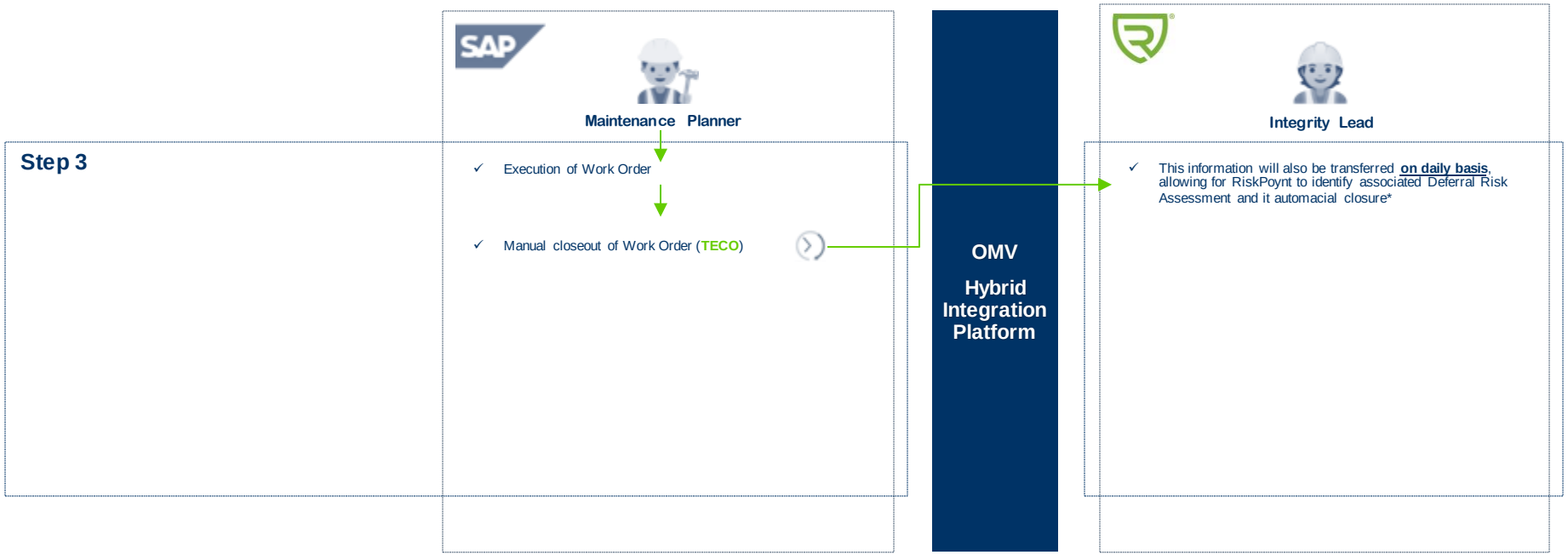


Barrier Management SAP PM Integrations (Part 1)

Barrier Management SAP PM Integrations (Part 2)



Barrier Management SAP PM Integrations (Part 2)



Barrier Management Benefits

- All Operational Risk Assessment centrally located, transparent and auditable
- Hardware Barrier condition visually presented enabling quicker and better decision-making for safe operations
- Residual risk monitored, mitigation measures tracked, and recovery plans followed
- Standardized and automated risk assessment workflow easily accessible for both field and office personnel

- Bi-Directional Integration for the SCE Maintenance Deferral Process has enforced:
  - Process Safety Culture
  - Standard Compliance
  - Interdisciplinary Communication

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Q&A

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