

# Safety Management System and Safety KPIs at a gas processing facility

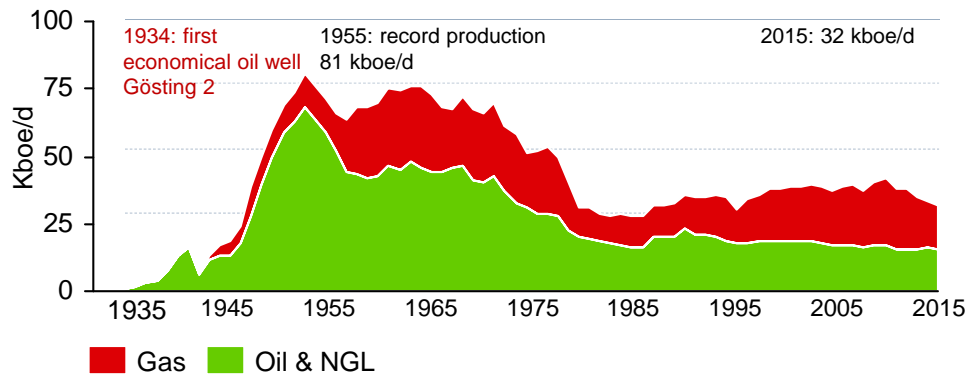
Hernstein, April 2018

Angelika Zartl-Klik, OMV Austria

OMV Exploration & Production



# OMV Austria



## 2016 summarized

- ▶ ~5.6 mn bbl oil and condensate, ~10% of oil processed in Austria
- ▶ ~5.1 mn boe gas, ~15% of Austria's gas consumption
- ▶ ~250 oil and ~100 gas reservoirs
- ▶ ~1.070 active wells, of which: ~700 oil wells, ~115 gas wells, ~90 water injections and ~165 storage wells in ~50 active production fields



\* EPG: Erdölproduktionsgesellschaft



# OMV Austria's Aderklaa



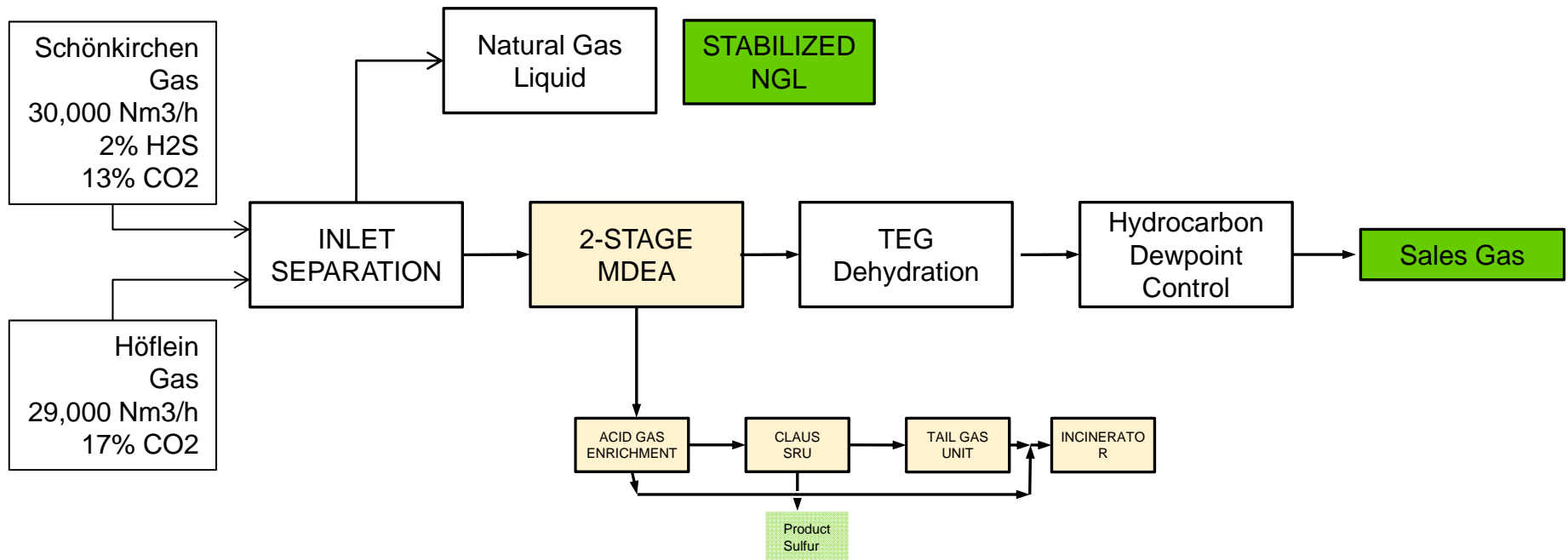
\* EPG: Erdölproduktionsgesellschaft



# Aderklaa gas processing facility



# Aderklaa Processing Unit simplified



# Hazardous Substances at Aderklaa

Hazard categories (H, P, E, O Satz) Anlage 5 GewO, Teil 1	Hazardous Substances Anlage 5 zur GewO, Teil 2	Maximum quantity of dangerous substance
		[to]
P5c, E2 (Flammable Liquids)		482.58
	18 - Liquefied flammable gases, Category 1 or 2 (including LPG) and natural gas	17.29
	22 - Methanol	26.10
	34c – Diesel fuels	13.00
	34d Heavy fuel oils	2.50
	37 - Hydrogen sulphide	1.61
	35 - Anhydrous Ammonia	0.44

# OMV Group's HSSE Vision

## ZERO Harm NO Losses

- ▶ All accidents and losses can be prevented
- ▶ Every day we act and **manage our risks** in such a way that People, Environment, Assets and Reputation are protected
- ▶ HSSE is an integral part of OMV Group's business



The long term business success of OMV depends on our ability to continually improve the quality of our activities while protecting people, environment, assets and reputation. Therefore, Health, Safety, Environment (HSSE) are integral parts of our business.

Our Vision "Zero Harm – No Losses" guides our behavior, actions and decisions:

#### Leadership and Compliance

- ▶ We hold ourselves accountable for our systems, products, services and actions
- ▶ We demonstrate commitment and leadership at all organization levels
- ▶ We expect our employees, partners and contractors to adhere to this policy and our management system
- ▶ We provide products, goods and services that meet customer and applicable statutory and regulatory requirements and enhance customer satisfaction
- ▶ We comply with all relevant legislation and OMV Group regulations wherever we operate

#### Performance and Risk Management

- ▶ We improve competence of all our employees on relevant HSSE matters
- ▶ We establish specific goals, measure and benchmark our progress for continuous performance improvement
- ▶ We identify hazards and threats to prevent, control or reduce risks to an acceptable level

#### Focus Areas

- ▶ We focus on the health of our employees by improving working conditions, health promotion programs and medical services
- ▶ We keep our workplaces and processes safe for the environment and all people who may be affected by our activities
- ▶ We actively engage in stakeholder dialog and manage our social impacts and risks
- ▶ We minimize our impact on the environment through pollution prevention, reduction of emissions and efficient use of energy and natural resources
- ▶ We protect against crime, malicious acts arising from geopolitical threats and business crime
- ▶ We develop resilience to respond and recover from incidents and ensure business continuity

Rainer Seele

Johann Pleininger

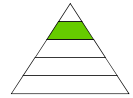
Manfred Leitner

Reinhard Florey

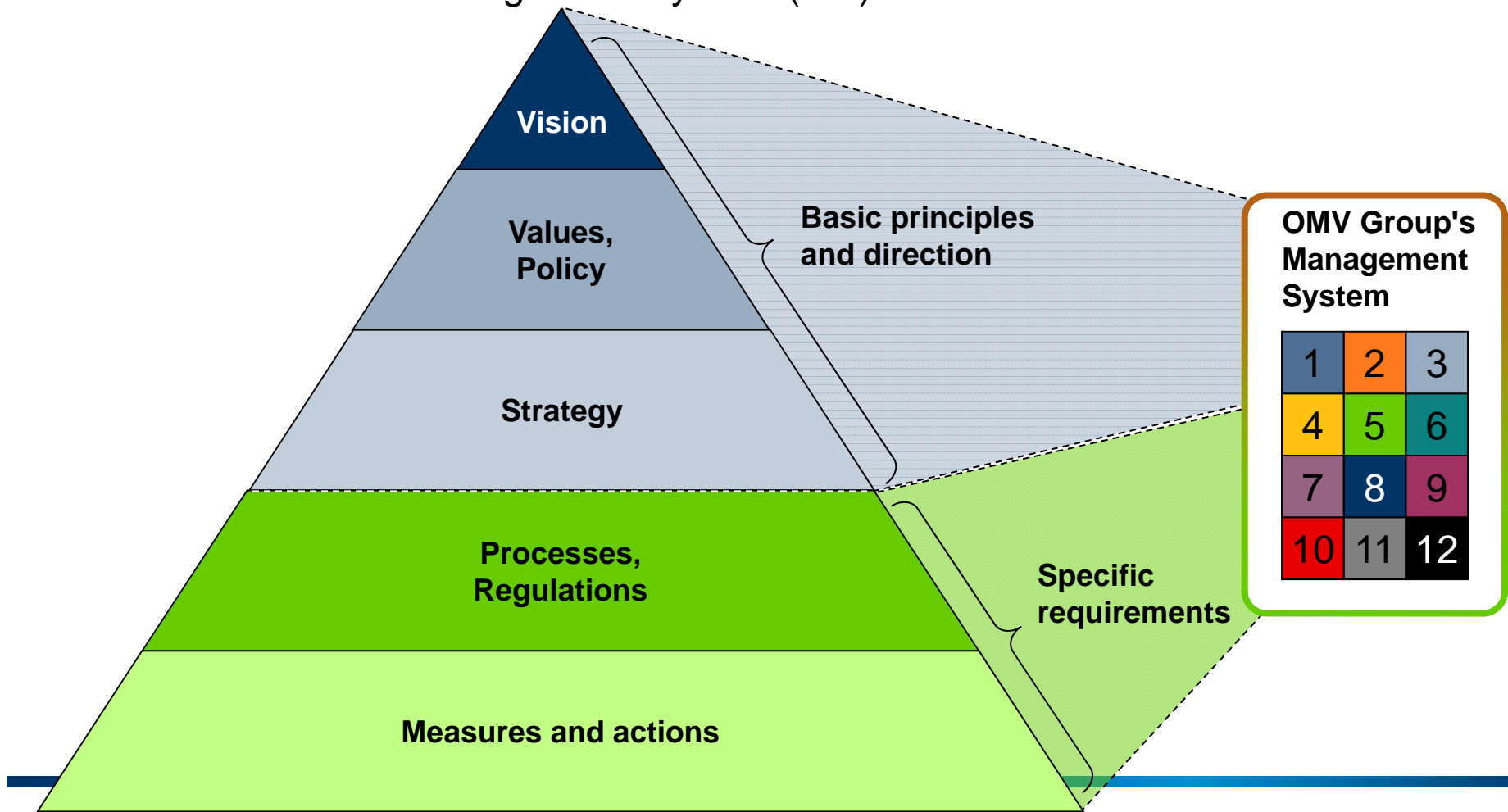
Vienna, June 2017



# The HSSE Management System creates a framework that helps manage risks and prevent accidents

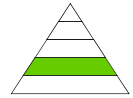


Context of HSSE Management System (MS)

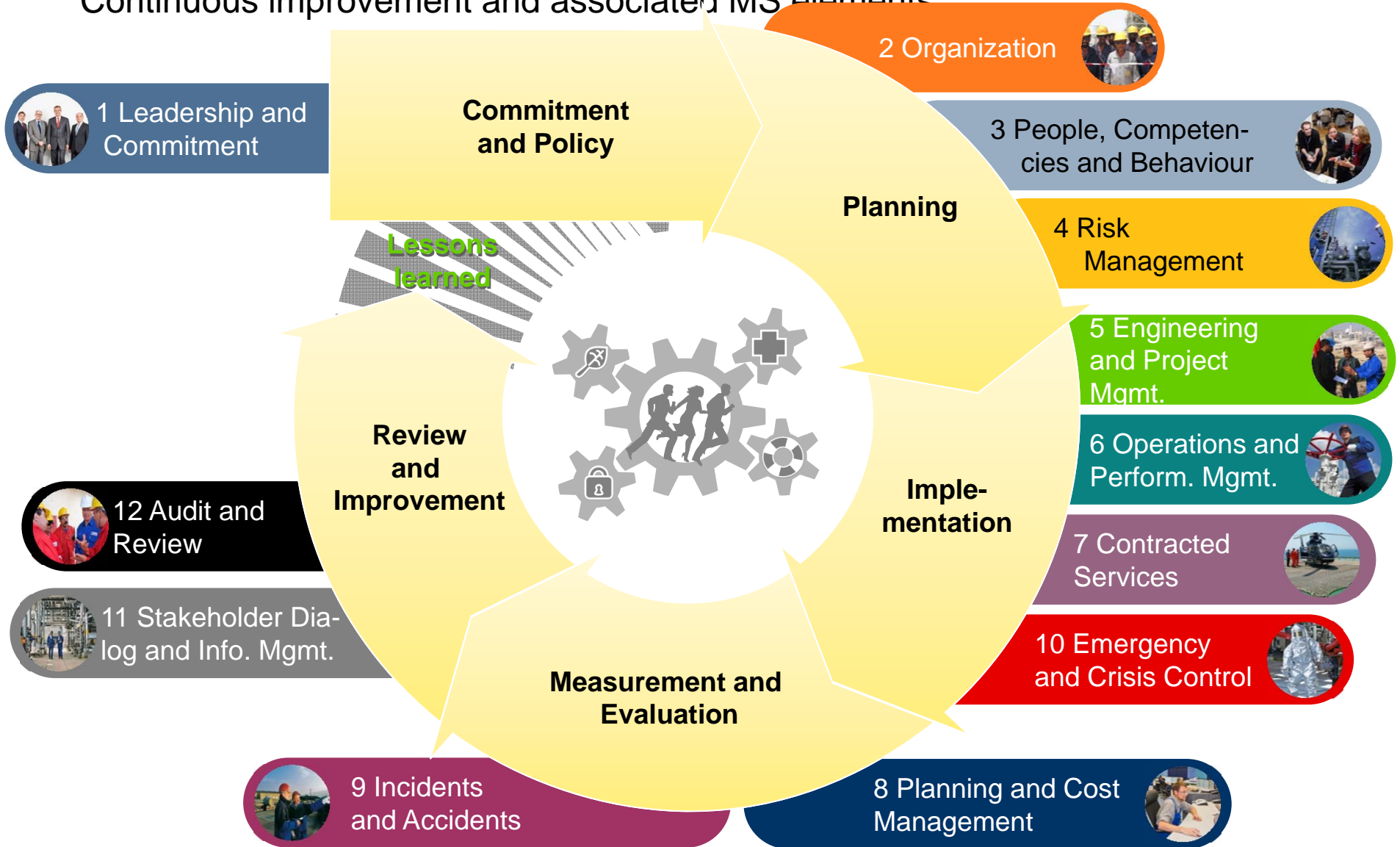




# These can be clearly assigned to the continuous improvement process



Continuous improvement and associated MS elements

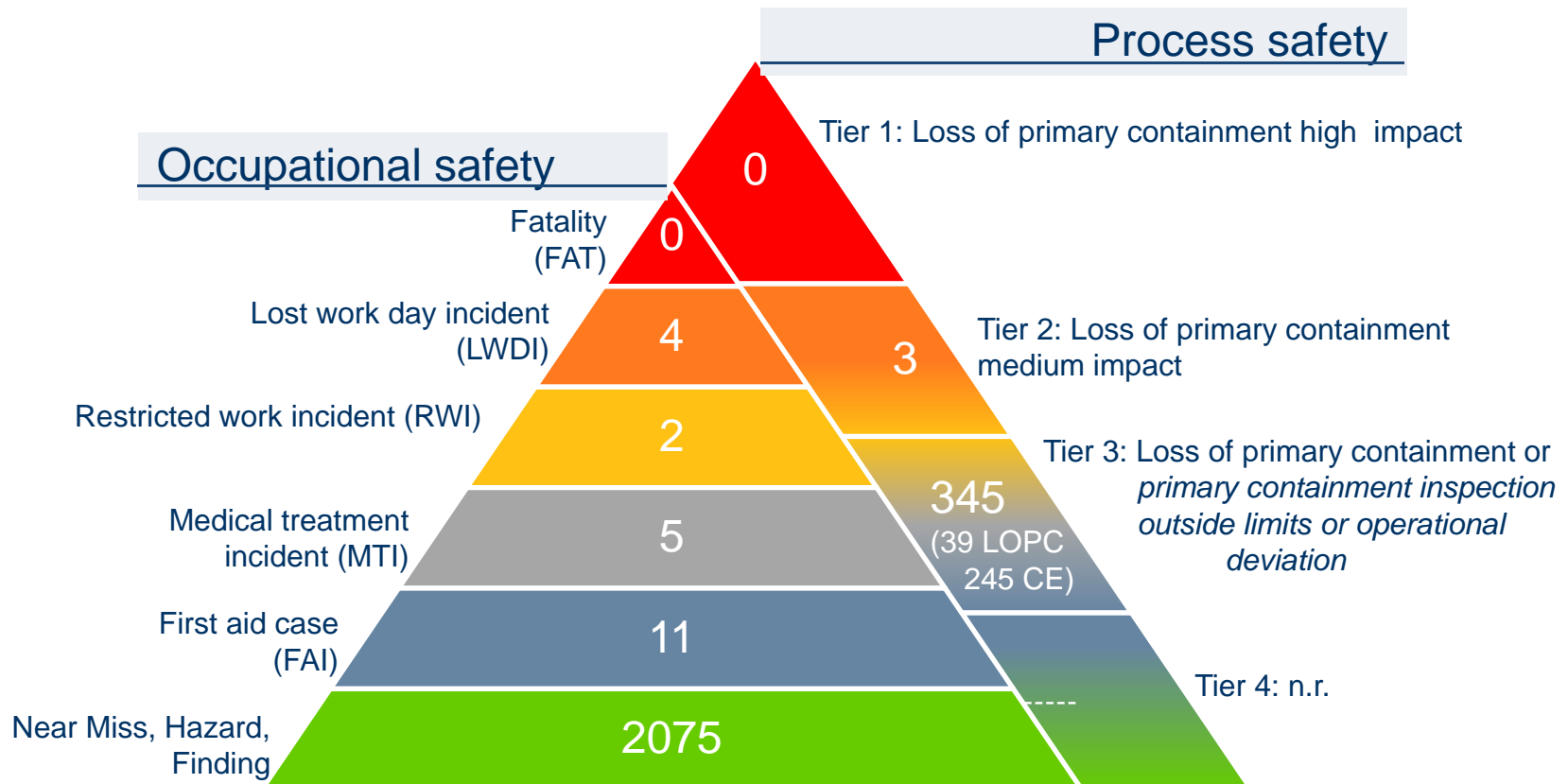


## Safety KPIs

CARE

Collect-Analyse-React-  
Exchange

# Safety Performance 2017 OMV Austria (CARE reports)



Daten per 31. Dezember 2017





# Safety KPIs Aderklaa

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➤ Safety Pyramid



➤ Plant Availability

➤ Number of MoCs (Management of Change)

➤ Maintenance of Safety Critical Elements – planned versus done

➤ Risk based Inspection Report – planned versus done

➤ Process Safety report incl. emergency exercises, audits

# Questions & Answers

