



Gefahrenabwehr in der Binnenschifffahrt

DONAUKOMMISSION

12.02.2020

Die Rechte und
Interessen von
privaten Akteuren
mit reduzierten
Mitteln öffentlicher
Ordnung zu schützen

UNSER REVIER



Ausgleich von privaten
Sicherheitsinteressen
und Öffentlicher
Ordnung unter
Wahrung von
Grundrechtsprinzipien

UNSERE MISSION



Arbeitsprozesse,
Meldewesen und
Ausbildung als
Komfort der privaten
Akteure und der
Organe der
Rechtsverfolgung

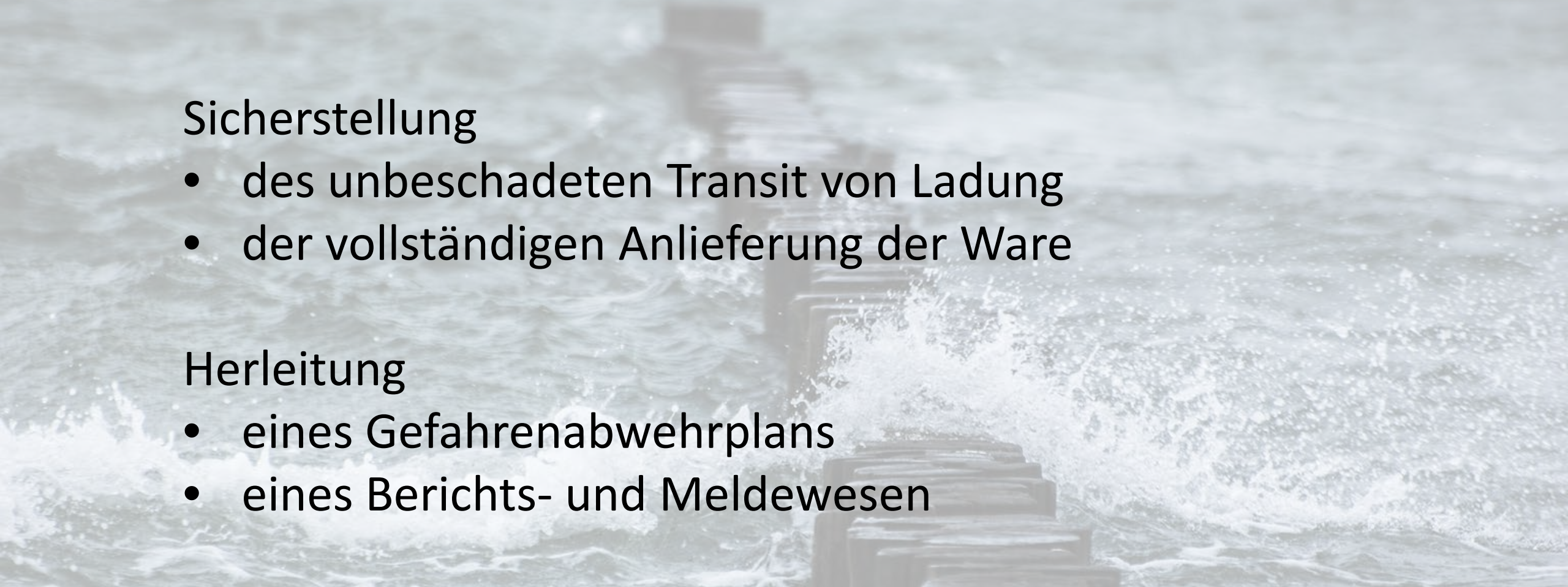
UNSERE VISION





Polyol Anlagenneubau für MOL in Tiszaújváros (HUN)

UNSER DONAU-PROJEKT



Sicherstellung

- des unbeschadeten Transit von Ladung
- der vollständigen Anlieferung der Ware

Herleitung

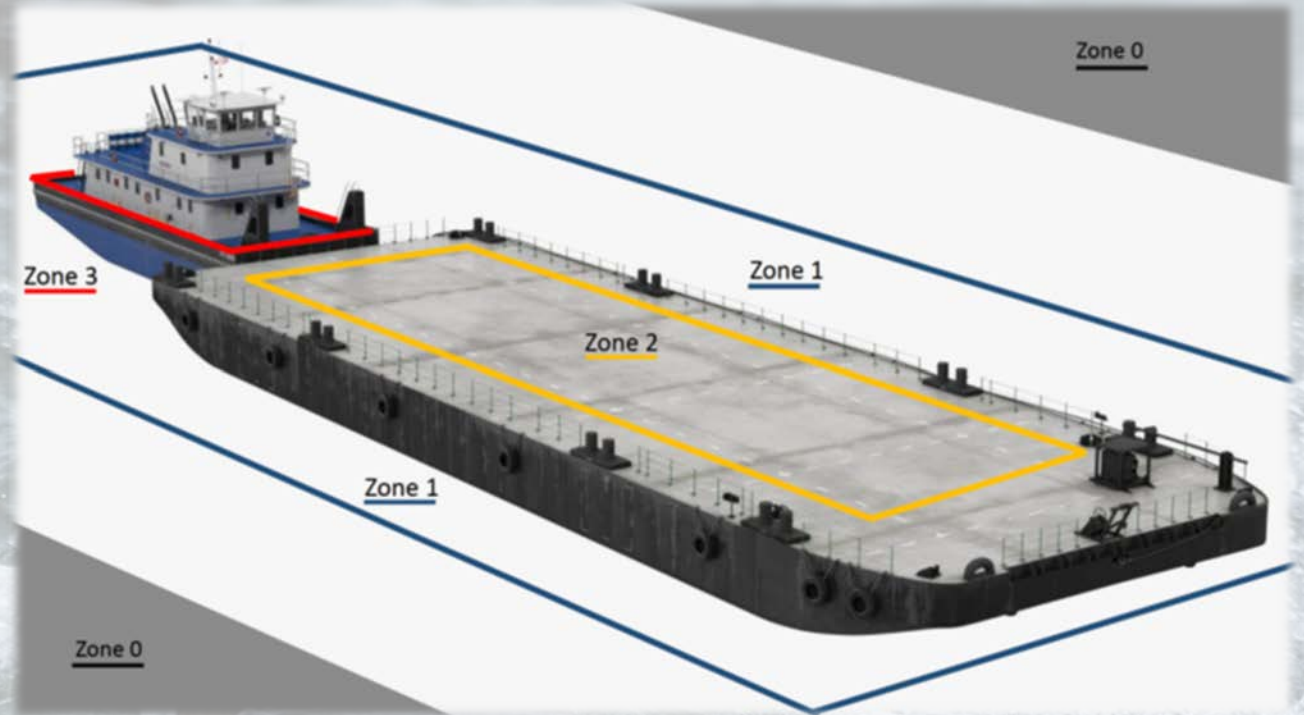
- eines Gefahrenabwehrplans
- eines Berichts- und Meldewesen

Sichere Vertragserfüllung durch Gefahrenabwehr

UNSER AUFTRAG

Im Verband

RISIKOPROFIL



- Zone 0: Outdoor Zone
- Zone 1: Controlled Close Zone
- Zone 2: Internal Zone
- Zone 3: High-Security Zone

Im Transit

RISIKOPROFIL

↗ Wahrscheinlichkeit von Übergriffen ↗

wenn

↘ Geschwindigkeit des Verbands ↘

- Nautische Stopps

- Schleusen, Brücken, Bunkern auf Donau und Tisza

- Logistische Stopps

- Kettentransit auf Tisza

Risiko-Matrix (1/2)

ABSTRAKTE RISIKOBEWERTUNG

Risk Matrix KXEO-00461 Polyol MOL Security Concept						
Likelihood (L)						
Almost Certain	5	9	11	20	23	25
Likely	4	4	10	16	22	24
Possible	3	3	7	14	17	21
Unlikely	2	2	6	12	15	19
Rare	1	1	5	8	13	18
Consequences (C)		1	2	3	4	5
		Negligible	Minor	Moderate	Major	Catastrophic
Actual Risk Outcome Threat Level						
Risk 1 to 8		No further action is necessary				Low
Risk 9 to 17		Planning of countermeasures				Medium
Risk 18 to 25		Intensive planning to reduce risk through combined security measures				High
Risk Likelihood						
5 - Almost Certain		Occurs often - Damage will take place				
4 - Likely		Occurrence of damage is more probably then it's absence				
3 - Possible		Occurrence of damage is more probably then it's absence				
2 - Unlikely		The absence of damage is more probably then it's occurrence				
1 -Rare		There is every likelihood that there will be no damage				
Consequences Risk Scale						
5- Catastrophic						
4- Major						
3 - Moderate						
2 - Minor						
1- Negligible						

No.	Threat	Risk			DIM	Threat Level	LBT	Risk Level (Weighted Risk)
		L	C	RS				
1	Unauthorised Access during Loading	3	3	14	Information	High	Loading / Unloading	19
2	Unauthorised Access during Bunkering	3	3	14	Information	High	Bunkering	21
3	Unauthorised Access during Transit	2	4	15	Management	Normal	In Transit	15

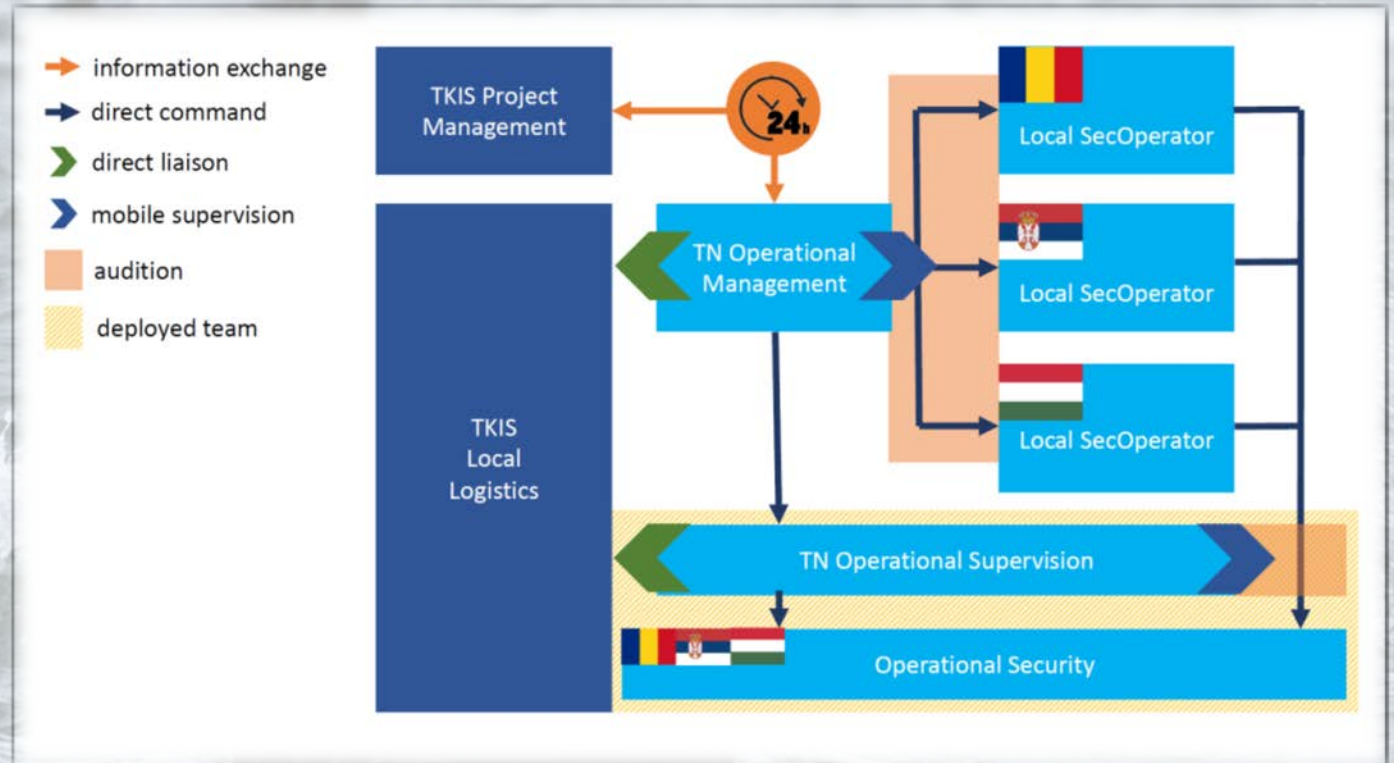
Risiko-Matrix (2/2)

ABSTRAKTE RISIKOBEWERTUNG

No.	Threat	Risk			DIM	Threat Level	LBT	Risk Level (Weighted Risk)
		L	C	RS				
1	Unauthorised Access during Loading	3	3	14	Information	High	Loading / Unloading	19
2	Unauthorised Access during Bunkering	3	3	14	Information	High	Bunkering	21
3	Unauthorised Access during Transit	2	4	15	Management	Normal	in Transit	15
4	Theft during Transit	1	2	5	Design	Normal	in Transit	5
5	Theft during Loading / Unloading	3	3	14	Design	Normal	Loading / Unloading	15
6	Theft during Bunkering	3	3	14	Design	High	Bunkering	21
7	Assault during non-movement	1	3	8	Management	High	Bunkering	12
8	Assault during Transit	1	4	13	Management	High	in Transit	16
9	Risks due to chokepoints	3	4	17	Management	High	in Transit	21
10	Risk of Fire / non-movement	2	5	19	Design	High	Loading / Unloading	26
11	Risk of Fire / in Transit	2	5	19	Information	Very High	in Transit	29
12	Weather Hazards	3	4	17	Design	Normal	in Transit	17
13	Ship's Engine Manipulation	1	4	13	Design	Low	Loading / Unloading	11
14	Ship's Propeller Manipulation	1	4	13	Management	Low	Loading / Unloading	11
15	Cargo-Manipulation	3	4	17	Information	High	in Transit	21
16	Illegitim Administration Acts	2	3	12	Management	Normal	in Transit	12
17	Acts of Vandalism	2	3	12	Management	Normal	Loading / Unloading	13

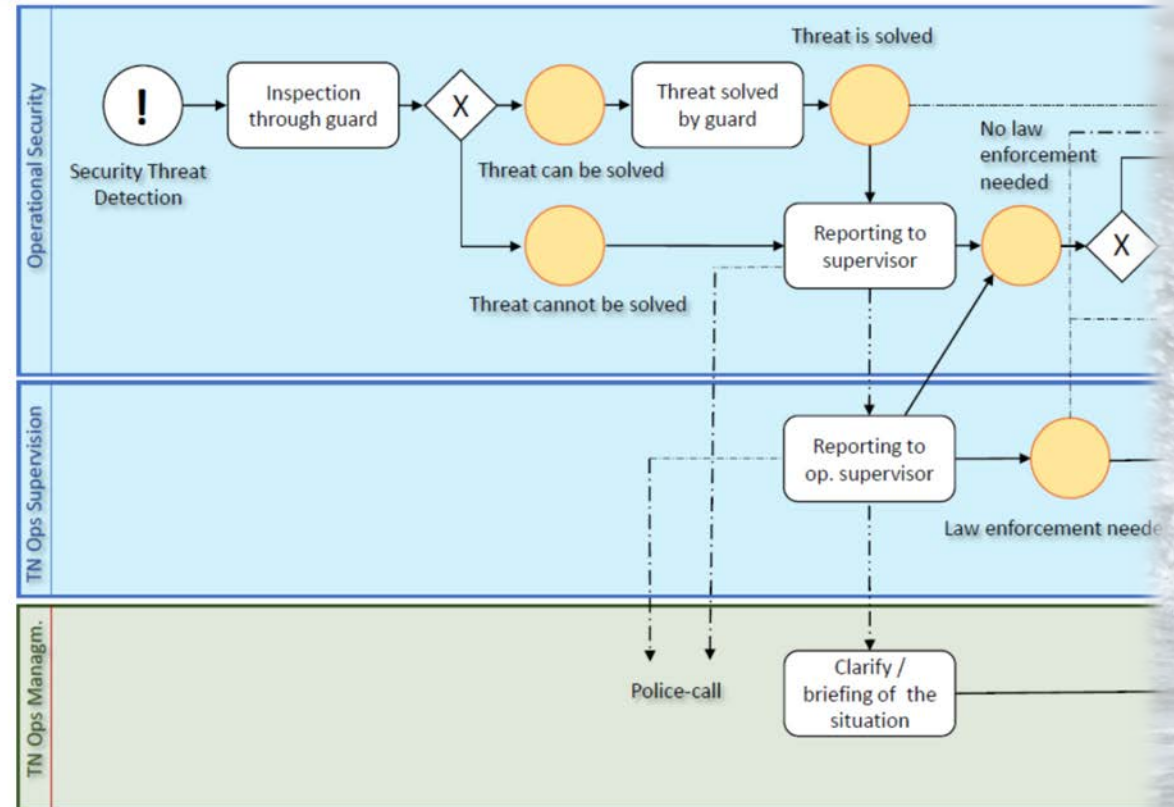
Kommunikation

SICHERHEITSKONZEPTION



Gefahren- abwehrplan

SICHERHEITSKONZEPTION



Personal, Infrastruktur Information

SICHERHEITSMANAGEMENT

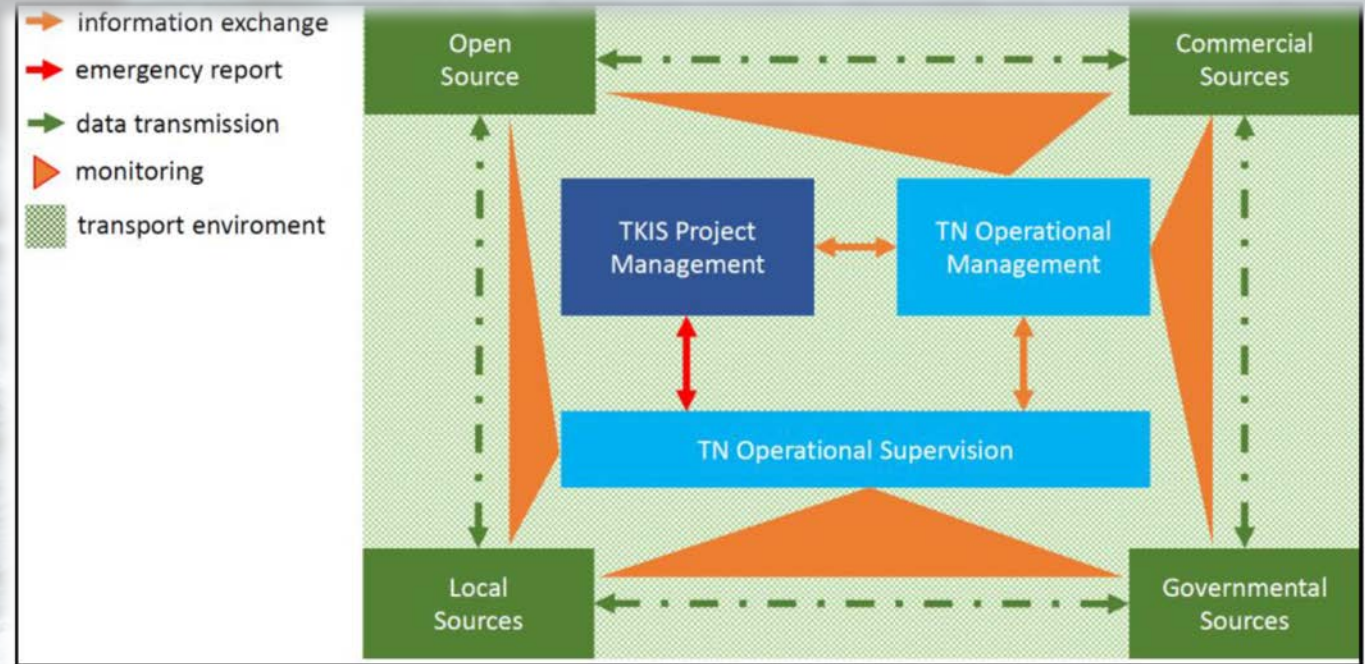
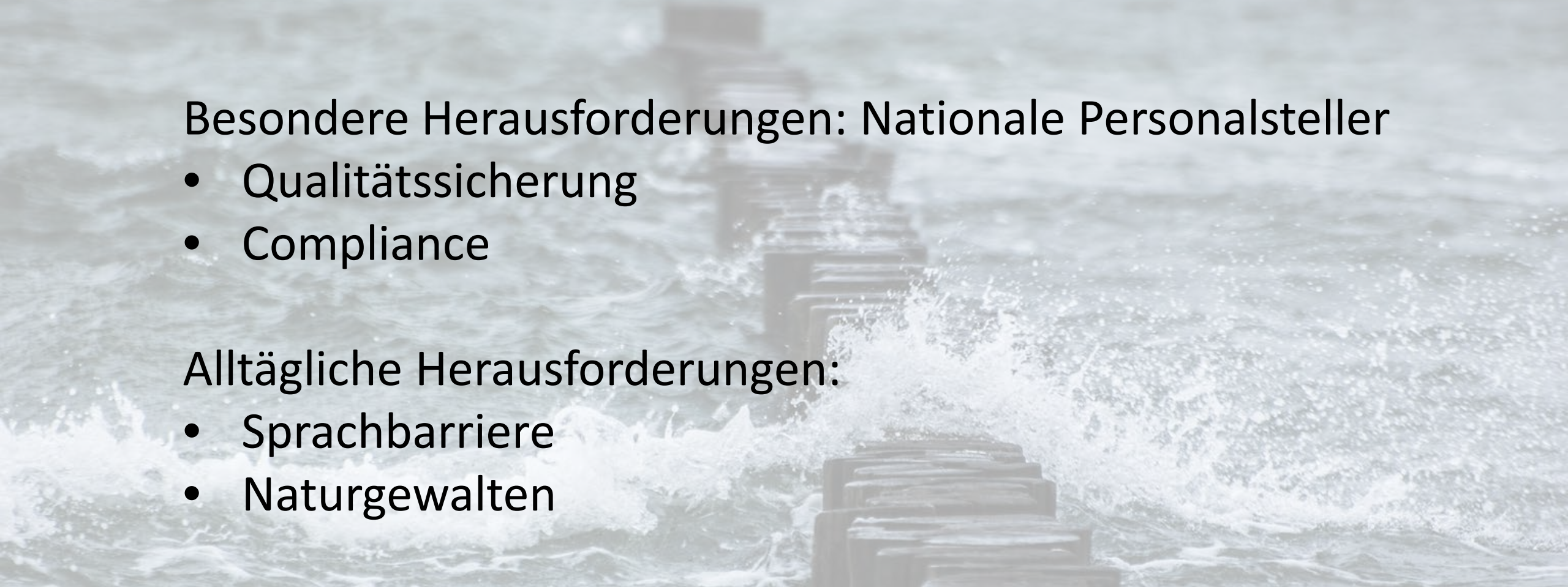


Chart 2: information gathering





Besondere Herausforderungen: Nationale Personalsteller

- Qualitätssicherung
- Compliance

Alltägliche Herausforderungen:

- Sprachbarriere
- Naturgewalten

Alltägliches und Besonderes

UNSER HERAUSFORDERUNGEN



management@tethys-naval.com

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TETHYS NAVAL GMBH & CO. KG
HAMBURG, GERMANY