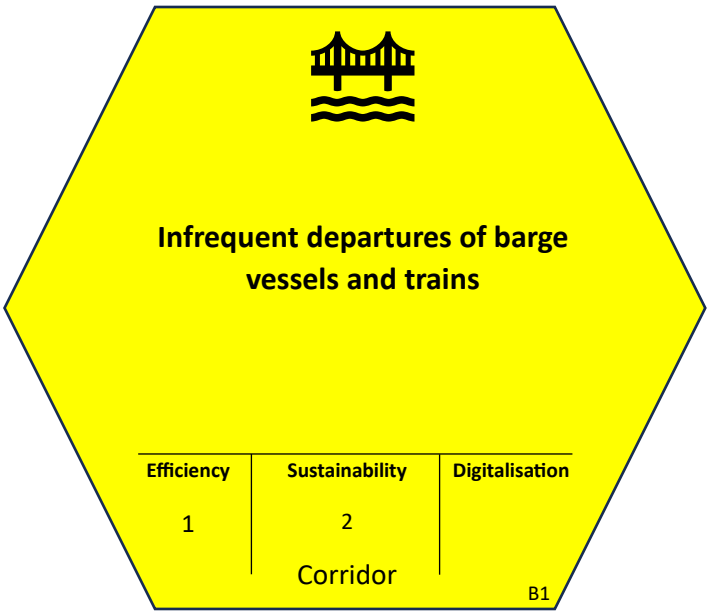
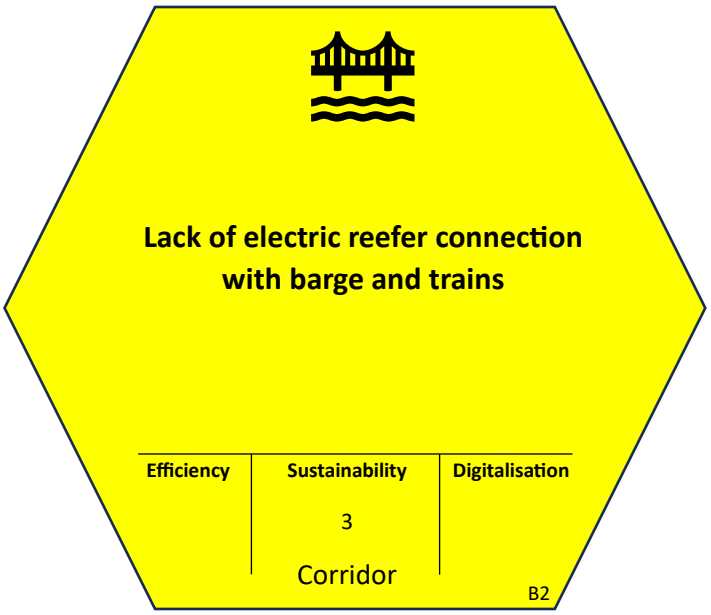
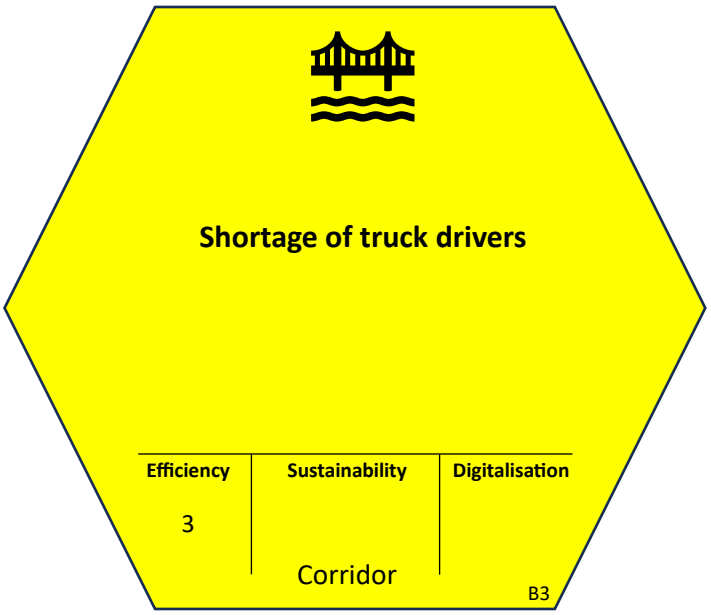
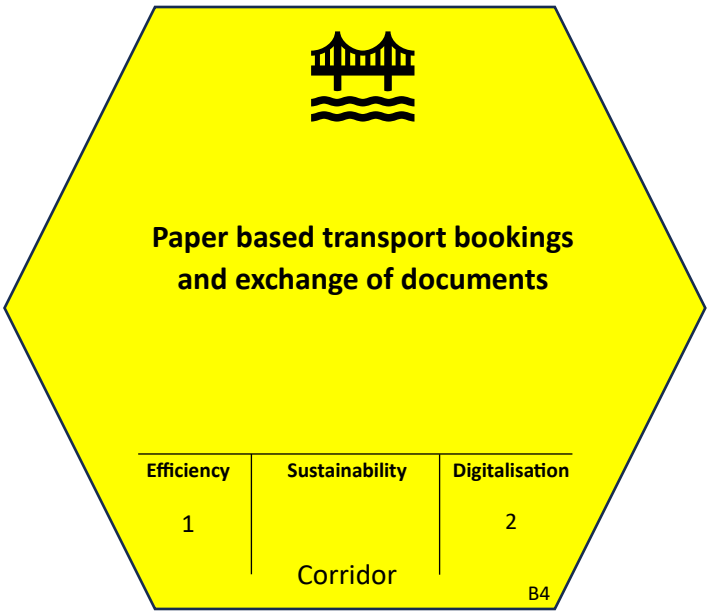
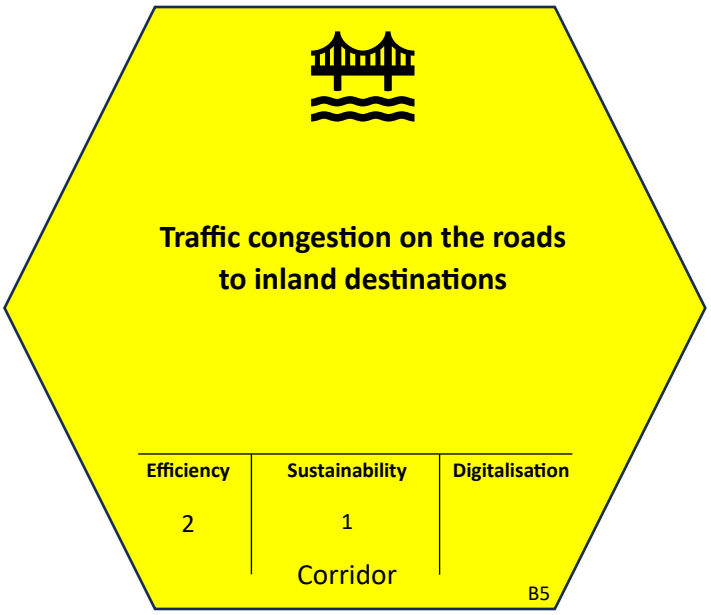
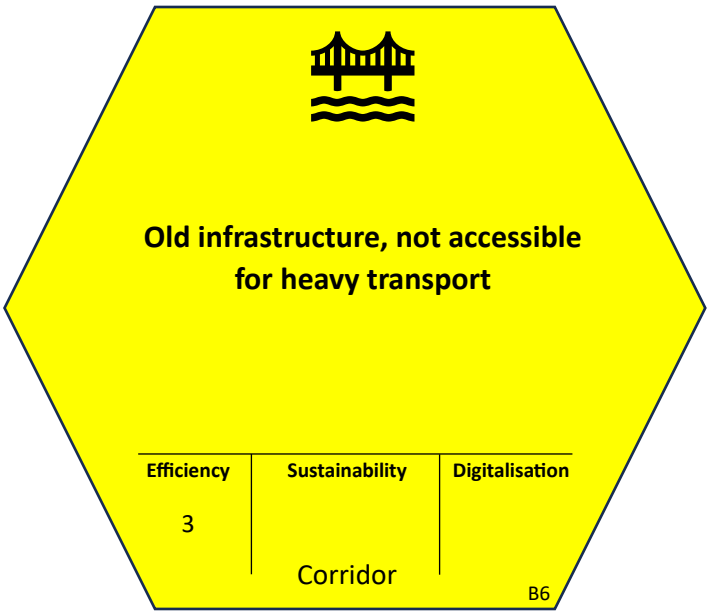

Infrequent departures of barge vessels and trains
Efficiency
Sustainability
Digitalisation
1
2
Corridor
B1

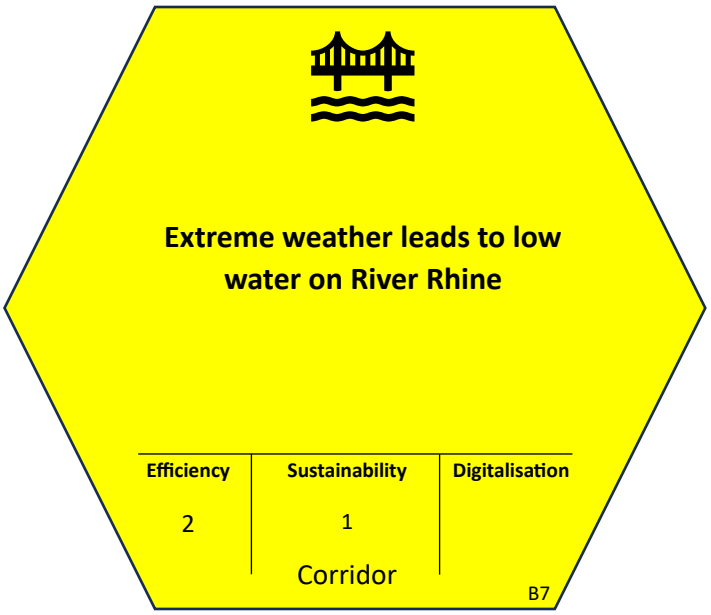

Lack of electric reefer connection
with barge and trains
Efficiency
Sustainability
3
Digitalisation
Corridor
B2


Shortage of truck drivers
Efficiency
Sustainability
Digitalisation
3
Corridor
B3


Paper based transport bookings
and exchange of documents
Efficiency
Sustainability
Digitalisation
1
2
Corridor
B4


Traffic congestion on the roads
to inland destinations
Efficiency
2
Sustainability
1
Digitalisation
Corridor
B5


Old infrastructure, not accessible for heavy transport
Efficiency
3
Sustainability
Digitalisation
Corridor
B6

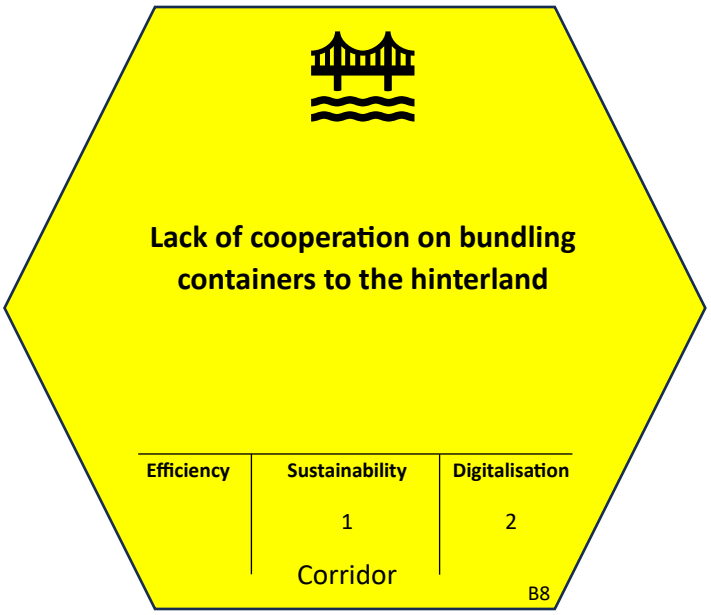


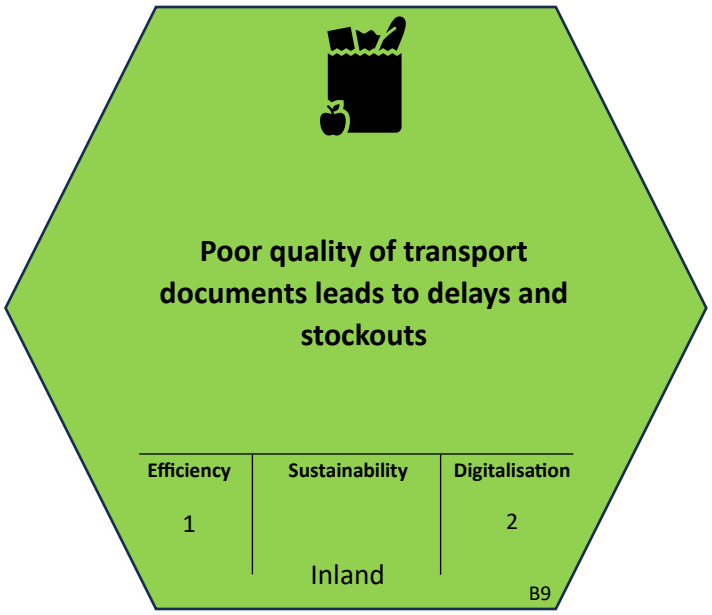
Extreme weather leads to low water on River Rhine

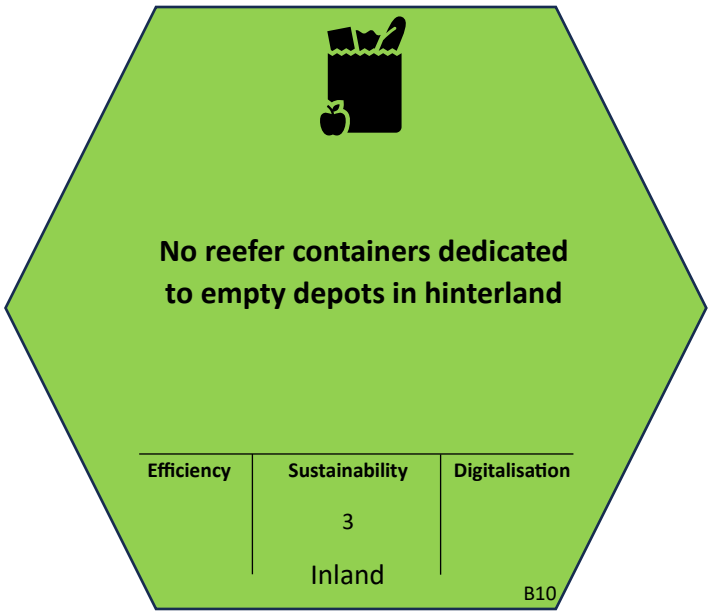
Efficiency	Sustainability	Digitalisation
2	1	

Corridor

B7


Lack of cooperation on bundling containers to the hinterland
Efficiency
Sustainability
1
Digitalisation
2
Corridor
B8


Poor quality of transport documents leads to delays and stockouts
Efficiency
Sustainability
Digitalisation
1
2
Inland
B9



No reefer containers dedicated to empty depots in hinterland

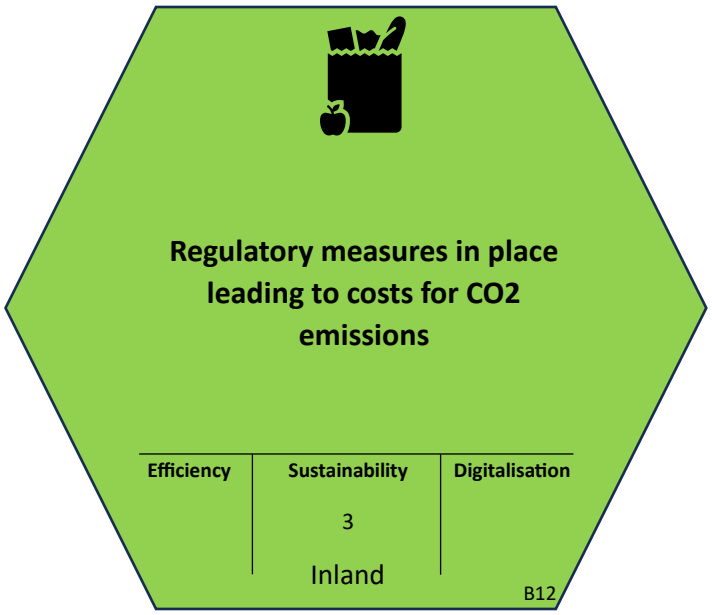
Efficiency	Sustainability	Digitalisation
	3	
	Inland	

B10

Zero emission zones in cities, shortage of zero emission trucks and charging facilities

Efficiency	Sustainability	Digitalisation
	3	
	Inland	

B11

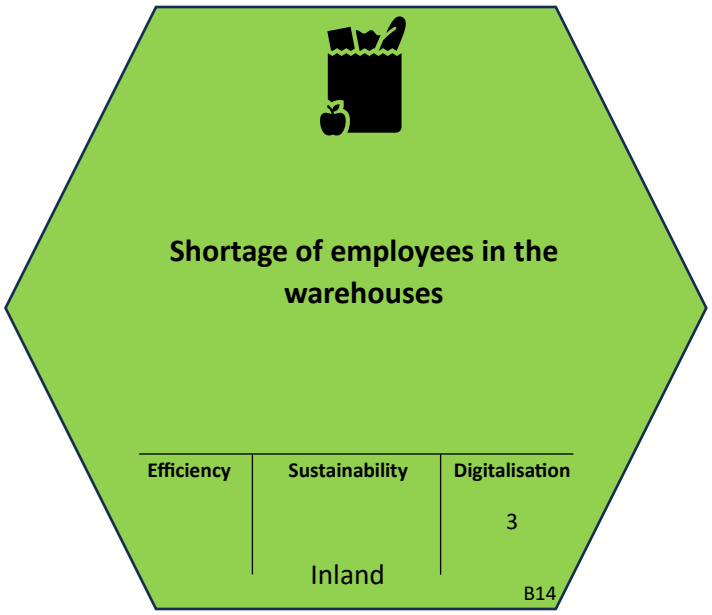

Regulatory measures in place leading to costs for CO2 emissions
Efficiency
Sustainability
Digitalisation
3
Inland
B12

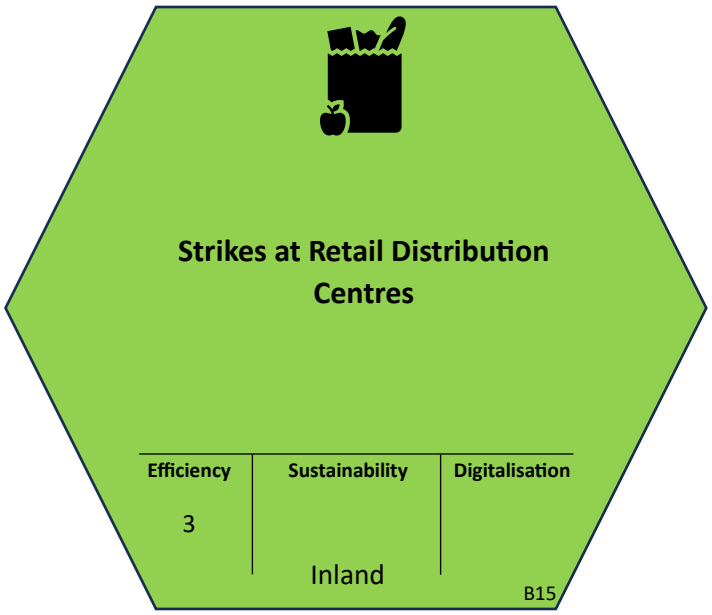
War risk increases due to Russian invasion

Efficiency	Sustainability	Digitalisation
3		

Inland

B13


Shortage of employees in the warehouses
Efficiency
Sustainability
Digitalisation
3
Inland
B14

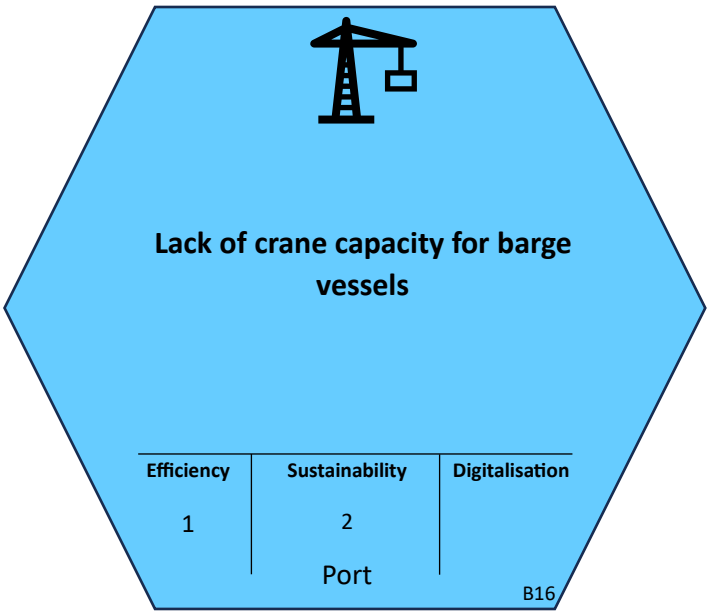


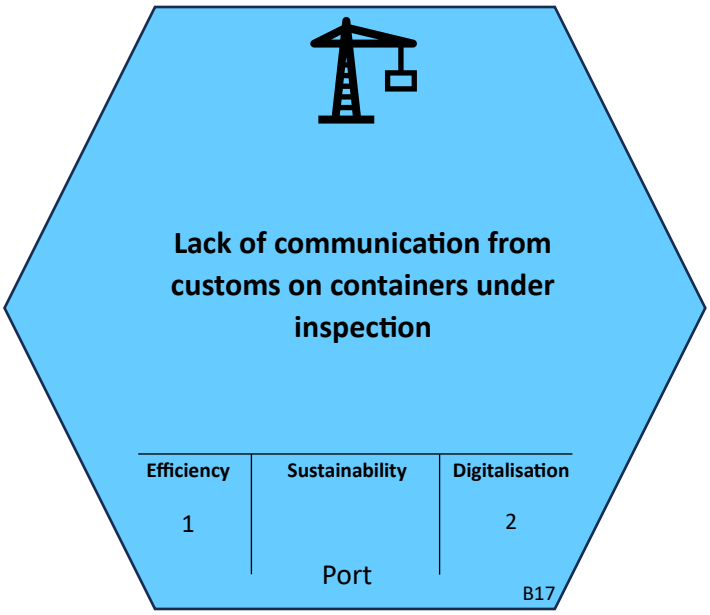
Strikes at Retail Distribution Centres

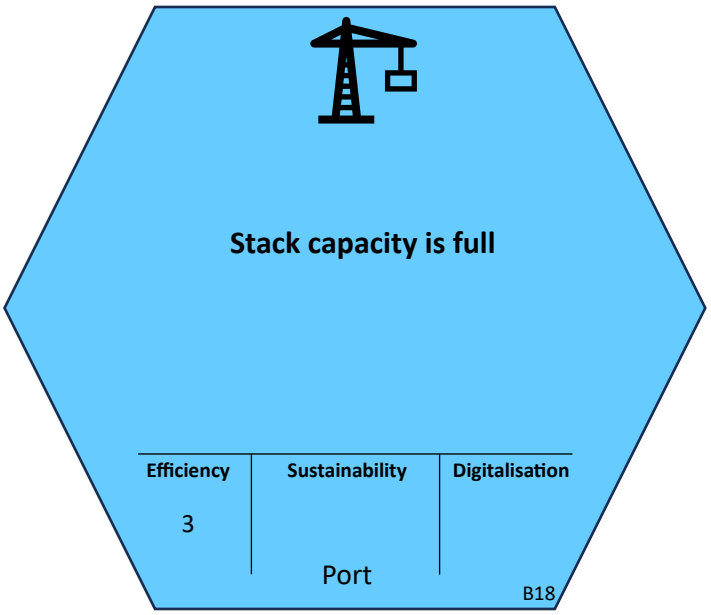
Efficiency	Sustainability	Digitalisation
3		

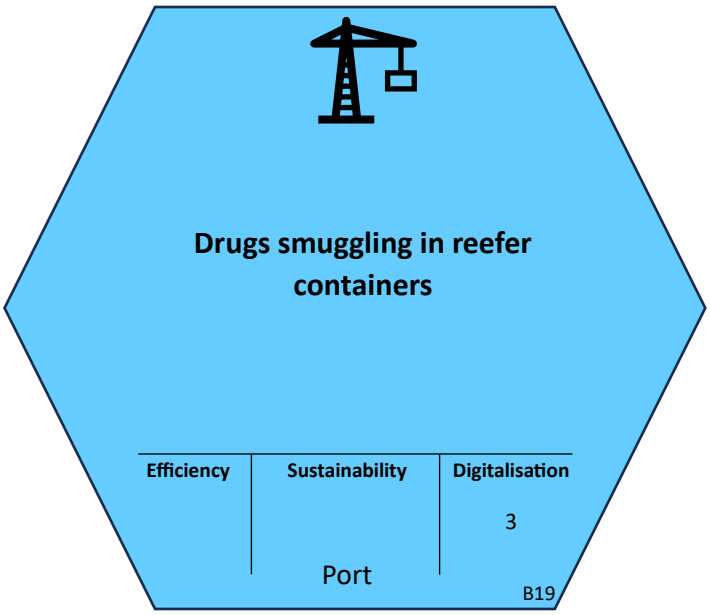
Inland

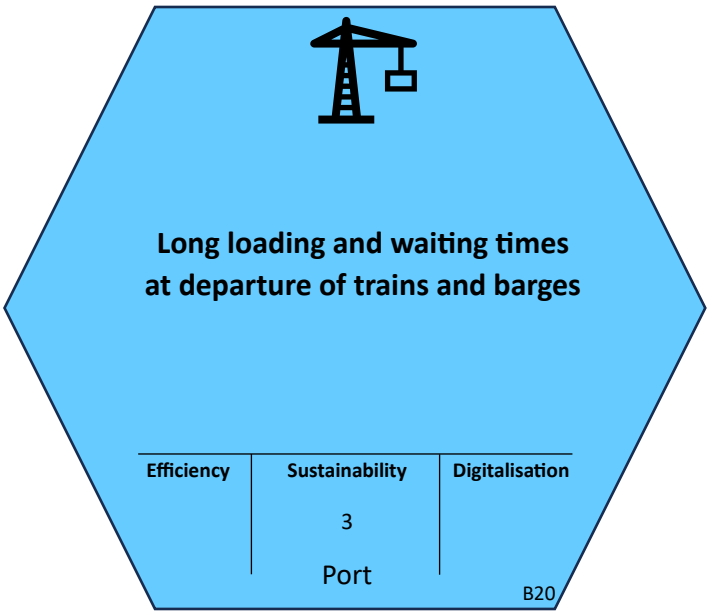
B15

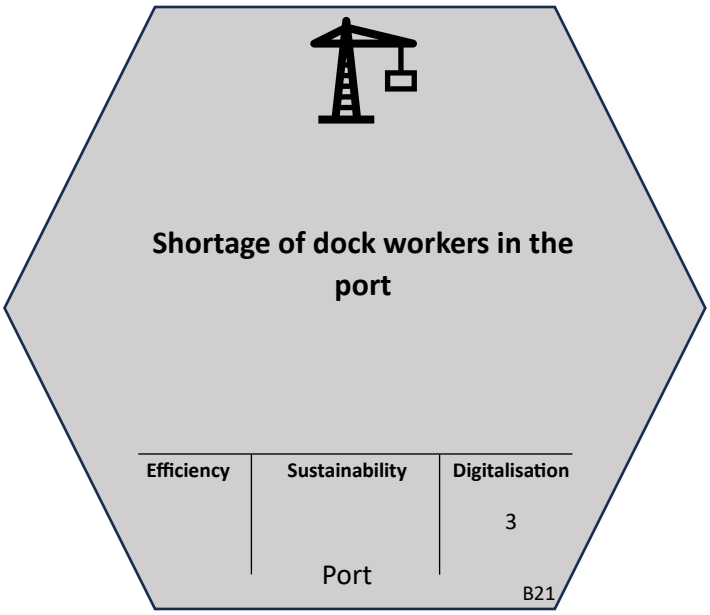

Lack of crane capacity for barge vessels
Efficiency
1
Sustainability
2
Digitalisation
Port
B16

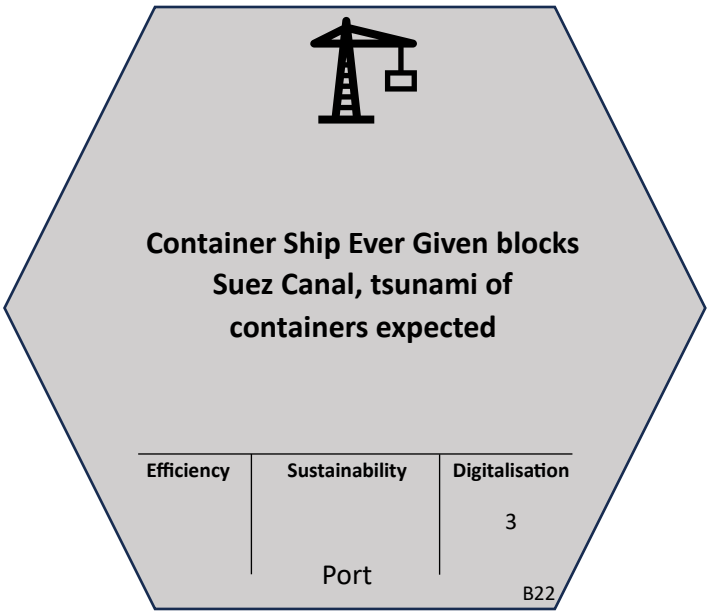

Lack of communication from customs on containers under inspection
Efficiency
Sustainability
Digitalisation
1
2
Port
B17

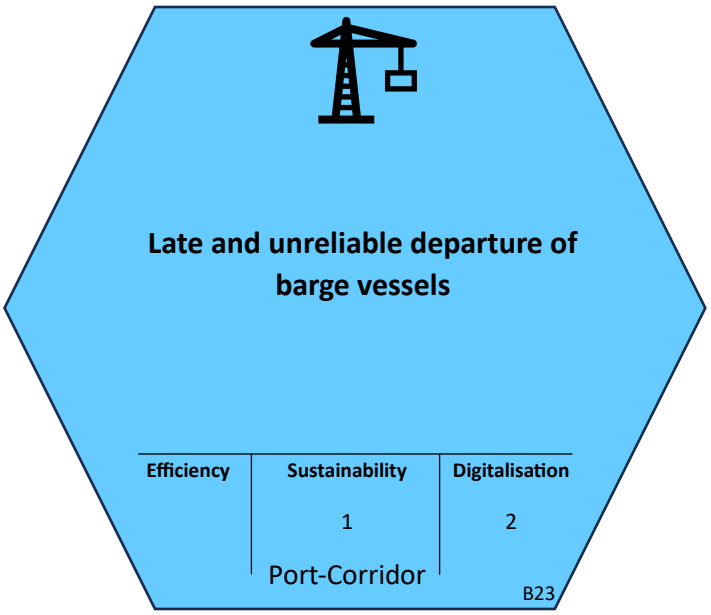

Stack capacity is full
Efficiency
3
Sustainability
Digitalisation
Port
B18

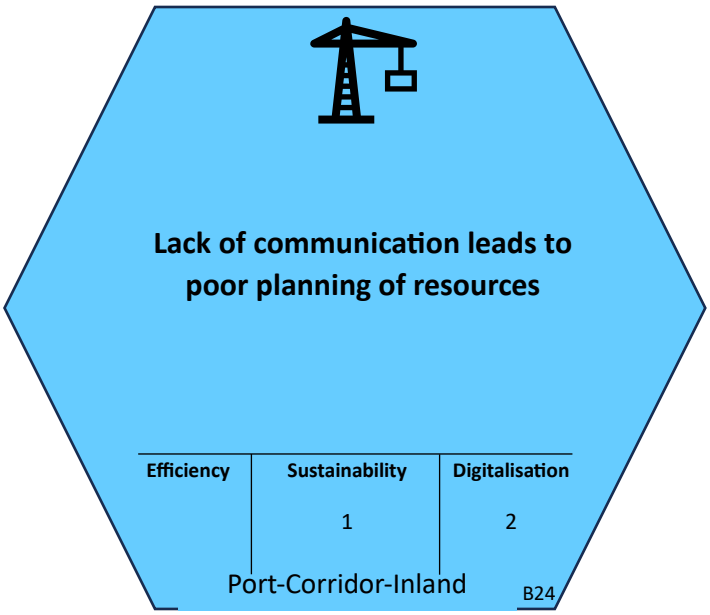

Drugs smuggling in reefer containers
Efficiency
Sustainability
Digitalisation
3
Port
B19


Long loading and waiting times
at departure of trains and barges
Efficiency
Sustainability
Digitalisation
3
Port
B20


Shortage of dock workers in the port
Efficiency
Sustainability
Digitalisation
3
Port
B21


Container Ship Ever Given blocks Suez Canal, tsunami of containers expected
Efficiency
Sustainability
Digitalisation
3
Port
B22


Late and unreliable departure of barge vessels
Efficiency
Sustainability
Digitalisation
1
2
Port-Corridor
B23


Lack of communication leads to poor planning of resources
Efficiency
Sustainability
1
Digitalisation
2
Port-Corridor-Inland
B24