



Busan port, Strengthens port sanitation and safety by introducing disinfection system



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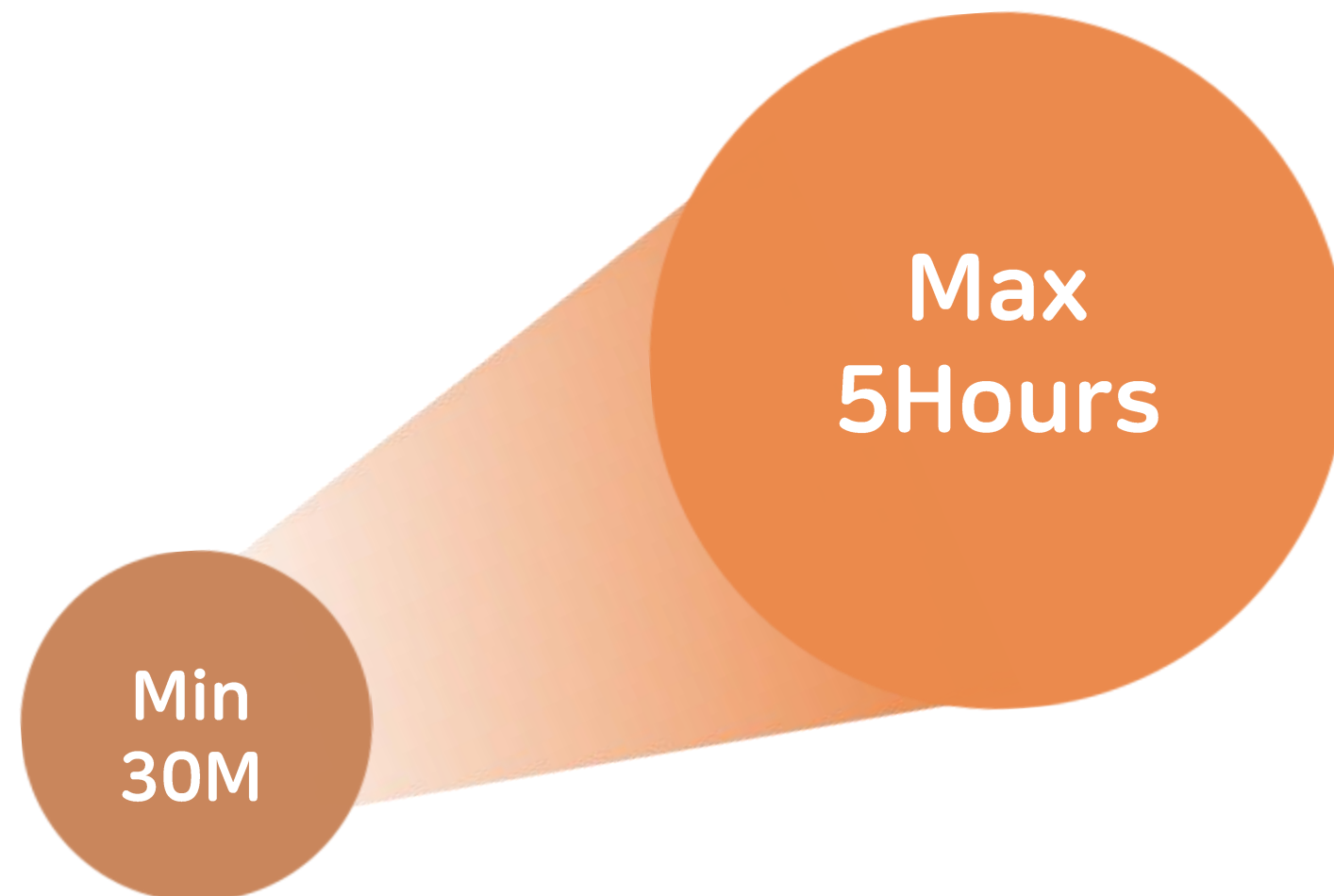
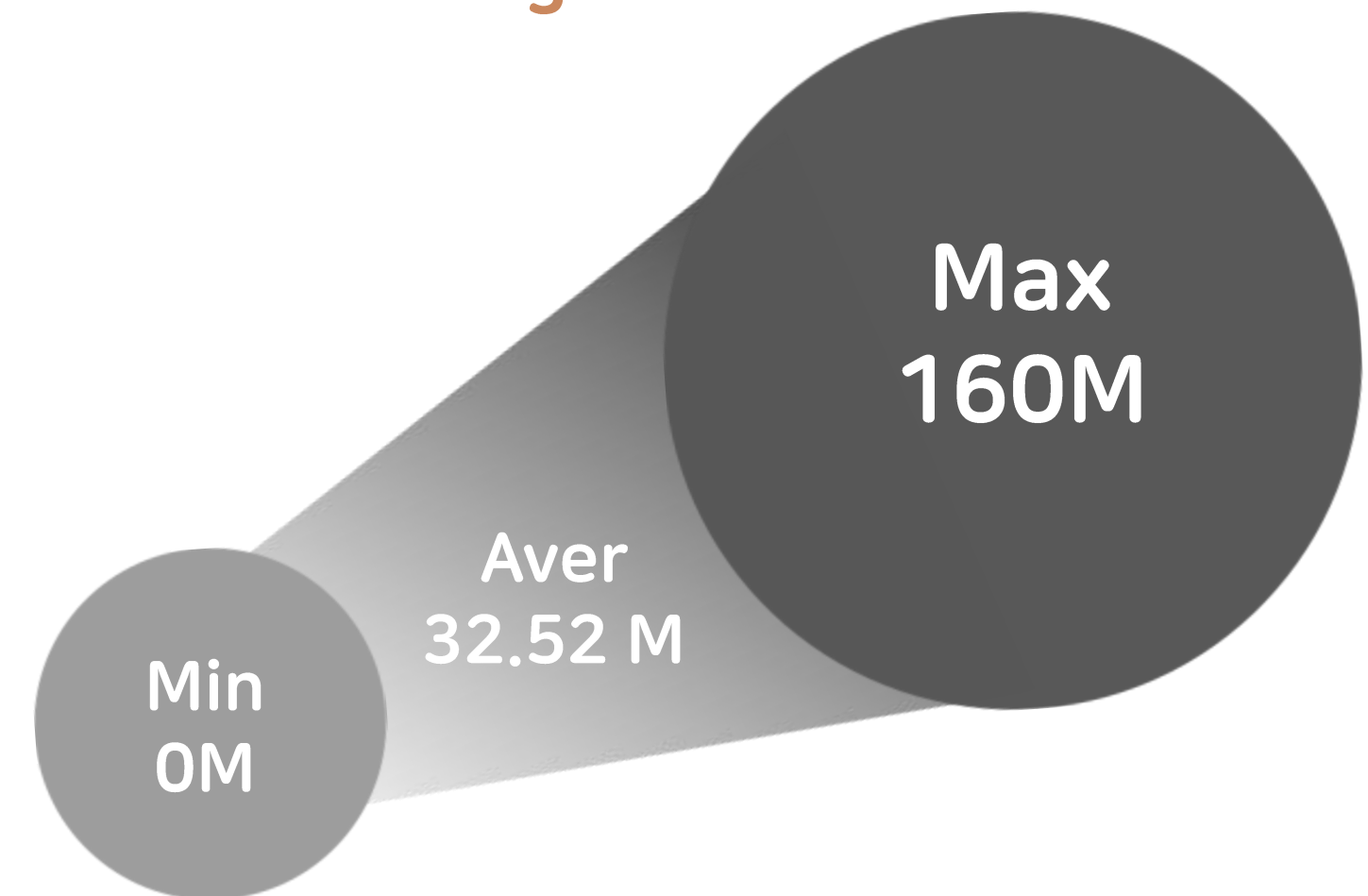
4 Q&A

STEP1. allotment of an empty container

Line payment for cleaning when contracting
Shipper-Shipping
Most of the containers actually received
are damaged containers

STEP2. empty container transportation

Empty container transportation
If the driver gives the shipper a damaged
container, request a replacement

Container replacement time**Container cleaning time**

**01**

Risk of viral infection
to products loaded
in the same containers

02

A case of red fire ants
native to South America
at a domestic port

**03**

Occurrence of cases
such as crashes

04

Unable to receive
compensation
in case of damage





01

If adequate disinfection is not performed after poultry is transported, the virus will not be eliminated



Risk of viral infection
to products loaded
in the same containers

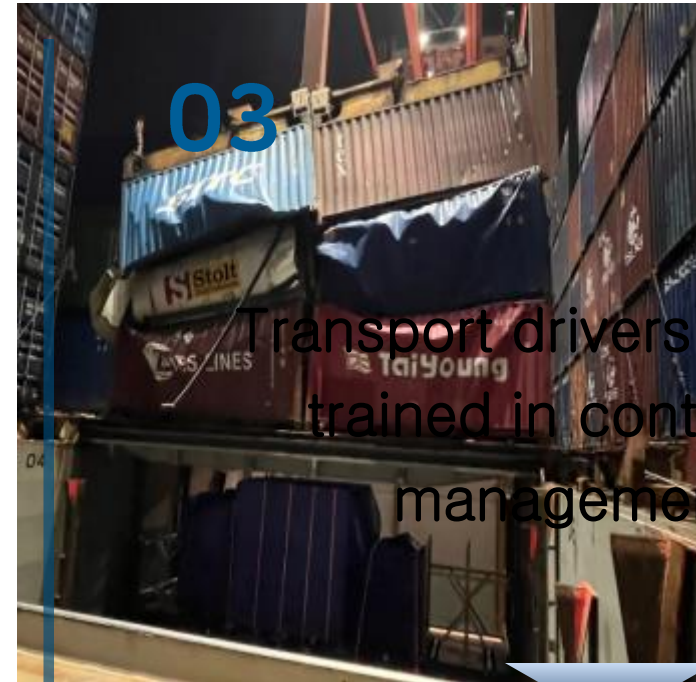
02

Damage containers pose a risk of introduction of foreign organisms and viruses



A case of red fire ants native to South America at a domestic port





03

Transport drivers are not
trained in container
management

Occurrence of cases
such as crashes

04

Container management is not
an official driver's job



Unable to receive
compensation in case of
damage



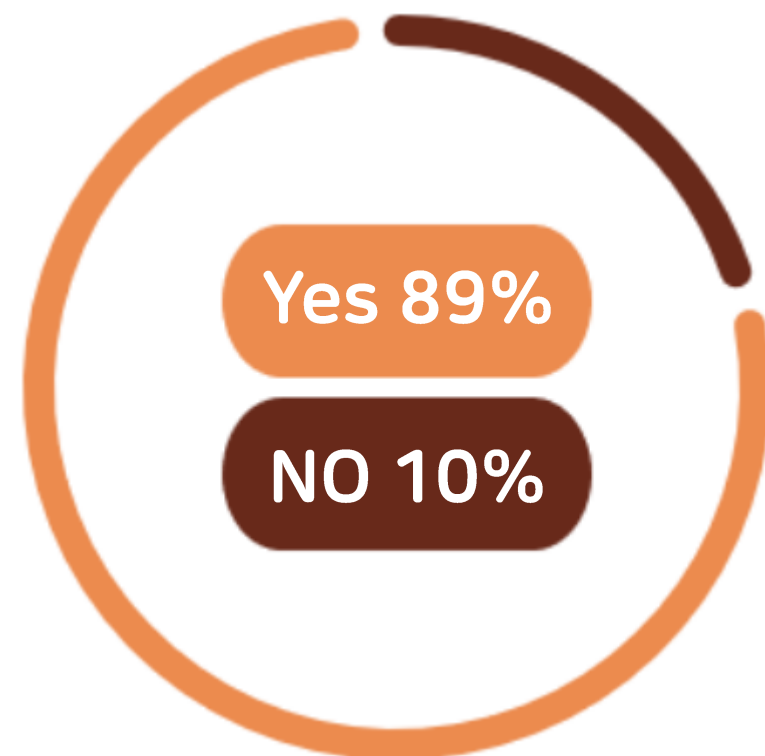
A Study on the Transition of Container Management to Drivers

68 Busan, 130 Pohang, and 112 Gwangyang were collected and analyzed for a total of 310 samples

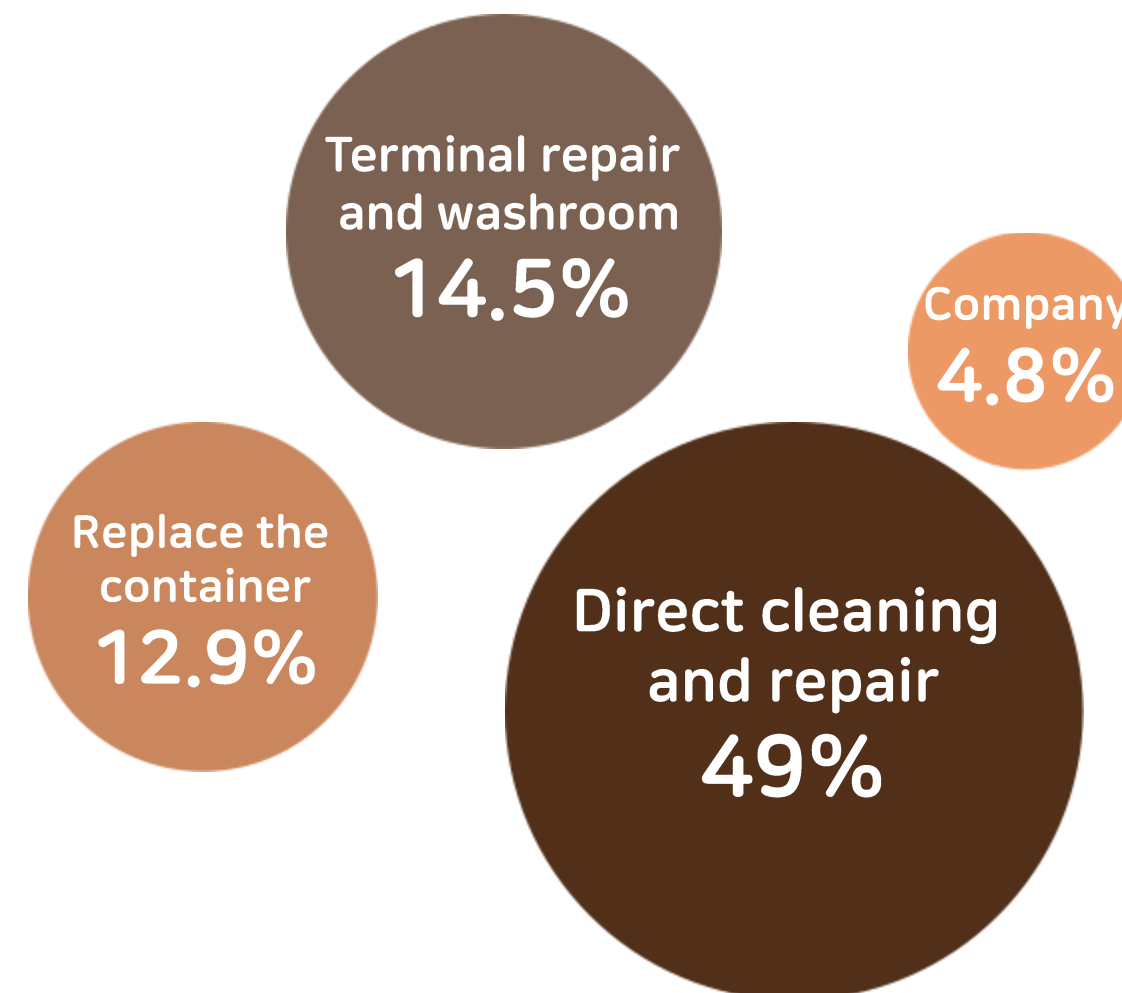
This is the distribution and collection of questionnaires from September 15, 2021 to November 1, 2021

(Source: Consideration of the issue of transfer of container management to drivers in inland transportation of containers. 이하연, 조찬혁)

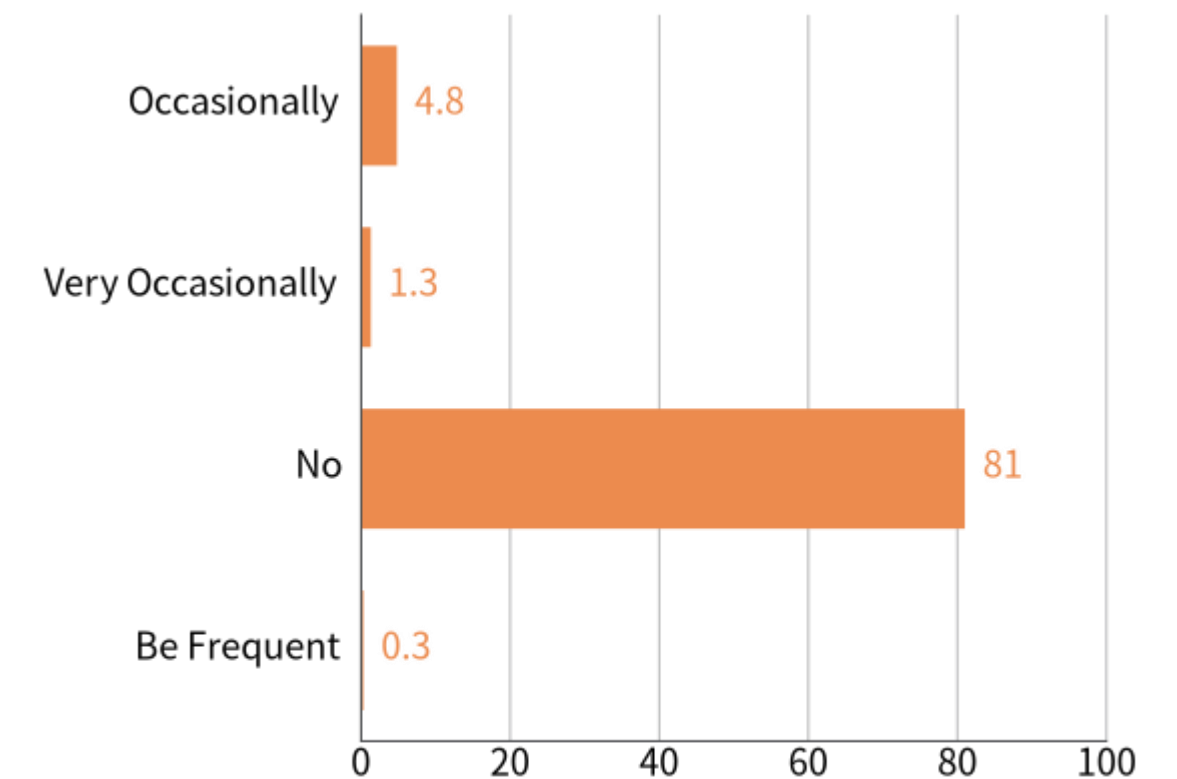
Experience transferring container management



Place to clean or repair damage containers



Compensation for container cleaning and repair



Busan Port, Empty Container Disinfection System's Strengths

First

Inefficient environmental
improvement of container clean



Second

improvement of the working
environment of workers



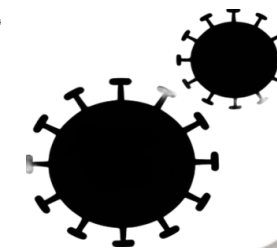
Third

prevention of ecosystem
destruction caused by the influx
of invasive species

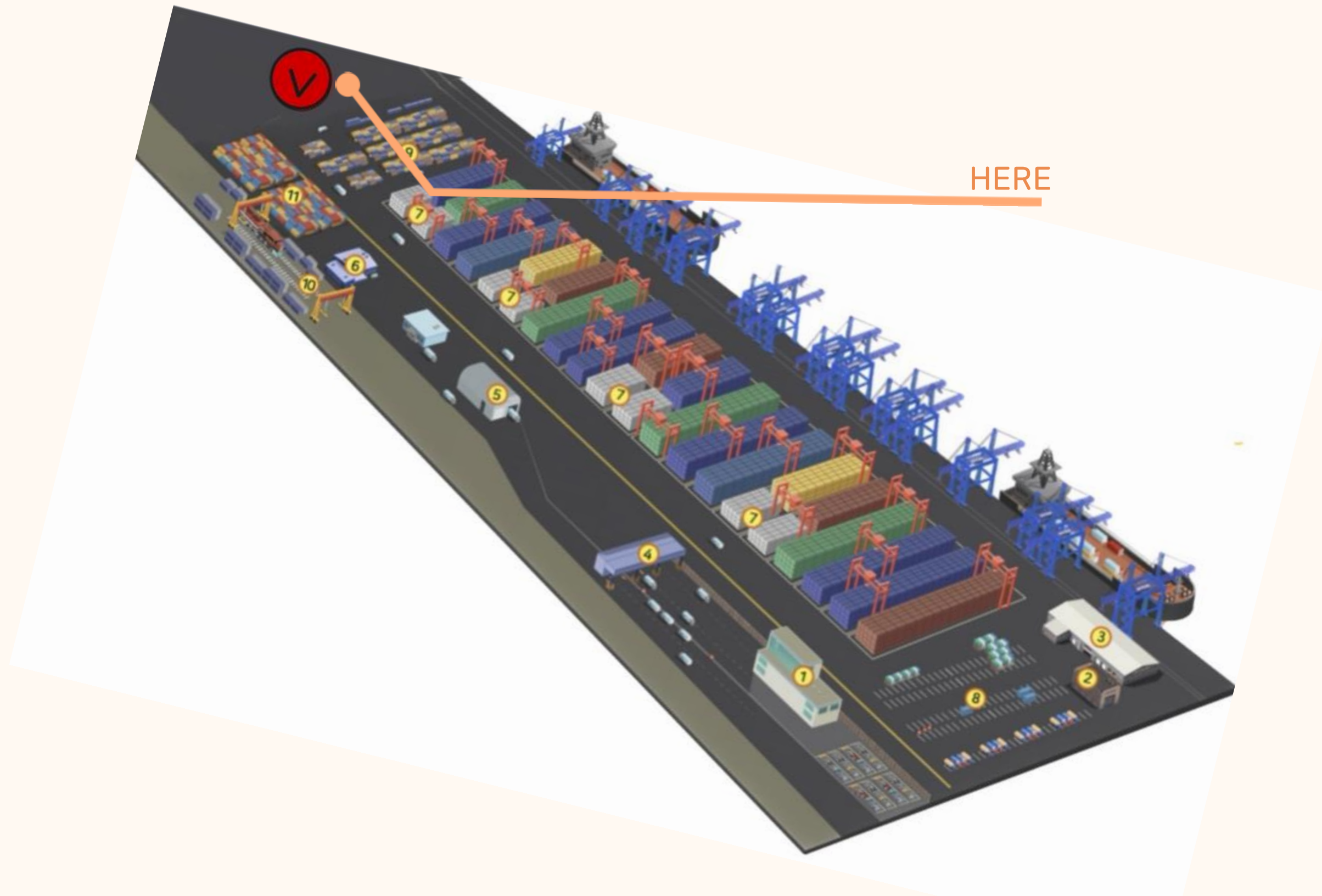


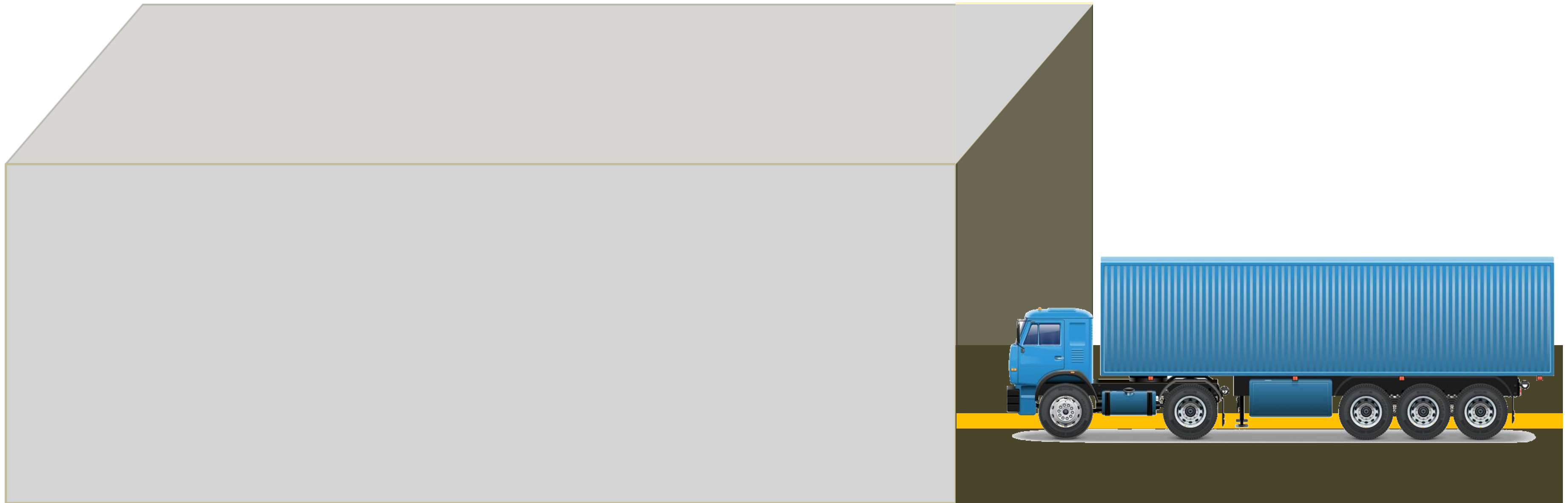
Fourth

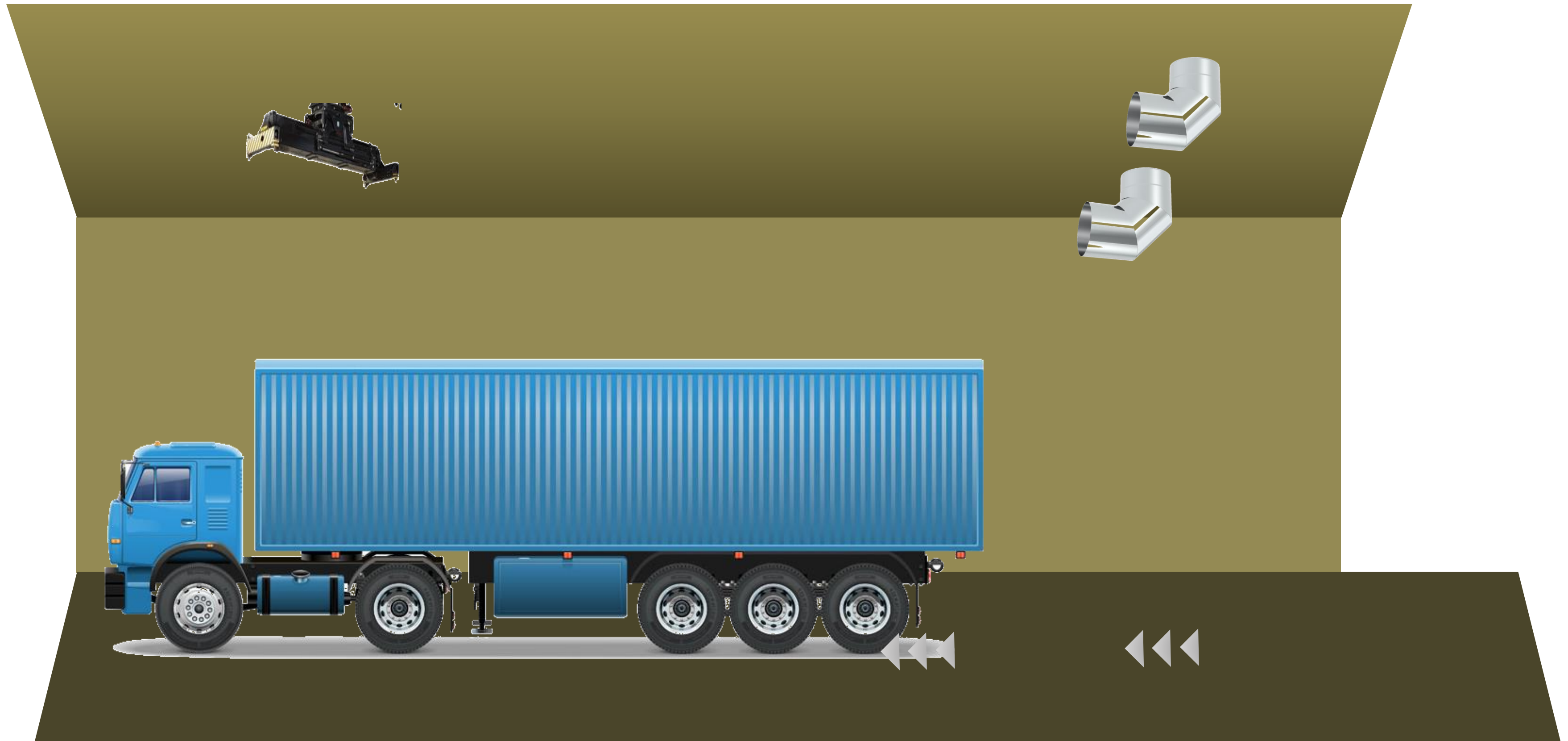
prevention of secondary
damage caused by the spread
of infectious diseases

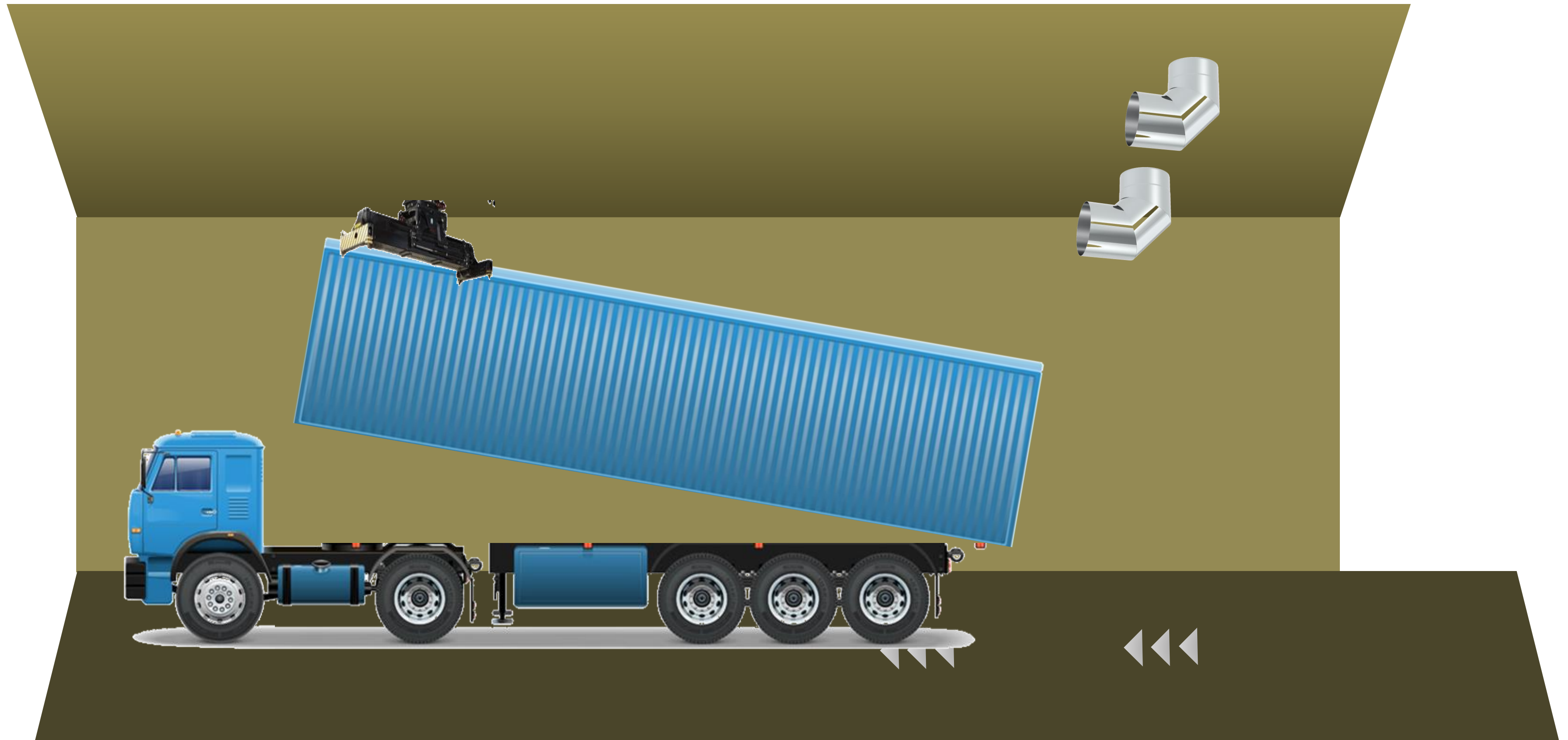


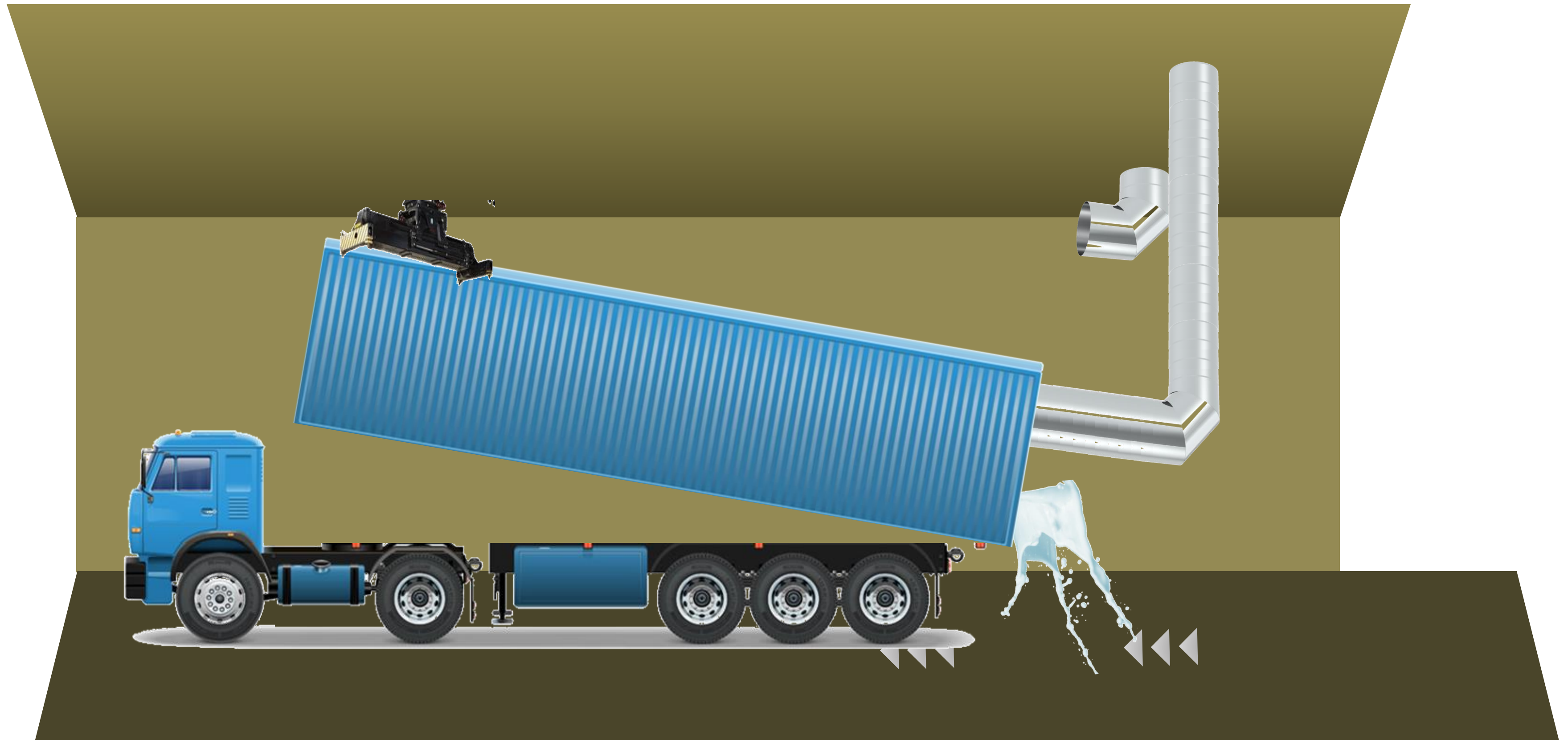
Place of installation of facilities

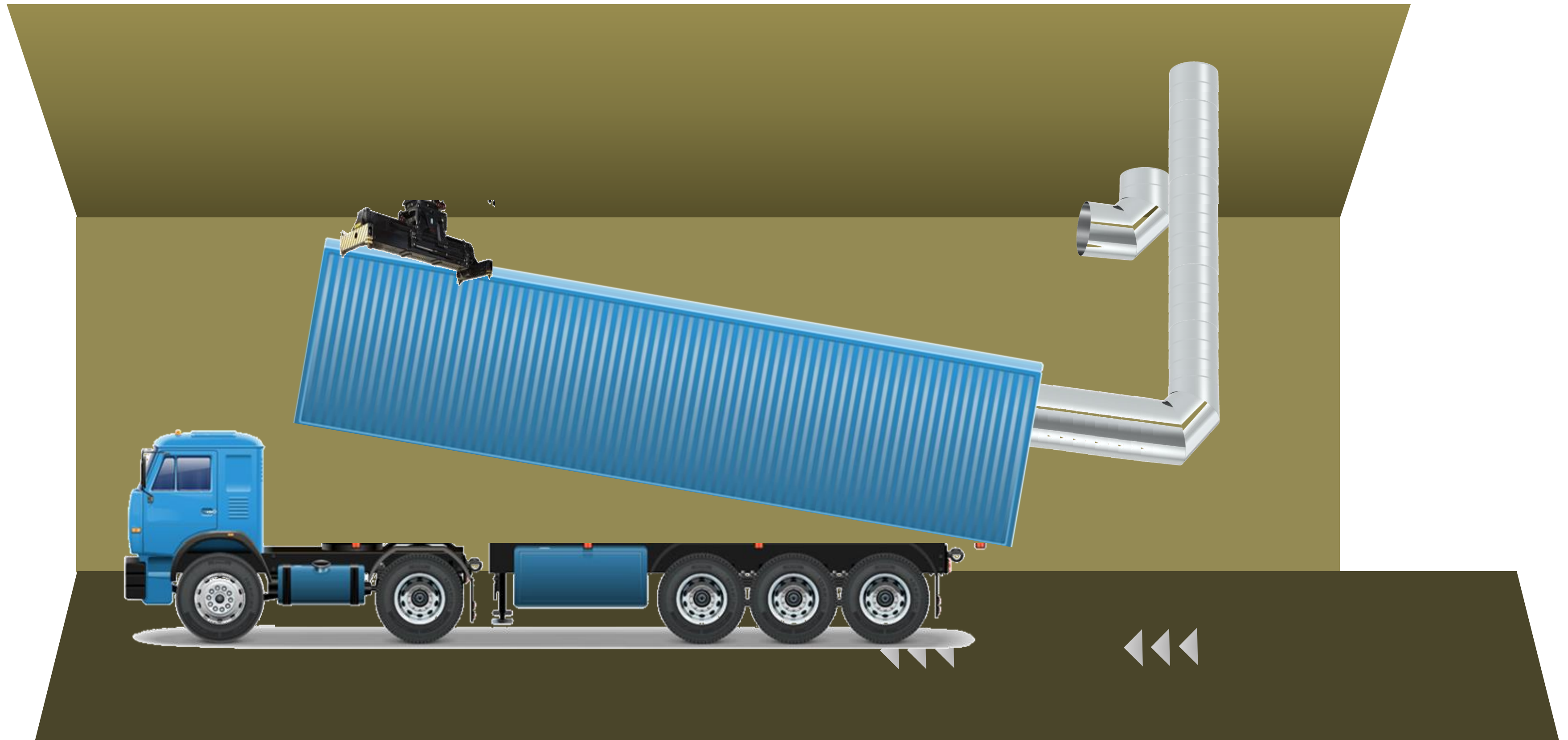


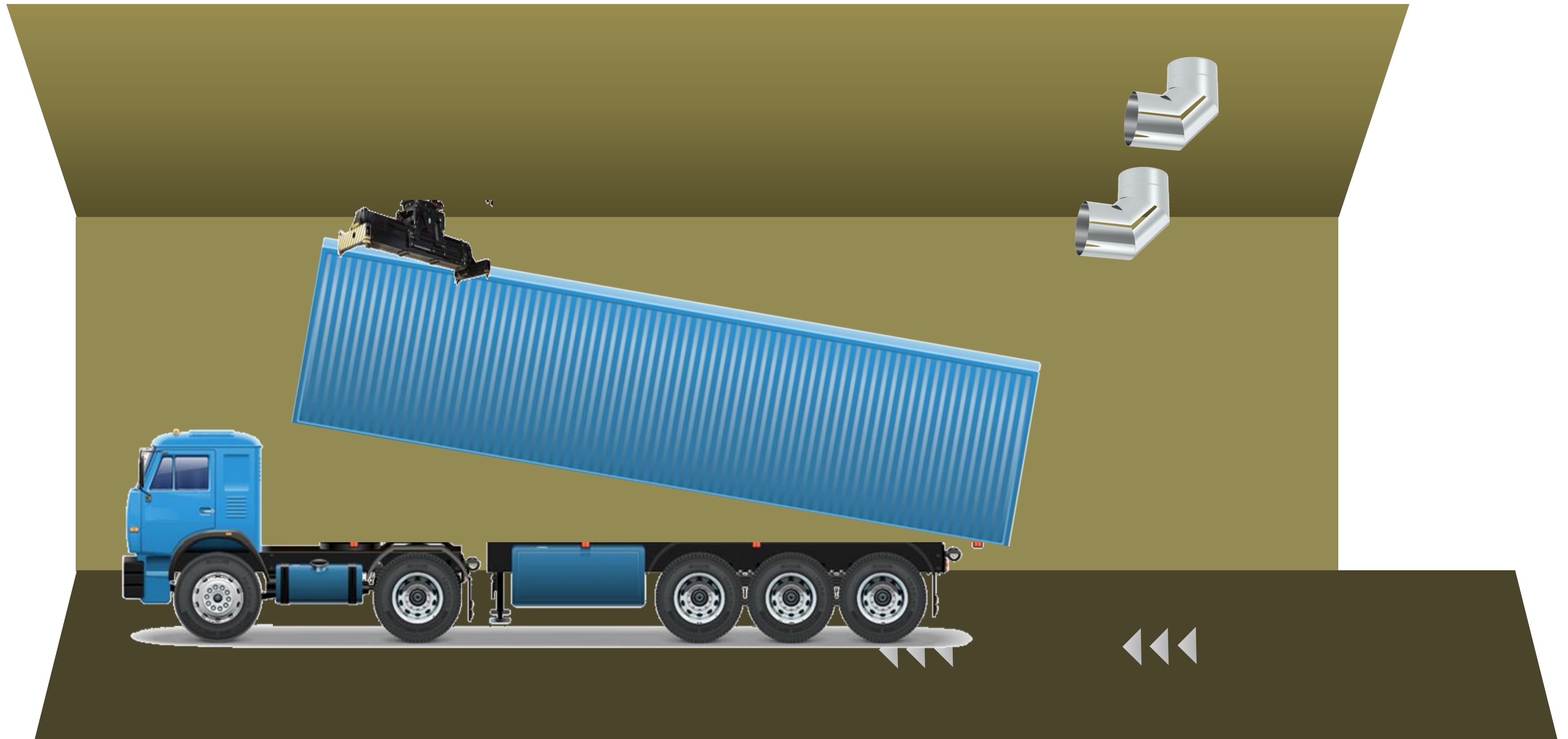


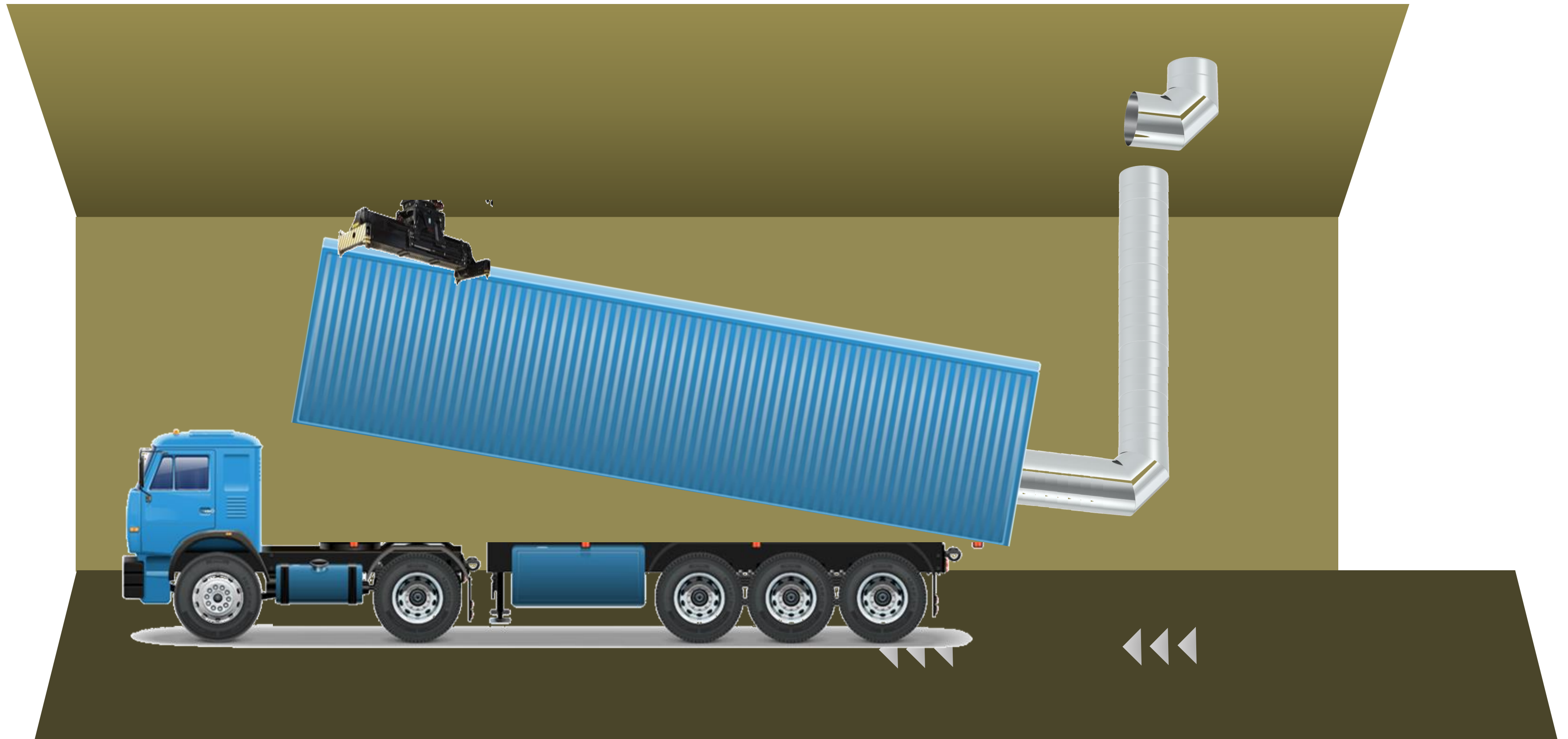


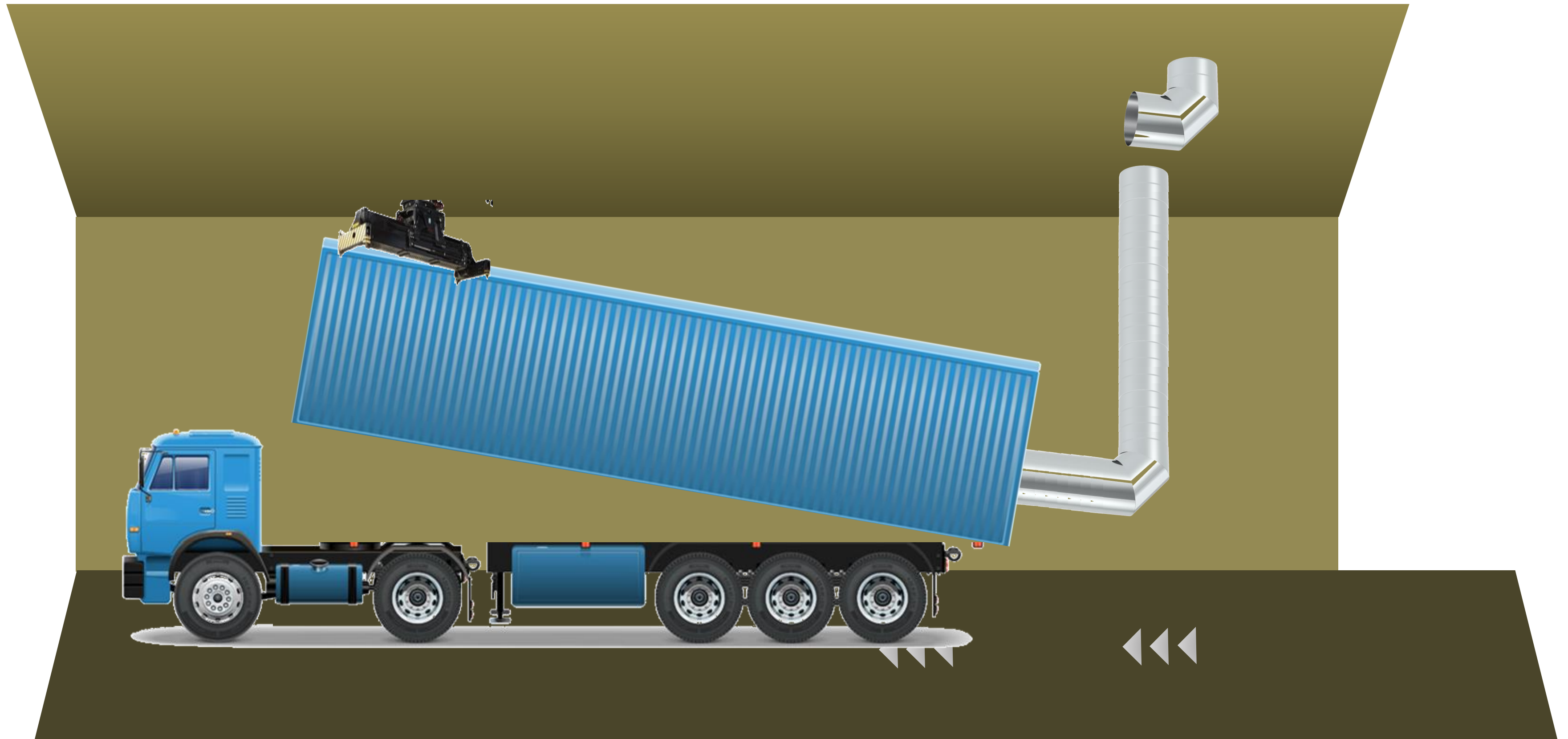


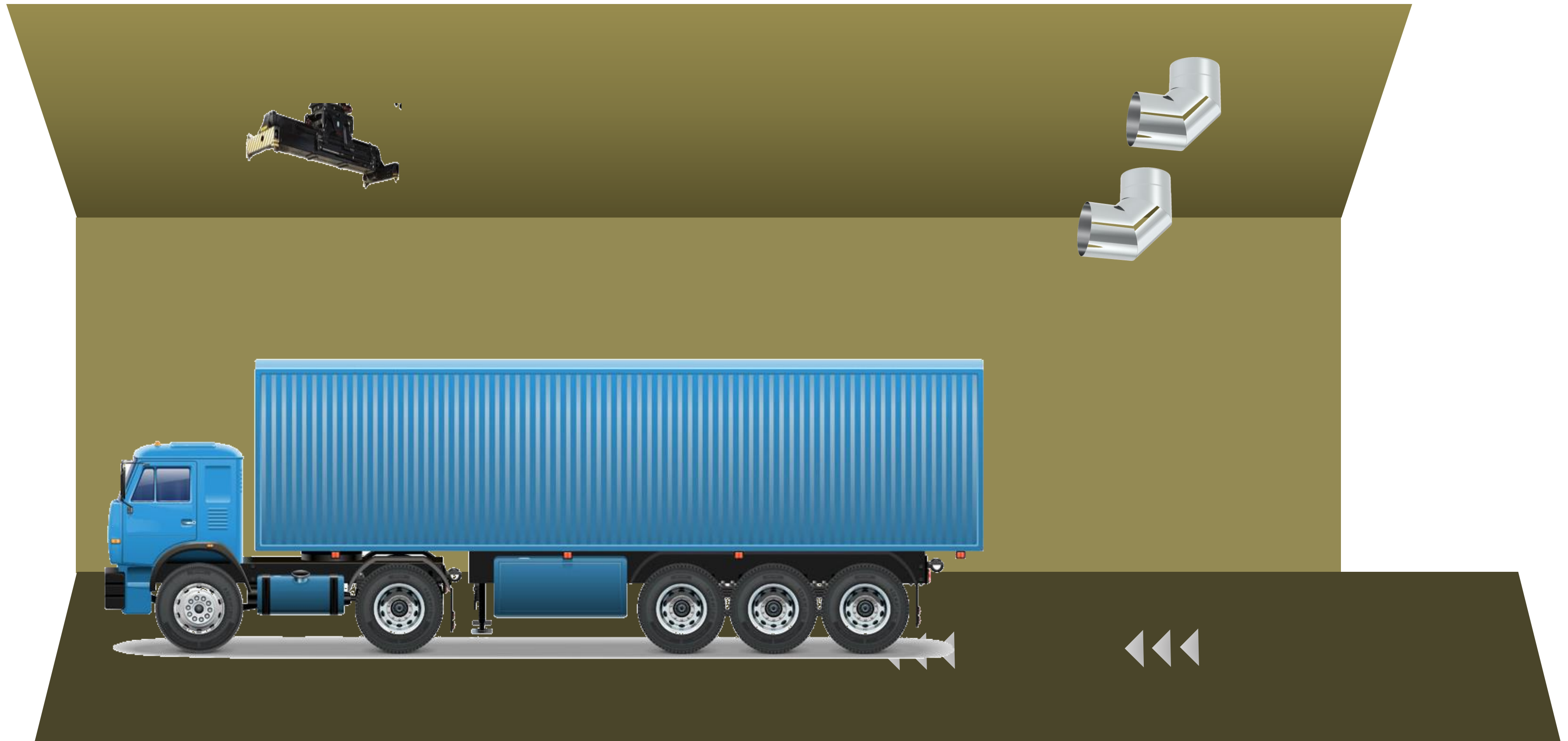












Prepare for future
uncertainties

To prevent the spread of infectious diseases and pests that may threaten public health

Long-term Sustainability

Increase social value and corporate sustainability. An investment for a good port

Social Contribution

Corporate image strengthens relationships with communities
positive impact on the local economy

Prepare for future
uncertainties



To prevent the spread of infectious diseases and pests that may threaten public health

Long-term Sustainability

**Provides opportunities
for increased sustainability and competitiveness
as an international trading hub**

Factor for a good port

Social Contribution

Corporate image strengthens relationships with communities
positive impact on the local economy

Q & A



항상항만

출처

<https://youtu.be/Py1VGmcKP3A?si=GpZETnRGC1BnbkQW>

<https://enviroconcept.com.au/aqis-quarantine-wash-bay/>

컨테이너 내륙운송에 있어서 운전기사에 대한 컨테이너 관리의 전가문제에 대한 고찰_이하연, 조찬혁

컨테이너 운전기사에 대한 컨테이너 관리 전가 문제 및 개선방안에 관한 연구_이하연



THANK YOU

감사합니다



항상항만