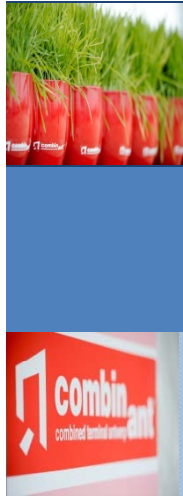


Combinant nv



Combinant nv : The integration between TOS and camera gates.

Table of content



Shareholding



Location



Key figures

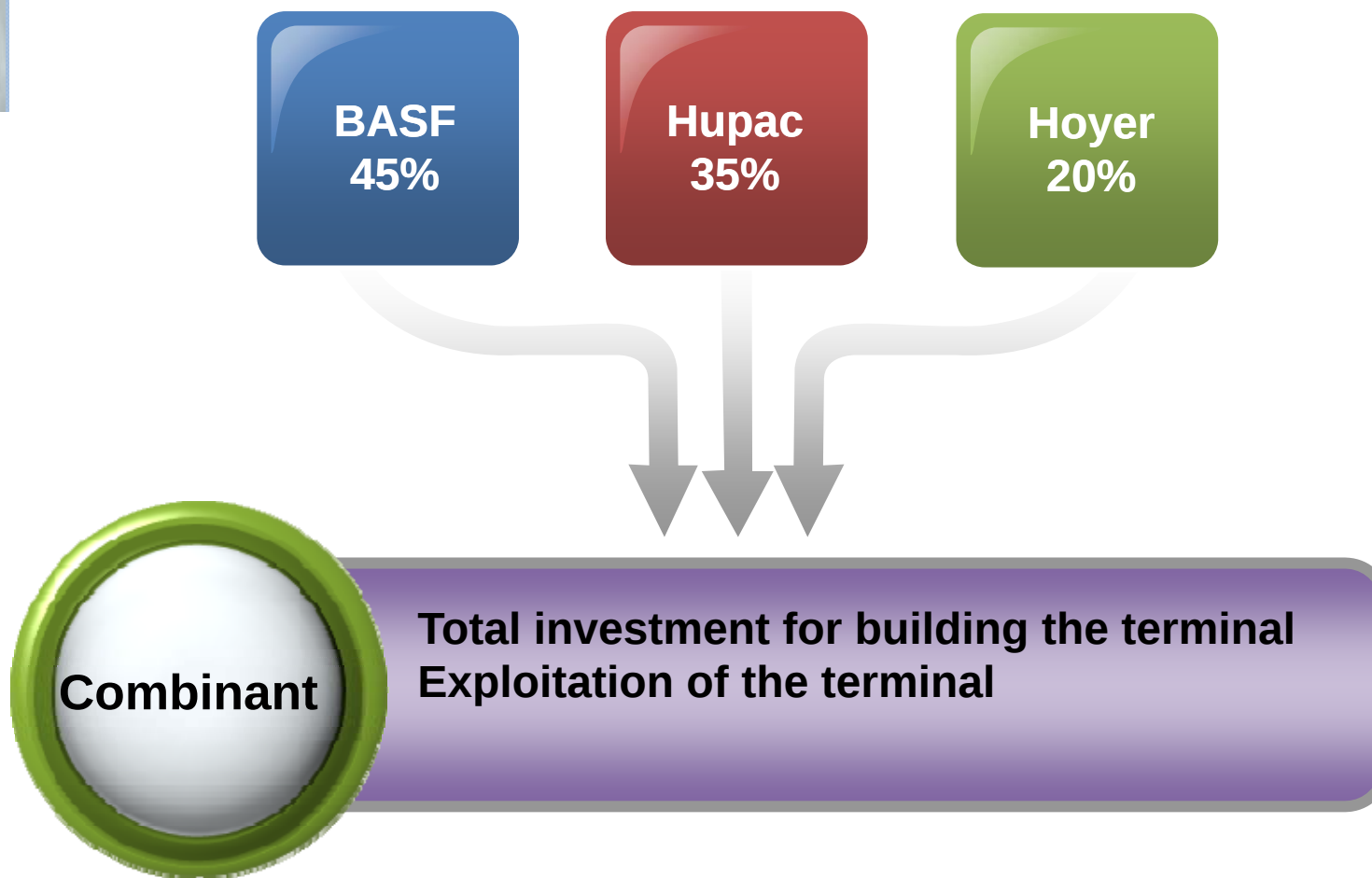
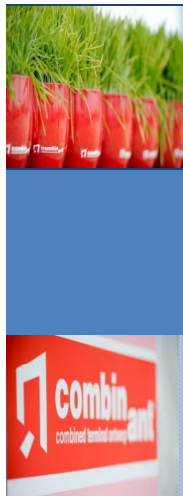


TOS & gate system



Potential challenges

Joint venture



Partners



BASF

Largest Chemical production site in Belgium.

Total cargo flow 18,4 million ton.

- 68% ship
- 15% road
- 3,5% intermodal
- 14% pipelines
- 3% rail

BASF Antwerpen wants to reduce the proportion of road transportation in favour of rail transportation to achieve a sustainable 'supply chain'

Hupac

- 100 trains per day
- 690.251 road consignments
- 5.629 rail platforms
- 10 owned terminals
- 405 employees

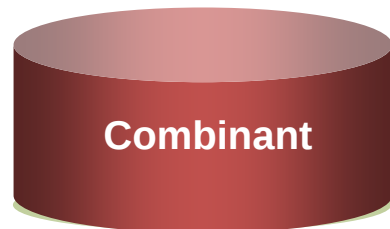
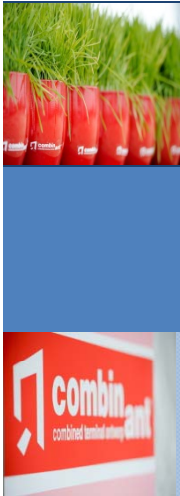
Hupac wants to support extra terminal capacity for future growth.

Hoyer

- Operations of container terminals, dangerous goods terminals, container depots, cleaning stations as well as maintenance and repair shops
- More than 90.000 intermodal bulk liquid transports in Europe per year
- Represented in over 80 countries worldwide by own subsidiaries and agents
- 28.000 tank containers and 3.000 road tankers in operation
- 5.000 employees

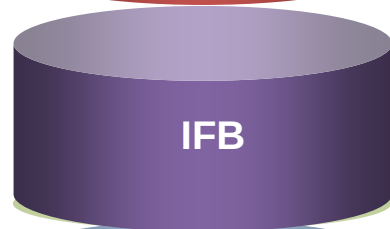
HOYER wants to expand the terminal infrastructure in order to build up a pan-European intermodal network

Location



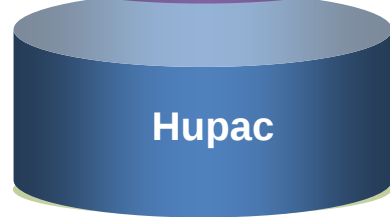
Combinant

- Northern area of the harbour
- Quick access to the motorways
- Open Access



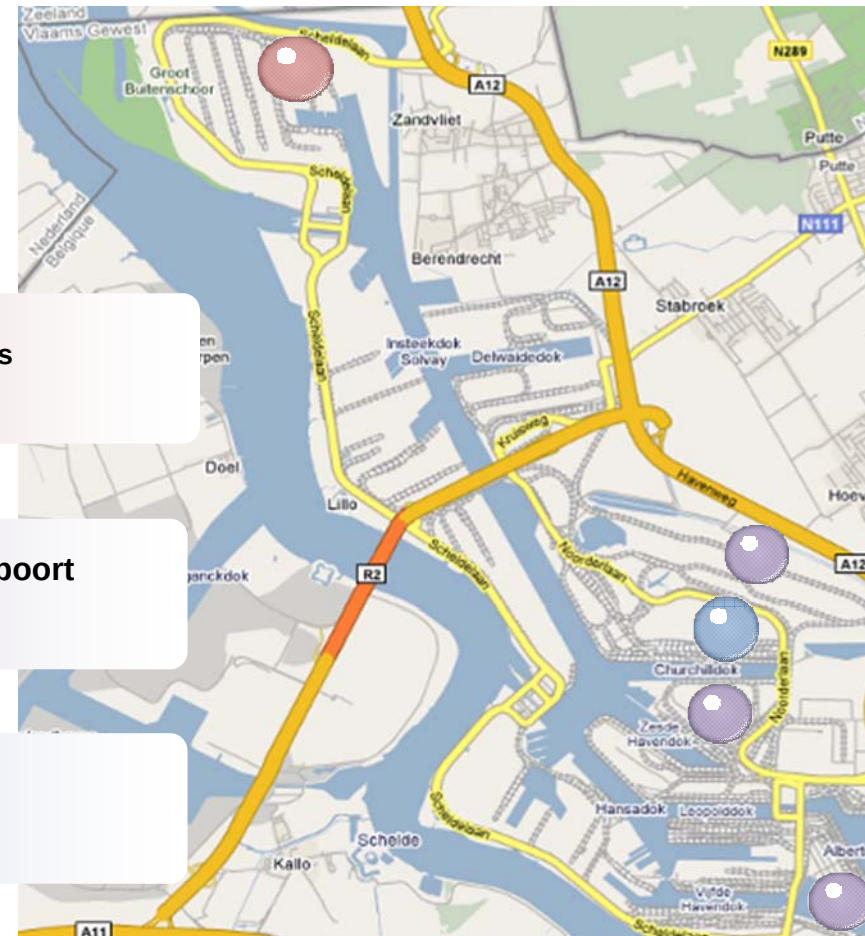
IFB

- Main Hub, Zomerweg, Schijnpoort
- Mainly own traffics

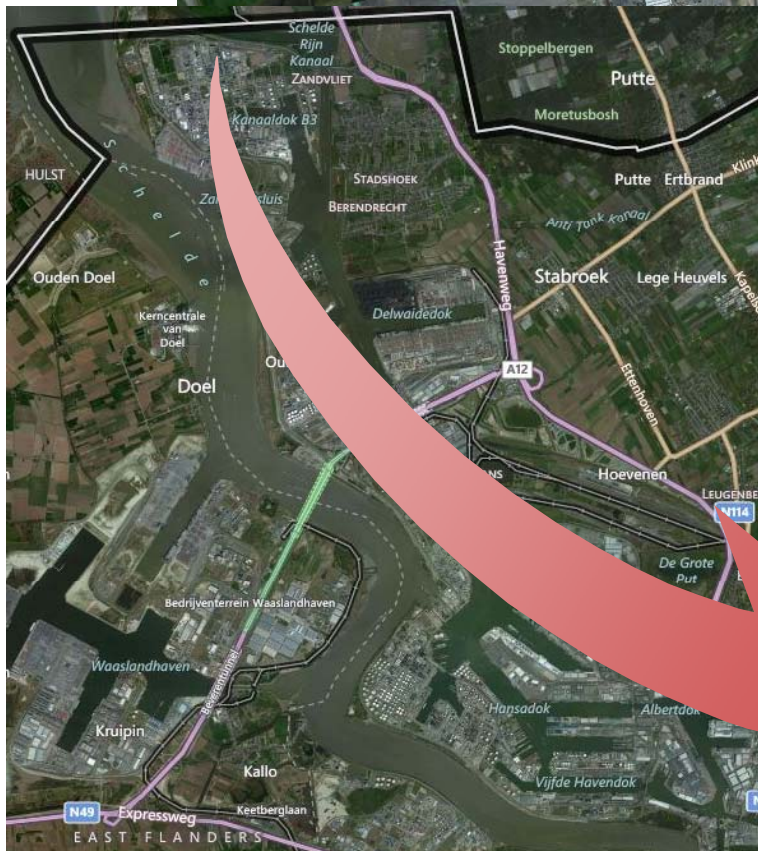


Hupac

- Muisbroek Q468
- own traffic



Location



Key figures

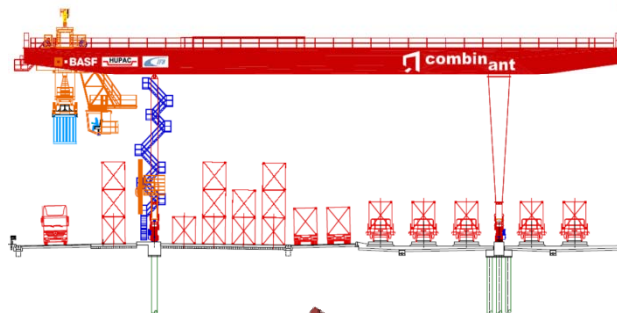
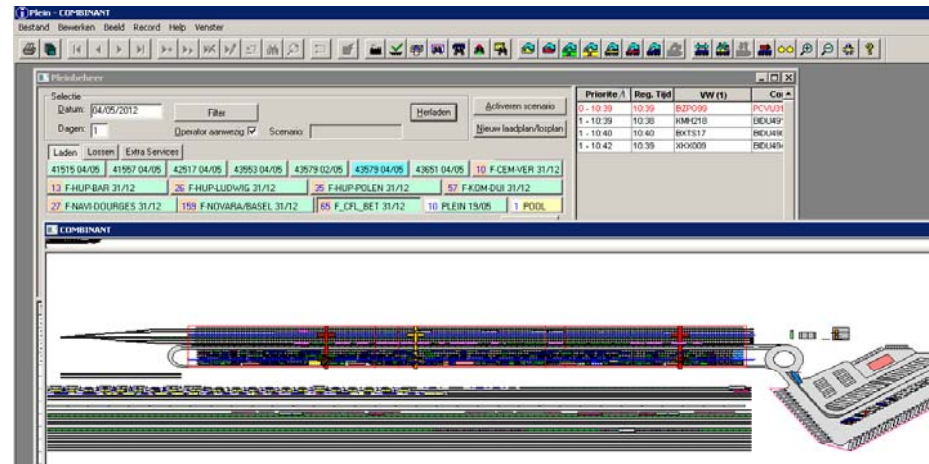


Total Investment
28,6m
EFRO : 4,3m
Flemish
government : 4,5m

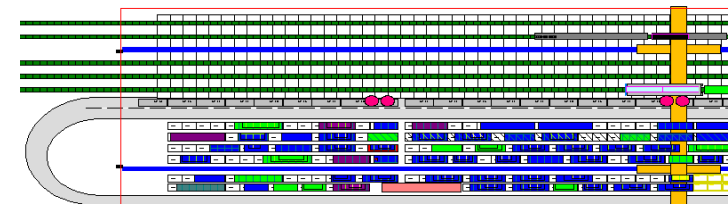
5 rail tracks 620m
3 RMG's
900 TEU storage
Parking 70 trailer

- 20 till 24 trains per day
- 150.000 units on yearly base
- 30 till 40 new jobs created

Key figures



- Detailed Pictures from Truck and train
- overview of terminal
- Real time IT system with EDI
- Real time Graphical Lay out of the terminal



Integration TOS & camera gate

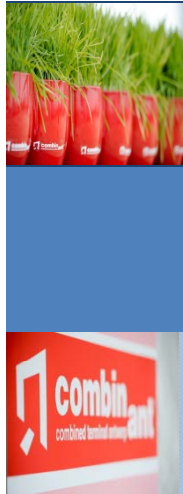
❖ Truck In – Rail out

1. Truck arrives at terminal and passes camera gate

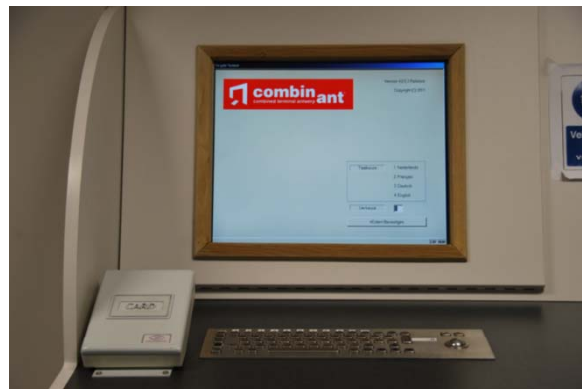
- OCR on unit and on truck
- All data send towards TOS

2. Technical check is being done in TOS system

- Chronological order of passing camera gate
- Introduction of all visual data into tos system
- Seals, labels etc....



-



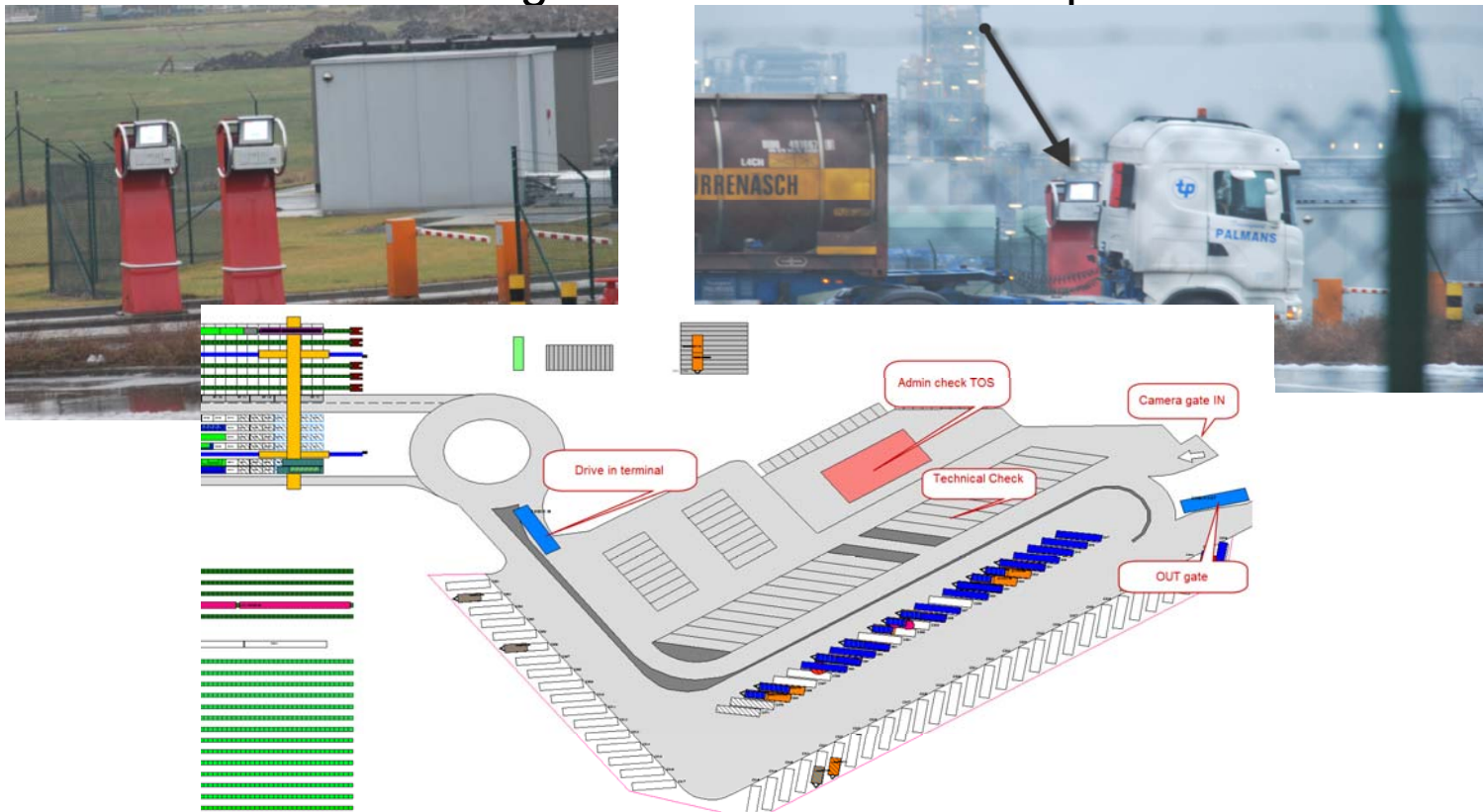
- [illegible]

> Overzicht vrachtwagens op terminal													
Laan	Beez nr.	Ifr plaat	Transporteur	Registratie t	In/Uit	Container	Aktuele stop	Geplande stop	Status	Opa	Dossier	Opdracht	
78492Z	AXD333	BRUNISMA	18/03/2010 21:46	UIT	SINUJ0408209	PARKING	PARKING	CHECK-IN	DUISBURG	00014SKU			
423141	AXD323	BRUNISMA	18/03/2010 21:44	UIT	HOTUZ014315	STOP C24	STOP C24	OPDRACHT	DUISBURG	000156FE			18/03/2010
808475	ASV192	TEST	28/08/2009 12:29	N	ECMU112226	CHECK OUT	STOP A096	CHECK OU	NAVLAND CARGO	000156F1			28/08/2009
808344	ASV193	TEST	27/08/2009 16:53	N	EICAU112225	CHECK OUT	STOP A046	CHECK OU	NAVLAND CARGO	000156F1			27/08/2009
978263	AOD222	BRUNISMA	27/08/2009 12:33	N	CIAMU1502587	STOP C06	STOP C06	OPDRACHT CIA - CGM		00011MU4			28/08/2009
473377	ADD111	BRUNISMA	27/08/2009 12:29	N	CIAMU1393015	STOP C07	STOP C07	OPDRACHT CIA - CGM		00011TL8			28/08/2009
162266	VWRD0001	FICTEF	12/08/2009 12:00	N	RDO001	STOP A150	STOP A150	OPDRACHT MOL		000156E6			18/08/2009

Integration TOS & camera gate

3. Drive to gate in

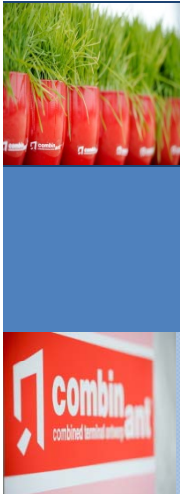
- Entrance to the operational zone
- Planning of the unit
- Printing ticket for terminal place



Integration TOS & camera gate

❖ RAIL IN – Truck OUT

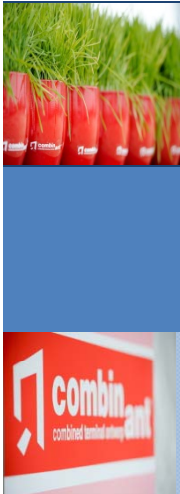
- Pre announce of all trains is send towards camera gate
- Pictures are being taken and send towards TOS.
- Technical check is being done by staff.



Integration TOS & camera gate

❖ Challenges for the Future

- Do we still need staff at technical check Truck and Train?
 - How do we handle claims?
 - What to print on EIR's?
 - How to read seals?
 -
- Liability on terminals increases.
 - Dangerous goods
 - Charging trains
 - Charging trucks
 -



Thank You !



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