

Digitized smart logistics from Luxembourg large sustainable opportunities across Europe.



Malik Zeniti October 2017
Cluster for Logistics Luxembourg A.s.b.l

The Cluster for Logistics

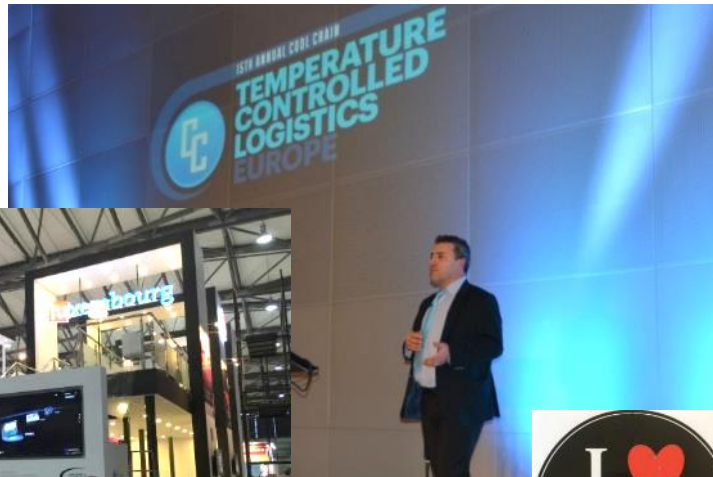


The Cluster for Logistics created in 2009 by 7 institutional partners federates public actors and private companies to drive the sector.

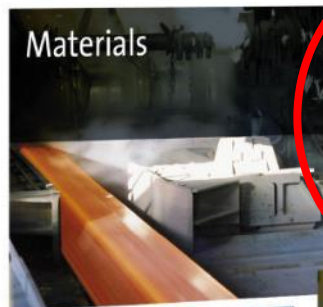
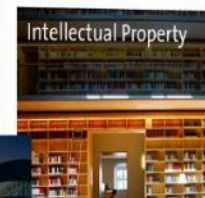
Mission: support Luxembourg's strategy to reinforce logistics

The Cluster focuses on **shippers and logistics companies** and also welcomes all companies or organisations **serving or making use of logistics services**.

Currently the Cluster regroups around 100 actors. Around 60 belong to the Logistics sector while the others provide or request specific services. C4L organizes about 15-20 events/year with members. > 2



Governmental support



Governmental support

1. **IMPROVE THE REGULATORY AND ADMINISTRATIVE FRAMEWORK**
2. **DEVELOP TAILOR-MADE INDUSTRY SPECIFIC SOLUTIONS**
3. **EUROHUB SOUTH – A NEW MULTIMODAL LOGISTICS PLATFORM**
4. **ASSIST IN SETTING UP YOUR EUROPEAN DISTRIBUTION**

Proactive strategy

Common International Collaboration and presence



Luxembourg booths with 20 Participant company members



**Transport & Logistics
Europe's largest Meeting
for the community**

LUXEMBOURG
LET'S MAKE IT HAPPEN

**transport
logistic**
MAY 9 - 12 2017
MESSE MÜNCHEN
VISIT US I
HALL B1, BOOTH 314

The Cluster for Logistics

Typical actions of the Clusters in a nutshell:

- Increasing the recognition of logistics in Luxembourg
- Managing workgroups to improve the competitiveness of the logistics sector
- Communicating recommendations to governmental authorities



- Organising events to allow networking for the members
- Meeting other international logistics organizations to share common experience

World-Trade is seafreight and...



..requires Overland and Hinterland activities
When location matters: **EUROHUB Luxembourg**

EUROHUB :

Luxembourg's international logistics hub



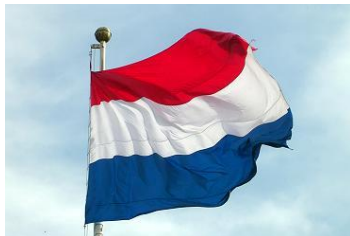
Luxembourg's strategy in logistics aims to develop the current platforms into a common multimodal hub concept; EUROHUB Luxembourg as:

- Gateway from/to and through Europe
- Cross-dock hub for European overland transport
- European and regional distribution centre
- Logistics centre for value added services
- Sustainable logistics processes for the future



Luxembourg Logistics Ranking

Logistics Performance Index



Timeliness

**International
shipments**

Infrastructure

**Logistics
Competence**

Indice de performance
logistique (IPL) Banque mondiale

6 indicateurs de la
qualité des services
logistiques



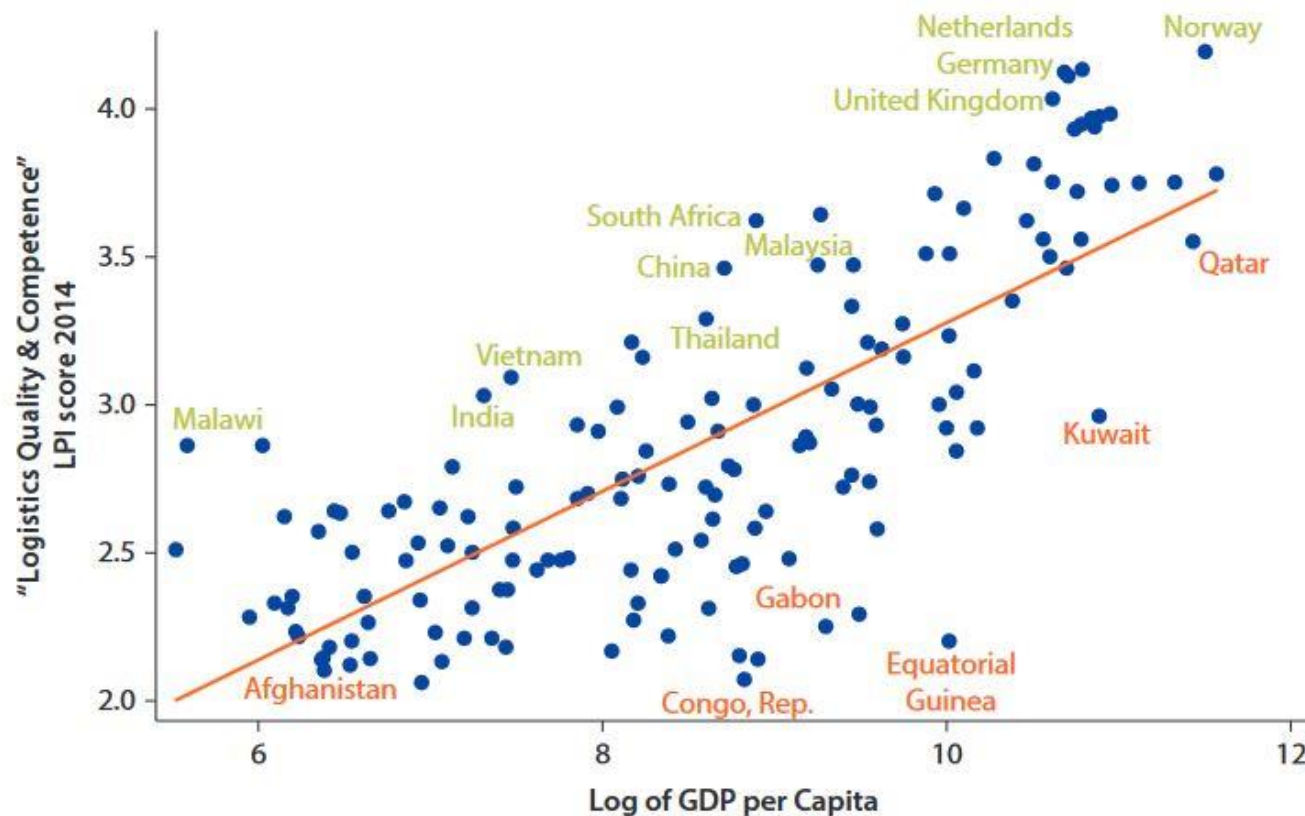
N = 160 pays au classement Banque mondiale 2016

ADDING VALUE IS THE KEY

Logistics Ranking


Logistics Performance Index

Figure 1.1 LPI 2014 “Logistics Quality & Competence” Score, Over- and Underperformers



Ouganda vs Luxembourg

Key basics


Luxembourg
LPI 4.22 No 2

2,586 km²

0,563 Mio inh

223 inh / km²

51 Mrd. EUR
GDP 2015
Transport: 3,7%

58,8 Mio tons
2016 (30 MM
outside
Luxembourg)

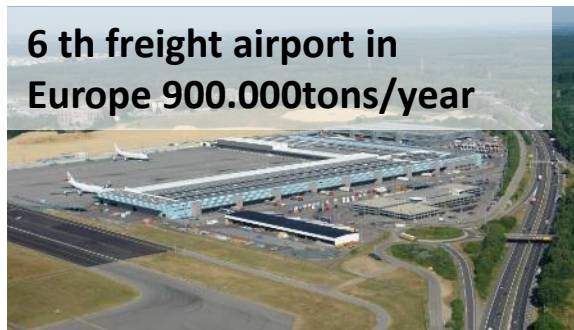
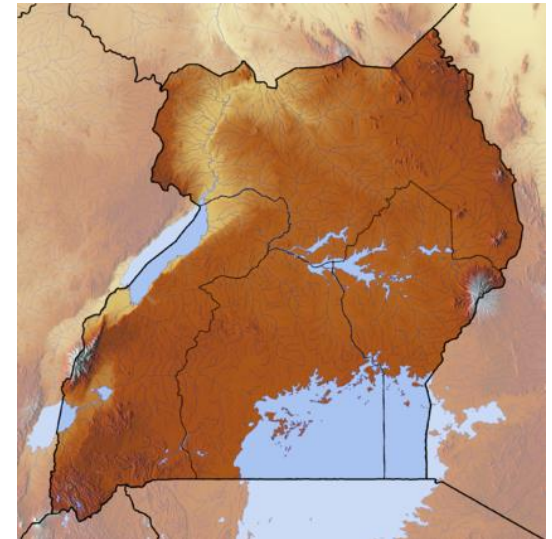
OugandaLPI
3.04 No 58

241,550 km²
(195 km²
Kampala)

41.5 Mio inh
2016
(1,66 Mio inh)

141 inh / km²
(8511 inh /
km²)

18 Mrd. EUR
GDP 2012



**6 th freight airport in
Europe 900.000tons/year**



**Modern Multimodal Hub 2017
5 million tons/year
300 km to Antwerp , Rotterdam**

Shippers expectations

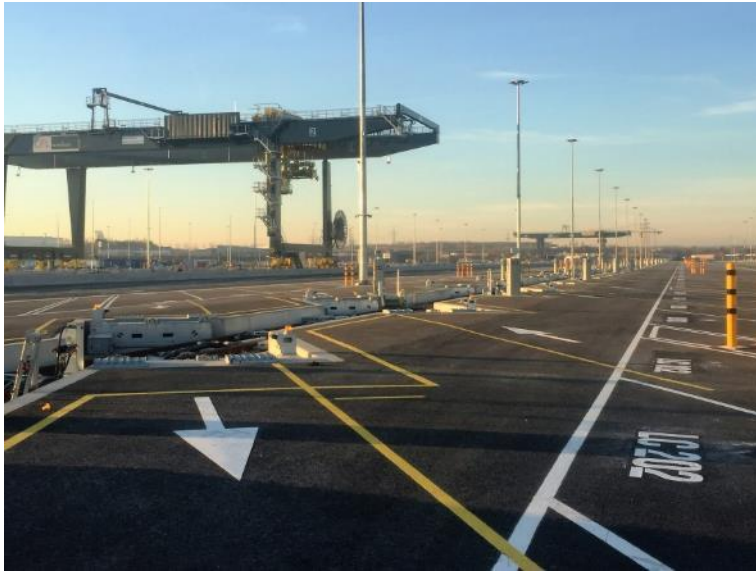


Logistiks links

- [Airport Flughafen und seine Aktivitäten](#)
- [Railway - Ihre CFL multimodal Aktivitäten](#)
- [Transport companies z.B. AW](#)
- [Port](#)

What's Logistics

Government & Public Investments in Logistics Infrastructure Eurohub South and Center



ID CARD LOGISTICS Luxembourg

A COMPLETE OFFER



COMPANIES	EMPLOYMENT	ANNUAL REVENUES	RELEVANT RANKINGS LINK	OUTSTANDING HUBS
<p>800 Companies</p> <p>Many international logistics companies have an international hub in Luxembourg</p>	<p>12,500 Direct jobs</p> <p>3.6 percent of the entire workforce</p>	<p>3,8 Mrd. Euro 2015 estimate</p> <p>3.4 % of GNP</p>	<p>Logistics Performance Index 2016 2nd /160</p> <p>No 1 without Sea</p> <p>IMD Competitiveness Index</p> <p>6th Economy global</p> <p>1st Economy Europe</p> <p>Top 10 for quality of life</p> <p>Global Innovation</p> <p>WIPO 12th from 128</p>	<ul style="list-style-type: none"> • Multimodal Bettembourg South hub • Airfreight Findel airport • Riverport Merttert • Freeport Findel

Luxembourg strategically positioned in Benelux

Benelux: strong in freight transport

Sources: Eurostat 2015, STATEC 2015, CBS 2015, Statbel 2015

Benelux 2013:
- 359 inhabitants/km² (3x as much as EU-28)
- 74,654 km² surface area (1.7% of EU-28)



Benelux 2013:
28.5 million inhabitants
5.6% of the EU-28



Benelux 2013: 6.9% road transport
in/from/to Benelux of EU-28



Benelux 2011: 6.0% rail freight
transport in/from/to Benelux of
EU-28



Benelux 2013: 78.4% inland
navigation in/from/to
Benelux of EU-28



Benelux 2013: 21.1% sea
transport in/from/to
Benelux of EU-28



Benelux 2013: 24.4% air
transport in/from/to
Benelux of EU-28

Sources: Eurostat, Statec, CBS, Statbel 2015

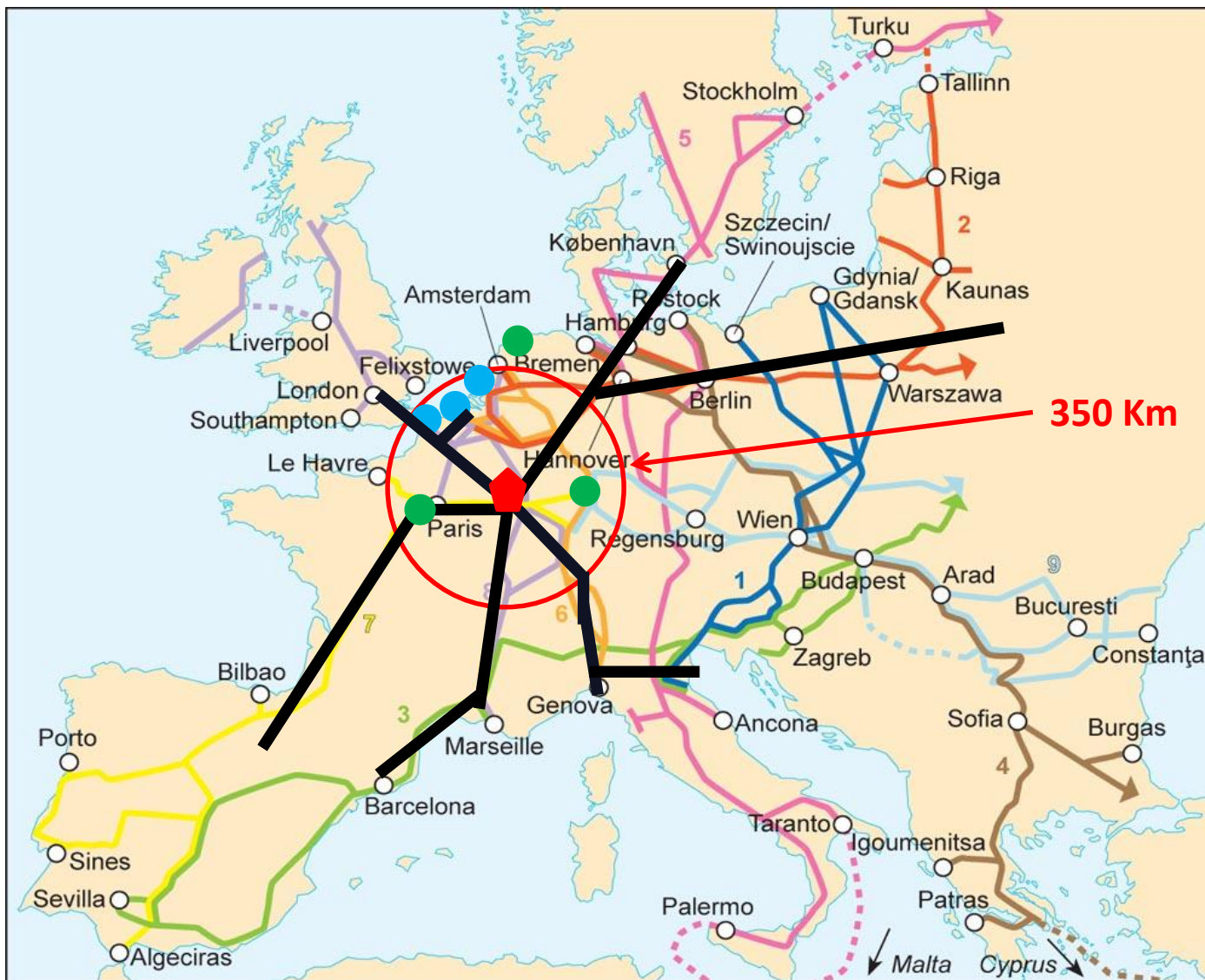


Quadrimodal Infrastructures Gateway to Europe

Borders with Germany,
Belgium and France
570.000 hab.
2.600 km²



European Freight Corridors



Main Rail Corridors

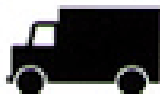
Main Sea Ports

Main Freight Airports

Logistics Infrastructures

INLAND MOSEL-PORT MERTERT

- Historic back-bone for steel and coal and recycling today
- Dedicated to break bulk
- Connection with the **north sea ports** by the Mosel-Rhine waterway
- 150.000 m2 surface
- Extended warehousing capacity for clients**
 - » 10.000 m2 warehouse space with new secured warehouse (Tapa member)



A national waterways strategy



- Position Mertert and Bettembourg as “Extended Gates” of Antwerp / Zeebrugge and Rotterdam aiming to shift a maximum of containers and construction materials in the Hinterland of the sea ports

Logistics Infrastructures

Aircargocenter FINDEL

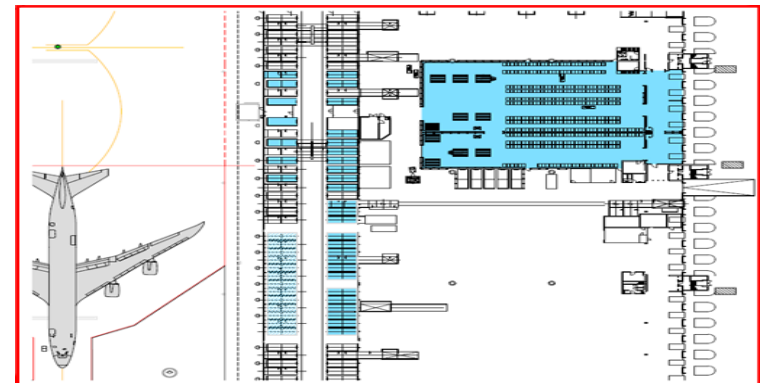
- Top 6 airport in Europe
- Modern dedicated infrastructures
- capacity of 1 Million t
- Customs clearance 24 x 7
- On-site Fwd logistics centre: 58.000 m²
- Secure, fast efficient ground handling: unloading and loading of a Boeing 747/8F in 2 hours
- Extension to 12 wide body aircraft positions in 2018
- Main hub of Top 6 airfreighter **Cargolux** (6'878 Million tonkm)
 - Strategic partnership & code sharing with Emirates SkyCargo
 - 'Best Green Airline' award Singapore June 2017



Value & high competence logistics activities: pharmaceuticals, perishables, hazardous or valuable goods, live animals, outsized cargo.

New Healthcare & Pharmaceuticals Center

- All handling is according to Good Distribution practice (GDP)
temperature controlled, aircraft handling ramp adjacent to storage
- » Fully GDP compliant
 - » Storage capacity 2°C to 8°C
 - » Storage capacity 15°C to 25°C
 - » Storage capacity 2°C to 25°C
 - » Temperature controlled build-up areas (2°C to 25°C)
 - » Six dedicated and temperature controlled truck docks
 - » Pharma increasing to > 30'000 t

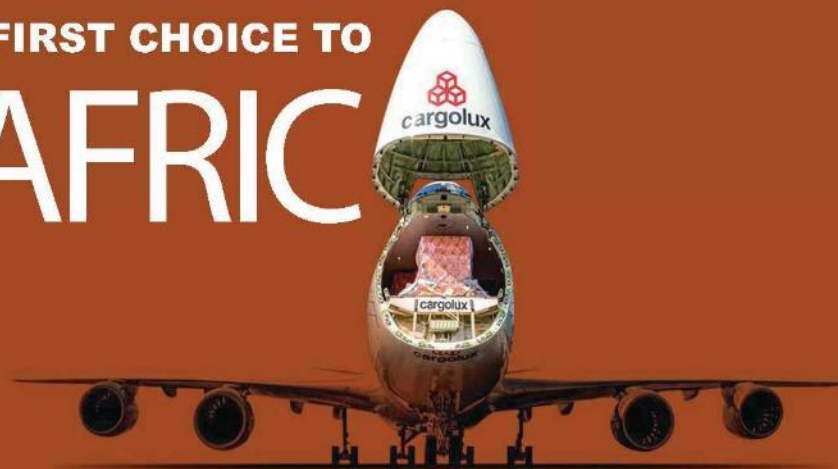


Logistics Infrastructures

Extended air network



FIRST CHOICE TO AFRICA



Extended air network To Africa

INTRODUCING DOUALA, CAMEROON

	CV 8862	CV 8873
Day	Luxembourg Bamako	Douala Luxembourg
2	ETD 16:15	ETA 20:10
5		ETD 21:40
6		ETA 01:55
7		ETD 03:25
7		ETA 10:55

new service starting 03 October 2017

LUBUMBASHI, DRC

	CV 7145	CV 7156
Day	Luxembourg Lubumbashi	Johannesburg Nairobi Stansted Luxembourg
5	ETD 21:40	
6	ETA 05:25	ETA 10:25
6	ETD 06:55	ETA 17:10
7		ETA 09:40
7		ETA 13:25
7		ETD 02:59
7		ETD 11:10

new service starting 15 September 2017



Discover a world of opportunities in Africa

www.cargolux.com

Join us



Several destinations are covered via interline partner and/or trucking services, please check with your local Cargolux office for more details



All times are local times-schedule subject to changes Summer 2017



Logistics Infrastructures

Fresh Hub Luxembourg

- Uncongested modern dedicated infrastructures with enough capacity
- **Easy communication**
- **Implementing single window for logistics**
- Fast track process
- Competence for perishables
- Tailor made solutions
- Limited complexity, one Ground handler LuxairCargo
- Customs clearance 24 x 7
- Driven by international forwarders Panalpina or KN

Because the finest quality fruits and vegetables require the best handling



- 1st class products from verified origins
- Professional sensitive cargo protection of the whole cool chain
 - dedicated cool zones in the airport warehouse
- Time- and cost-efficiency
 - 80% of EU GDP served from Luxembourg within 1 day
 - fast track solution
 - 200m distance from tarmac to highway
- Easy communication
 - one ground handler
 - many languages spoken
 - easy access to customs and release agencies
- Tailor-made solutions compliant with clients' needs
 - Numerous value-adding service providers
- 6th European Cargo Airport with over 90 worldwide connections
 - 1 200 000 tons capacity



LUXEMBOURG
LET'S MAKE IT HAPPEN



PANALPINA
WORLDWIDE



Luxair CARGO



DB SCHENKER



Eurohub South

Modern Infrastructure

New rail Terminal: 4x700 m rail track for 300.000 containers and
2x 700 m rail tracks for 300'000 semi-trailers capacity per year



Logistics Park Eurohub Sud



Benefits for logistics park

➤ No VAT pre-financing

Importing goods in the EU generally triggers a value added tax (VAT) liability in the country of importation, unless the goods are placed under a specific warehousing regime.

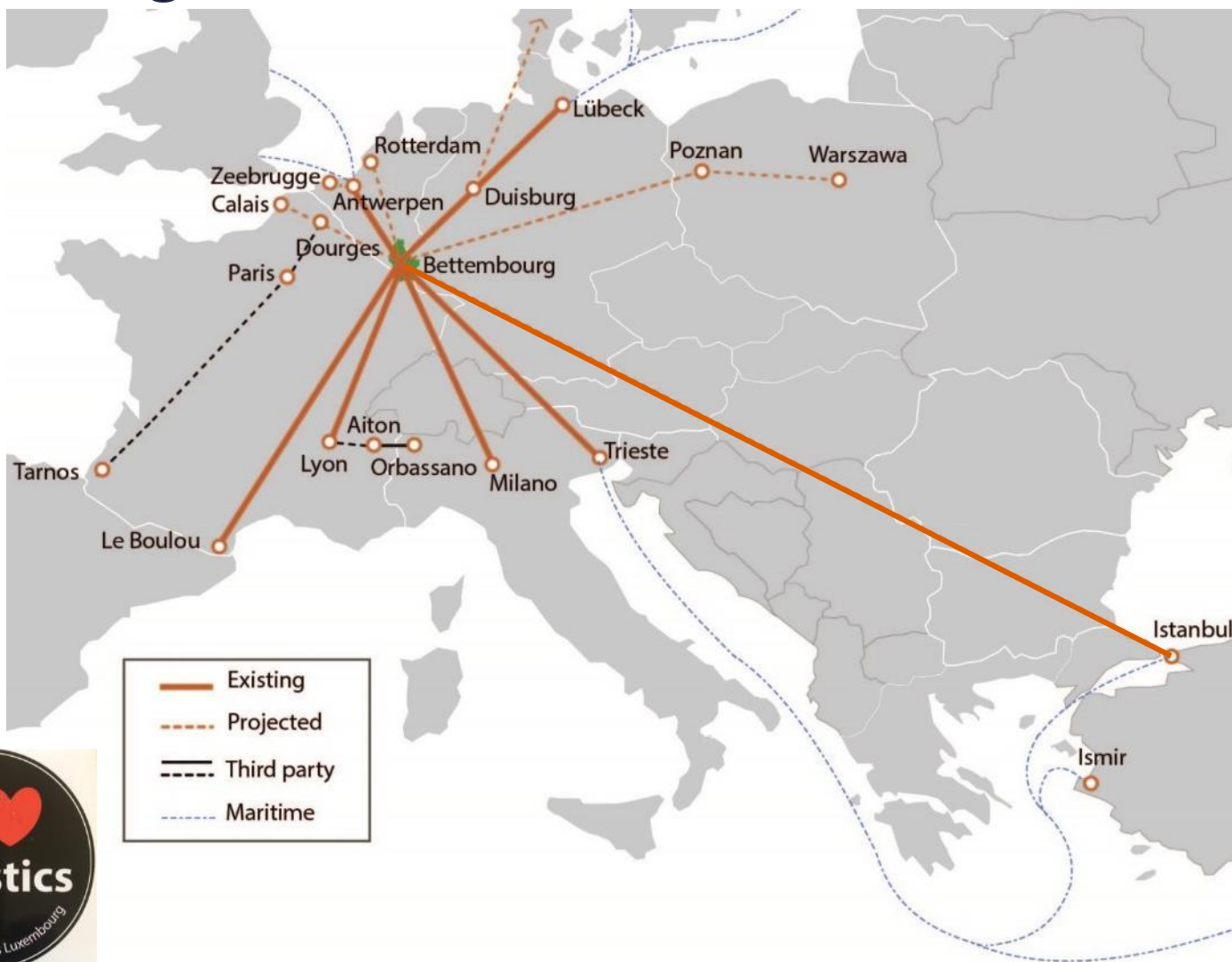
Luxembourg's VAT regime does not require immediate payment of VAT and this without any restrictions or any formalities. Therefore no cost is linked to the pre-financing of import VAT in Luxembourg.

➤ Entrepot temporaire

If the logistics company has a status as depot temporaire, the imported goods can stay in the warehouse during 20/40 days before any import taxes or VAT will be due.

Accessibility & Connectivity

Growing Intermodal Rail-Road network offer



Master of supply chain Uni Luxembourg LCL- MIT



Masters | **PhDs** | Bachelors | Online Courses | Short Courses | Preparation Courses | studyportals

mastersportal

What do you want to study? Where?

[Register](#) [Log In](#)

[Home](#) • [Countries](#) • [Luxembourg](#) • [University of Luxembourg](#) • [Logistics and Supply Chain Management, Master](#)

[Add to Wishlist](#) [Get free info](#)

Logistics and Supply Chain Management, Master

Apr 2017
Application Deadline

10 months
Duration

24,000
Tuition (Year)

English
Language



LUXEMBOURG CENTRE
FOR LOGISTICS AND SUPPLY
CHAIN MANAGEMENT (LCL)

[Visit Programme Website](#)

Faculty of Law, Economics and Finance, University of Luxembourg
Luxembourg, Luxembourg

The Logistics and Supply Chain Management programme at University of Luxembourg is open to students looking to specialise in logistics and supply chain management. Selected candidates will join the international and multilingual student body of the University of Luxembourg.

[Check Your Qualification](#)

[Visit Programme Website](#)

[Overview](#)

[Programme outline](#)

[Key facts](#)

[Admission requirements](#)

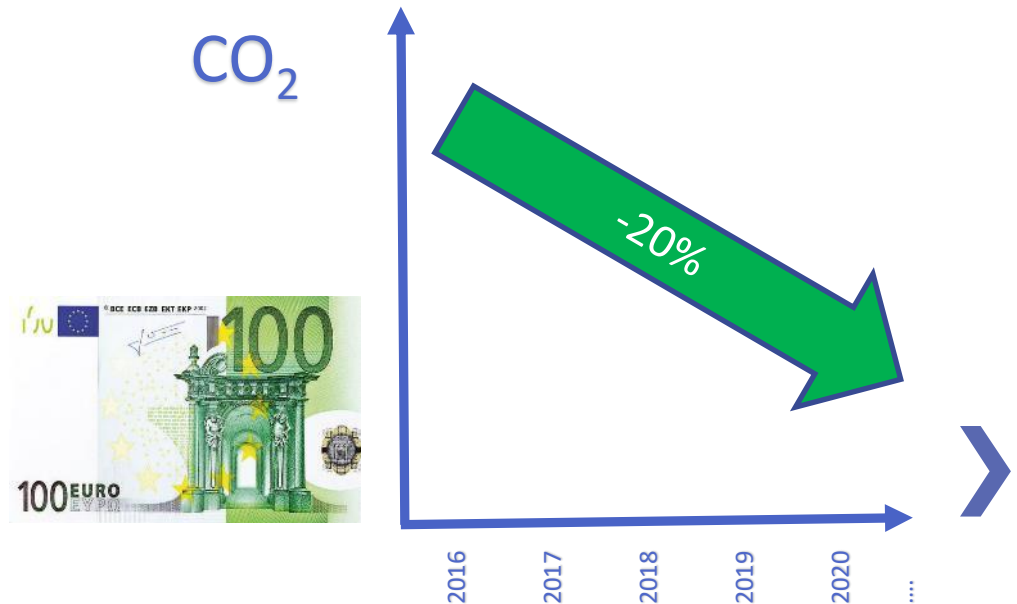
[Fees and funding](#)

[Check Your Qualification](#)

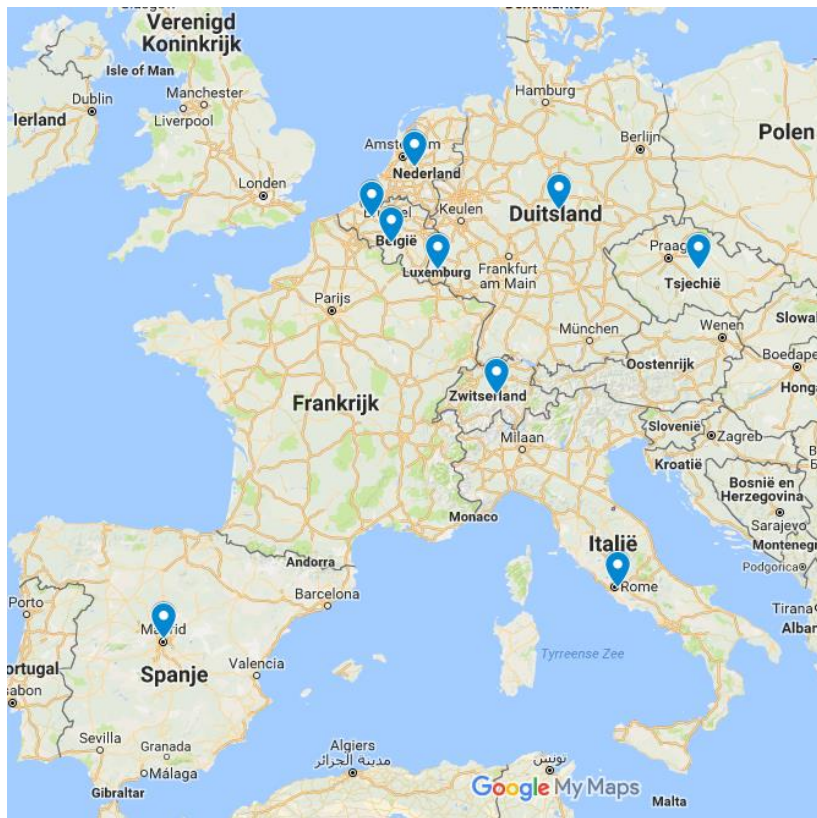
Lean and green award



- » Public recognition for voluntary program
- » For having a strategy towards sustainable logistics
- » Based on realistic and achievable measures
- » Which leads to 20% less CO₂
- » In maximum 5 years time



Lean and Green International Community is growing



- » Netherlands
- » Belgium/Flanders
- » Belgium/Wallonia
- » Germany
- » Italy
- » Luxembourg
- » NEW
 - > Spain
 - > Czech Republic
 - > Switzerland
- » France
 - Compatible with “Objetif 2020”





The forerunners in Luxembourg

1st edition award winners May 2015

- Arthur Welter
- CFL multimodal
- LuxairCARGO
- POST Luxembourg



Ceremony 2015



Ceremony 2016

Second edition June 2016.

- Cargolux
- GN Transport
- Transalliance
- Offergeld

**Cargolux 1st L+G
aviation certified
airline**

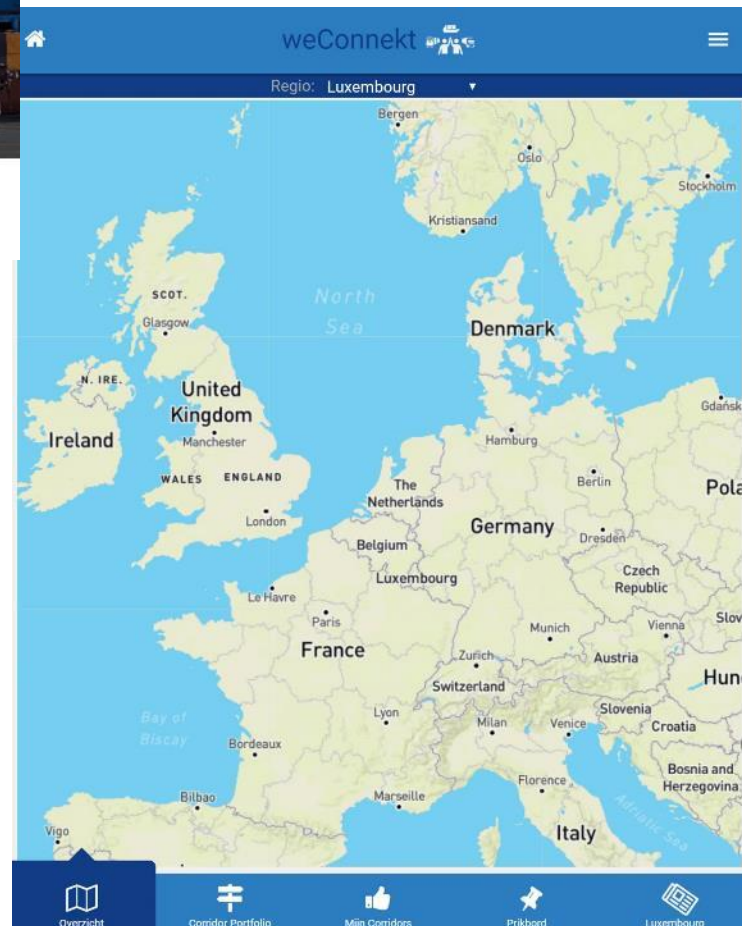




HOW WE WORK

Connect & Topsectors Initiative NL OFF-ROAD

- to create corridors for freight
- To encourage shippers to combine shipments
- Large volumes should attract 3rd party logistics providers to create multi-modal offering
- Luxembourg was added as region
- Shippers can request corridors between A and B



Streamlining transport coordination and traffic flows in green corridors, between networks, hubs and terminals.

Cluster Projects

Urban Logistics

- To improve quality of live in Luxembourg City and Esch/Alzette by reducing polluting emissions and noise.
- Project headed by MDDI with the support for all stakeholders
- C4L member of the “Comité de Pilotage”
- Feasibility of “distribution centers” published in 2015
- Pilot project under evaluation



Contact us:



Cluster for Logistics
Luxembourg
a.s.b.l

ADDING VALUE IS THE KEY

For more information: www.clusterforlogistics.lu

Contact us at : info@c4l.lu

Director

Malik Zeniti

+352 42 39 39 849

+352 621 499849

Communications Assistant

Ronny Wolff

+352 42 39 39 848



President

Directeur general
Chambre of
commerce

Carlo Thelen

+352 42 39 39 300



Join us on Twitter and follow us on LinkedIn



Thanks for support to 22 Effective Members and Partners 2017



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère du Développement durable
et des Infrastructures



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Économie
et du Commerce extérieur



The **Luxembourg Ardennes** offer exceptional hiking trails through beautiful forests and picturesque villages.



The **Land of the Red Rocks** has established a new identity through combining ancient and new technologies.



Often referred to as the **Little Switzerland of Luxembourg**, **Mullerthal** owes its name to its hilly landscape reminiscent of Switzerland which attract many tourists.

The **Moselle Region**, named after river, harbours beautiful valleys, famous for their wineries, charming hotels and medieval towns.

