Projects and Products Portal for Leonardo da Vinci

Cargo Securing to prevent cargo damages on road, sea, rail and air (CARING)

2011-1-FI1-LEO05-06162

http://www.adam-europe.eu/adam/project/view.htm?prj=9038

Projektinformation

Titel:	Cargo Securing to prevent cargo damages on road, sea, rail and air (CARING)
Projektnummer:	2011-1-FI1-LEO05-06162
Jahr:	2011
Projekttyp:	Innovationstransfer
Status:	abgeschlossen
Land:	FI-Finnland
Marketing Text:	The marketing text will be added later.

Zusammenfassung:

A study on fatal accidents of professional drivers in Finland (Laapotti & Peräaho 2011) has revealed that the risks in loading and securing of cargo comprised 12 % of all vehicular risk factors. This was more than the proportion of risks connected to tires and brakes together (10 %). Europe is an area where goods and products can move around freely, without any checks at the national borders. This puts pressure on ensuring the safety of people and goods. When a truck has to stop or move its direction quickly the cargo inside may shift and end up crashing through the walls or cause the truck to fall over hurting the driver or others nearby. Every day there are millions of Europeans in transit who can end up into an accident like this, caused by poorly secured cargo.

The CARING project “Cargo securing to prevent cargo damages on road, sea, rail and air” aimed to tackle this problem by creating up-to-date learning material, namely Presentation Material, a Teacher’s Manual and a Student Book. For road transports, only a few European countries have national regulations or standards on cargo securing. The typical criteria in the rest of the European countries are that “the cargo should not be able to fall off”. Thus, the European Best Practice Guideline on Cargo Securing for Road Transports has been developed in order to better guide the European transportations. This document points to two different sources: IMO / ILO / UN ECE Guidelines and EN 12195-1 (revised in 2010). The learning material will be based on these two sources in addition to the suitable regulations of air transportations. The material also points out the exemptions of these rules in a few European countries (e.g. major transportation hub Germany).

CARING project has also produced other instructive material such as translations from Swedish to English, Finnish, Italian and German of a “Quick Lashing Guide for Road Transportations, based on EN 12195-1:2010”, an excel based Cargo Calculator for determining sufficient cargo lashing and an Online Survey on the know-how and attitudes of people working with cargo securing issues in Europe. The project products have been based on existing innovations, transferred to the project and updated or modified as necessary.

Majority of the project partners are highly experienced in the field of cargo securing. Namely, the project group consists of vocational education providers and experts in the field of cargo securing of different transport modes working for companies or authorities in the transport industry in Finland, Germany, Italy and Sweden. As a result of the project, the co-operation between different transport modes and partner countries will be increased and the know-how of each transport sector has been transferred. The project actions are likely to improve the quality of cargo securing and the safety of people in the partner countries by the upgrade of instructive material available in native languages.

Beschreibung:

The CARING project “Cargo securing to prevent cargo damages on road, sea, rail and air” aimed to tackle the problem of unsufficiently secured cargo by creating up-to-date learning material, namely Presentation Material, a Teacher’s Manual and a Student Book on cargo securing.

The CARING project has also produced other instructive material such as translations from Swedish to English, Finnish, Italian and German of a “Quick Lashing Guide for Road Transportations, based on EN 12195-1:2010”

Projektinformation

Themen:
* Nutzung und Verbreitung von Ergebnissen
* IKT
* Lebenslanges Lernen
* Berufsorientierung und -beratung

Sektoren:
*** Verkehr und Lagerei
*** Erbringung von Freiberuflichen, Wissenschaftlichen und Technischen Dienstleistungen
*** Erziehung und Unterricht

Produkt Typen: Unterlagen für offenen Unterricht
Lehrmaterial

Produktinformation: The CARING project “Cargo securing to prevent cargo damages on road, sea, rail and air” has produced learning material, namely Presentation Material, a Teacher’s Manual and a Student Book on cargo securing. Further, the project products include other instructive material such as translations from Swedish to English, Finnish, Italian and German of a “Quick Lashing Guide for Road Transportations, based on EN 12195-1:2010”

Projektwebseite: http://www.cargosecuring.info/

Vertragnehmer

Name:	University of Turku (Centre for Maritime Studies)
Stadt:	TURKU
Land/Region:	Etelä-Suomi
Land:	FI-Finnland
Organisationstyp:	Universität/Fachhochschule/Akademie
Homepage:	http://www.utu.fi

Kontaktperson

Name:	Anne E. Suominen
Adresse:	Suojantie 2
Stadt:	Rauma
Land:	FI-Finnland
Telefon:	+358(0)2-333 8185
Fax:	
E-Mail:	anelsu@utu.fi
Homepage:	

Koordinator

Name:	University of Turku (Centre for Maritime Studies)
Stadt:	TURKU
Land/Region:	Etelä-Suomi
Land:	FI-Finnland
Organisationstyp:	Universität/Fachhochschule/Akademie
Homepage:	http://www.utu.fi

Kontaktperson

Name:	Anne E. Suominen
Adresse:	Suojantie 2
Stadt:	Rauma
Land:	FI-Finnland
Telefon:	+358(0)2-333 8185
Fax:	
E-Mail:	anelsu@utu.fi
Homepage:	

Partner

Partner 1

Name: DEKRA Akademie GmbH
Stadt: Stuttgart
Land/Region: Trier
Land: DE-Deutschland
Organisationstyp: andere
Homepage: http://www.dekra-akademie.de

Partner 2

Name: Istituto Tecnico dei Trasporti e Logistica "NAUTICO SAN GIORGIO"
Stadt: Genoa
Land/Region: Liguria
Land: IT-Italien
Organisationstyp: andere
Homepage: http://www.itnautico.it

Partner 3

Name: EUROSAFE
Stadt: Hanau
Land/Region: Mecklenburg-Vorpommern
Land: DE-Deutschland
Organisationstyp: andere
Homepage: http://www.euro-safe.eu

Partner 4

Name: Finnish Transport Safety Agency
Stadt: Helsinki
Land/Region: Uusimaa (Suuralue)
Land: FI-Finnland
Organisationstyp: andere
Homepage: http://www.trafi.fi

Partner

Partner 5

Name: Swedish Transport Agency
Stadt: Norrköping
Land/Region: Stockholm
Land: SE-Schweden
Organisationstyp: Öffentliche Einrichtung
Homepage: http://www.transportstyrelsen.se/en/

Partner 6

Name: VR-Group Ltd
Stadt: Helsinki
Land/Region: Uusimaa (Suuralue)
Land: FI-Finnland
Organisationstyp: andere
Homepage: http://www.vrgroup.fi

Partner 7

Name: Lufthansa Cargo AG
Stadt: Vantaa
Land/Region: Uusimaa (Suuralue)
Land: FI-Finnland
Organisationstyp: andere
Homepage: http://lufthansa-cargo.com/

Partner 8

Name: Loimaa Vocational and Adult College
Stadt: Loimaa
Land/Region: Etelä-Suomi
Land: FI-Finnland
Organisationstyp: andere
Homepage: http://www.loikky.fi/

Partner

Partner 9

Name: Finnish Shipowners´ Association
Stadt: Helsinki
Land/Region: Uusimaa (Suuralue)
Land: FI-Finnland
Organisationstyp: andere
Homepage: http://www.shipowners.fi

Partner 10

Name: NWE Network Engineering Oy Ab
Stadt: Närpiö
Land/Region: Etelä-Suomi
Land: FI-Finnland
Organisationstyp: National Agency
Homepage: http://www.nwe.fi/index.php?lang=eng

Partner 11

Name: The Finnish Port Operators Association
Stadt: Helsinki
Land/Region: Uusimaa (Suuralue)
Land: FI-Finnland
Organisationstyp: andere
Homepage: http://www.satamaoperaattorit.fi

Partner 12

Name: Finnlines Plc
Stadt: Helsinki
Land/Region: Uusimaa (Suuralue)
Land: FI-Finnland
Organisationstyp: andere
Homepage: http://www.finnlines.com

Partner

Partner 13

Name: University of Genoa
Stadt: Genova
Land/Region: Liguria
Land: IT-Italien
Organisationstyp: andere
Homepage: http://www.unige.it

Partner 14

Name: JAMK University of Applied Sciences
Stadt: Jyväskylä
Land/Region: Etelä-Suomi
Land: FI-Finnland
Organisationstyp: Universität/Fachhochschule/Akademie
Homepage: http://www.jamk.fi

Partner 15

Name: TYA, the Vocational Training and Working Environment Council (Transport Trades)
Stadt: Solna
Land/Region: Öestra Mellansverige
Land: SE-Schweden
Organisationstyp: andere
Homepage: http://www.tya.se

Partner 16

Name: MariTerm AB
Stadt: Höganäs
Land/Region: Sydsverige
Land: SE-Schweden
Organisationstyp: andere
Homepage: http://www.mariterm.se

Partner

Partner 17

Name:	Hamburg University of Technology/Institute of Business Logistics and General Management
Stadt:	Hamburg
Land/Region:	Hamburg
Land:	DE-Deutschland
Organisationstyp:	Universität/Fachhochschule/Akademie
Homepage:	http://www.tu-harburg.de/mls

Partner 18

Name:	Hamburg University of Technology/Institute of Maritime Logistics
Stadt:	Hamburg
Land/Region:	Hamburg
Land:	DE-Deutschland
Organisationstyp:	Universität/Fachhochschule/Akademie
Homepage:	http://www.tu-harburg.de/mls

Projektdateien

Caring-brochure.pdf

http://www.adam-europe.eu/prj/9038/prj/Caring-brochure.pdf

Caring-business-card.pdf

http://www.adam-europe.eu/prj/9038/prj/Caring-business-card.pdf

caring_seminar_programme_final-2.pdf

http://www.adam-europe.eu/prj/9038/prj/caring_seminar_programme_final-2.pdf

Produkte

1 Cargo securing learning material

2 Cargo Calculator

3 Translations (EN, FI, IT, DE) of a Swedish “Quick lashing guide for road transportations, following EN

Produkt 'Cargo securing learning material'

Titel:	Cargo securing learning material
Produkttyp:	Lehrmaterial
Marketing Text:	Cargo securing learning material on road, sea, rail and air freely available at www.cargosecuring.info
Beschreibung:	Cargo securing learning material on road, sea, rail and air covers presentation material (Power Point & Pdf) with Teacher's Guide and Student Handbook in English, Finnish, German, Italian and Swedish
Zielgruppe:	Teachers and students in vocational education institutes (transport sector); Personnel at all levels dealing with securing of cargo in a. Transportation companies (road, sea, rail, air), b. Trading sector and manufacturing industry / consignors / Customers of transportation companies who will send out merchandise and finished goods.
Resultat:	Cargo securing learning material on road, sea, rail and air freely available at www.cargosecuring.info
Anwendungsbereich:	Vocational education institutes (transport sector); Transportation companies (road, sea, rail, air); Trading sector and manufacturing industry
Homepage:	www.cargosecuring.info
Produktsprachen:	Schwedisch Italienisch Deutsch Finnisch Englisch

Produkt 'Cargo Calculator'

Titel:	Cargo Calculator
Produkttyp:	andere
Marketing Text:	The Cargo Calculator provides the managerial and planning type of personnel of transportation industry an easy to use tool which is based on research about safe and adequate cargo securing. Freely available at www.cargosecuring.info
Beschreibung:	Excel based Cargo Calculator: Determining the sufficient securing of cargo involves considering multiple variables and requires complex calculations. The Cargo Calculator provides the managerial and planning type of personnel of transportation industry an easy to use tool which is based on research about safe and adequate cargo securing (formulas used in the standard EN12195-1 and IMO Model course 3.18)
Zielgruppe:	Managers, directors, coordinators and engineers in transportation companies who are planning the details of cargo securing and in engineering / manufacturing companies who are planning the transportation of a finished product / any product to be transported.
Resultat:	Excel based Cargo Calculator freely available at www.cargosecuring.info
Anwendungsbereich:	Transportation companies
Homepage:	
Produktsprachen:	Englisch Schwedisch Italienisch Deutsch Finnisch

Produkt 'Translations (EN, FI, IT, DE) of a Swedish “Quick lashing guide for road transportations, following EN 12195-1:2010”'

Titel:	Translations (EN, FI, IT, DE) of a Swedish “Quick lashing guide for road transportations, following EN 12195-1:2010”
Produkttyp:	andere
Marketing Text:	Translations (EN, FI, IT, DE) of a Swedish “Quick lashing guide for road transportations, following EN 12195-1:2010”
Beschreibung:	Translations (EN, FI, IT, DE) of a Quick Guide in Swedish, “Quick lashing guide for road transportations, following EN 12195-1:2010”. The original name of the quide: ”Lastsäkring vid transport på lansväg; Enligt EN 12195-1:2010”. Provides an easy way to check if the cargo securing is sufficient.
Zielgruppe:	Hands-on people responsible for securing goods, students, drivers, hauliers, forwarders, consigners, stevedores, terminal workers, consignors
Resultat:	Translations (EN, FI, IT, DE) of a Swedish “Quick lashing guide for road transportations, following EN 12195-1:2010”; Printed booklets available from the coordinator and local project partners
Anwendungsbereich:	Vocational institutes (logistics sector); transportation companies; industry
Homepage:	
Produktsprachen:	Englisch Finnisch Deutsch Italienisch

Veranstaltungen

CARING Dissemination Seminar

Datum	03.09.2013
Beschreibung	CARING Dissemination Seminar; launching of the project products
Zielgruppe	people working with cargo securing issues in the transport industry; teachers; authorities
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	Anne E. Suominen (anelsu@utu.fi) Sari Nyroos (sari.nyroos@utu.fi)
Zeitpunkt und Ort	September 3, 2013 Helsinki, Finland