Projects and Products Portal for Leonardo da Vinci

L´evaluation et le suivi de la certification des opérateurs sur tron conneuse

UK/09/LLP-LdV/TOI-163_210

http://www.adam-europe.eu/adam/project/view.htm?prj=5126

Information sur le projet

Titre:	L´evaluation et le suivi de la certification des opérateurs sur tron conneuse
Code Projet:	UK/09/LLP-LdV/TOI-163_210
Année:	2009
Type de Projet:	Projets de transfert d'innovation
Statut:	Clôturé
Pays:	UK-Royaume-Uni
Accroche marketing:	Les standard requis et elévaluation de la formation européenne de qualité signifient plus desecurité et plus d´essicacité pour les opérateurs sur tron conneuse
Résumé:	The rationale behind this project was the development of a common set of training and assessment standards for chainsaw operators which has been successfully achieved. Accidents, fatalities and associated economic & personal costs related to chainsaw use are too high and will be significantly reduced via the implementation of these new standards which will be, monitored & updated on a regular basis. Following initial analysis and comparison of training programmes in some partner countries where national training standards did not exist (e.g. Spain, Denmark, Holland & Belgium). The UK national chainsaw training & assessment standards were also evaluated prior to further developments of new standards to the benefit of all partners. High quality European/International training standards and an associated competence assessment should lead to an incremental reduction in accidents and fatalities of chainsaw operators throughout Europe and beyond as Chainsaw Standards are implemented between countries. A better vocational skills base will add value to the economy of the EU and partner countries. Skills & competencies have been transferred between participating countries (not only the project partners) both during and after the project. By the completion of the project 18 different countries had registered and/or participated with association in the project. Target groups the project is having an impact upon are foresters, arborists, landscapers (land-based sector) & other industry sectors such as construction and emergency service operators, which use chainsaws within their employment.
Description:	The project nucleus consisted of the development of a common set of training and assessment standards for chainsaw operators to be implemented through an accredited network of national awarding bodies. Standards were successfully developed following research, testing and consultation phases culminating in clearly designed and logically formatted user friendly learning outcomes. This was further supported in the production of accreditation guidance and other training & assessment materials for European / International chainsaw.
Thèmes:	*** Qualité *** Développement durable *** Formation tout au long de la vie *** Validation, transparence, certification ** Marché du travail ** Étude interculturelle ** Orientation professionnelle ** Égalité des chances ** Formation continue
Sectors:	*** Agriculture, Sylviculture et Pêche ** Enseignement * Autres Activités de Services
Types de Produit:	DVD Méthodes d'évaluation Programme/curriculum Matériel d'apprentissage Transparence et certification Site Internet Modules

Information sur le projet

	Autres Procédure pour l'analyse et le pronostic des besoins de la formation professionnelle
Information sur le produit:	• Dissemination Plan • Management Plan • CS & Mapping Report • EU Accident Report • Chainsaw Standards-CS • Assessor & Verifier Code of Practice • Assessor Approval Guidance & Chart • Site Risk Assessment • Assessor Score Sheets • National Agency Handbook • Memorandum of Association • Chainsaw Certificate-ICC
Page Web du projet:	http://www.aba-skills.com/

Contractant du projet

Nom:	A1 ARBORISTS
Ville:	Wigton
Pays/Région:	North West (UK)
Pays:	UK-Royaume-Uni
Type d'organisation:	Entreprise de petite et de moyenne taille (jusqu'à 250 employés)
Site Internet:	http://www.a1-arborists.com

Personne de contact

Nom:	William Robb
Adresse:	Spittal Rigg
Ville:	Wigton
Pays:	UK-Royaume-Uni
Téléphone:	07753824020
Fax:	
E-mail:	billy@billyrobb.freeserve.co.uk
Site internet:	http://www.a1-arborists.com

Coordinateur

Nom:	A1 ARBORISTS
Ville:	Wigton
Pays/Région:	North West (UK)
Pays:	UK-Royaume-Uni
Type d'organisation:	Entreprise de petite et de moyenne taille (jusqu'à 250 employés)
Site Internet:	http://www.a1-arborists.com

Personne de contact

Nom:	William Robb
Adresse:	Spittal Rigg
Ville:	Wigton
Pays:	UK-Royaume-Uni
Téléphone:	07753824020
Fax:	
E-mail:	billy@billyrobb.freeserve.co.uk
Site internet:	http://www.a1-arborists.com

Partenaire

Partner 1

Nom:	Inverde
Ville:	Hoeilaart
Pays/Région:	Vlaams Brabant
Pays:	BE-Belgique
Type d'organisation:	Organisation d'employeurs
Site Internet:	

Partner 2

Nom:	City & Guilds Land Based Services/ NPTC
Ville:	Stareton
Pays/Région:	Hereford & Worcestershire, Warwickshire
Pays:	UK-Royaume-Uni
Type d'organisation:	Autres
Site Internet:	http://www.nptc.org.uk

Partner 3

Nom:	IPC
Ville:	Arnhem
Pays/Région:	Gelderland
Pays:	NL-Pays-Bas
Type d'organisation:	Organisation d'employeurs
Site Internet:	

Partner 4

Nom:	Skovskolen-University of Copenhagen
Ville:	Noedebovej
Pays/Région:	Frederiksborg Amt
Pays:	DK-Danemark
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.sl.life.ku.dk

Partenaire

Partner 5

Nom:	Kuratorium fur Waldarbeit und Forsttechnik
Ville:	Gross Umstadt
Pays/Région:	Hessen
Pays:	DE-Allemagne
Type d'organisation:	Association/organisation non gouvermentale
Site Internet:	

Partner 6

Nom:	CTFC-Technologic Forestry Center of Catalonia
Ville:	Solsona
Pays/Région:	Cataluna
Pays:	ES-Espagne
Type d'organisation:	Association/organisation non gouvermentale
Site Internet:	

Données du projet

ABA_development_CZECH.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_development_CZECH.pdf

European / International Chainsaw and LOLER Standard - ABA Development CZ

ABA_development_DENMARK.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_development_DENMARK.pdf

European / International Chainsaw and LOLER Standard - ABA Development DENMARK

ABA_development_FRANCE.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_development_FRANCE.pdf

European / International Chainsaw and LOLER Standard - ABA Development FRANCE

ABA_development_IRELAND_SWEDEN.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_development_IRELAND_SWEDEN.pdf

European / International Chainsaw and LOLER Standard - ABA Development Ireland and Sweden

ABA_development_ITALY.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_development_ITALY.pdf

European / International Chainsaw and LOLER Standard - ABA Development ITALY

ABA_development_SPAIN.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_development_SPAIN.pdf

European / International Chainsaw and LOLER Standard - ABA Development SPAIN

ABA_development_UK.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_development_UK.pdf

European / International Chainsaw and LOLER Standard - ABA Development UK

ABA_Newsletter_1.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_Newsletter_1.pdf

NEWSLETTER: European & International Chainsaw and LOLER Certification - ABA International

ABA_Newsletter_2.pdf

http://www.adam-europe.eu/prj/5126/prj/ABA_Newsletter_2.pdf

NEWSLETTER 2 ABA International

Arbor_Open_Day_EN.pdf

http://www.adam-europe.eu/prj/5126/prj/Arbor_Open_Day_EN.pdf

1st INTERNATIONAL TRAINERS EVENT IN ARBORICULTURE

Article-CZ_Nov2010.pdf

http://www.adam-europe.eu/prj/5126/prj/Article-CZ_Nov2010.pdf

Article - Lesnická Práce CZ, Nov 2010

Données du projet

HISTORY_European_International_Chainsaw_Certification.pdf

http://www.adam-europe.eu/prj/5126/prj/HISTORY_European_International_Chainsaw_Certification.pdf

HISTORY - European & International Chainsaw Certification

INVITATION_ABA_International_GA.pdf

http://www.adam-europe.eu/prj/5126/prj/INVITATION_ABA_International_GA.pdf

Invitation ABA INTERNATIONAL GA

LOCATION_ABA_International_GA.pdf

http://www.adam-europe.eu/prj/5126/prj/LOCATION_ABA_International_GA.pdf

LOCATION ABA International GA

PROFESNÍ_KURZY_LESNICTVÍ_A_ARBORISTIKA_2014.pdf

http://www.adam-europe.eu/prj/5126/prj/PROFESN%C3%8D_KURZY_LESNICTV%C3%8D_A_ARBORISTIKA_2014.pdf

PROFESNÍ KURZY LESNICTVÍ A ARBORISTIKA 2014

REGISTRATION_ABA_International_GA.pdf

http://www.adam-europe.eu/prj/5126/prj/REGISTRATION_ABA_International_GA.pdf

REGISTRATION ABA International GA

Produits

1 ICC/ECC: International / European Chainsaw Standard - Level 1 - Basic chainsaw maintenance and

2 ICC/ECC: International / European Chainsaw Standard - Level 2 - Basic tree felling

3 ICC/ECC: International / European Chainsaw Standard - Level 3 - Advanced felling

4 ICC/ECC: International / European Chainsaw Standard - Level 4 - Windblown trees

5 Association

6 Accident report

7 Assessor Approval Guidance

8 Assessor Approval Chart

9 Site Specific Risk assessment

10 Assessor COP

11 Awarding body guidance

12 ICS/ECS and Mapping Report

13 Website

14 PROJECT REPORTS 1-5 CHAINSAW ACCIDENTS

15 European / International Chainsaw and LOLER Standard - ABA Development CZ

Produit 'ICC/ECC: International / European Chainsaw Standard - Level 1 - Basic chainsaw maintenance and crosscutting'

Titre:	ICC/ECC: International / European Chainsaw Standard - Level 1 - Basic chainsaw maintenance and crosscutting
Type de Produit:	Transparence et certification
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

product files

ABA_product10_European Chainsaw Standards & Exam Matrix.pdf

http://www.adam-europe.eu/prj/5126/prd/1/1/ABA_product10_European%20Chainsaw%20Standards%20%26%20Exam%20Matrix.pdf
CHAINSAW STANDARDS

Produit 'ICC/ECC: International / European Chainsaw Standard - Level 2 - Basic tree felling'

Titre:	ICC/ECC: International / European Chainsaw Standard - Level 2 - Basic tree felling
Type de Produit:	Transparence et certification
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

Produit 'ICC/ECC: International / European Chainsaw Standard - Level 3 - Advanced felling'

Titre:	ICC/ECC: International / European Chainsaw Standard - Level 3 - Advanced felling
Type de Produit:	
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

Produit 'ICC/ECC: International / European Chainsaw Standard - Level 4 - Windblown trees'

Titre:	ICC/ECC: International / European Chainsaw Standard - Level 4 - Windblown trees
Type de Produit:	
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	

Produit 'Association'

Titre:	Association
Type de Produit:	
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

Produit 'Accident report'

Titre: Accident report

Type de Produit:

Texte marketing: A Review of European Chainsaw Fatalities, Accidents and Trends

Description: Due to the inherent risks and dangers associated with tree work, particularly in the use of chainsaws, and with increased mobility of tree workers throughout Europe, recognition and harmonisation of skills certification is becoming more important. A lack of recognition or understanding of the skills level of chainsaw operator's certification has been a barrier to employers and operators alike throughout Europe.

Cible:

Résultat: As a result, of a careful mapping process of national occupational standards between a number of European countries, a core set of European/International chainsaw standards (ICS) have been developed. This process has been outlined in a separate report . These build upon various levels of skill from basic through to advanced and have taken into consideration problems and accidents affecting chainsaw operators. They cover the criteria necessary for employment within European tree work and related sectors. Pilot testing of the standards has been undertaken in the classroom, workshops and forests of Spain, Denmark, Czech Republic and the UK. This provided a broad perspective on the range of tree species, possible problems and different environments represented in a European context. During this period consultation with the tree work industry and numerous representatives throughout Europe has been ongoing.

Domaine d'application: By maintaining quality control at the International level NAB will foster the continuous improvement of national training and examination standards, which as a minimum, must meet the criteria set out within ICS and the rules & regulations developed within the ICC scheme. Positive implementation of these developments is likely to result in a more effective and competent European chainsaw operator leading to an overall reduction in accidents, and more importantly, less fatalities.

Adresse du site Internet:

Langues de produit: anglais

Produit 'Assessor Approval Guidance'

Titre:	Assessor Approval Guidance
Type de Produit:	
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

Produit 'Assessor Approval Chart'

Titre:	Assessor Approval Chart
Type de Produit:	
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

Produit 'Site Specific Risk assessment'

Titre:	Site Specific Risk assessment
Type de Produit:	
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

Produit 'Assessor COP'

Titre:	Assessor COP
Type de Produit:	
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

Produit 'Awarding body guidance'

Titre:	Awarding body guidance
Type de Produit:	
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

Produit 'ICS/ECS and Mapping Report'

Titre:	ICS/ECS and Mapping Report
Type de Produit:	Méthodes d'évaluation
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

product files

ICS and Mapping Report No.1.pdf

http://www.adam-europe.eu/prj/5126/prd/12/1/ICS%20and%20Mapping%20Report%20No.1.pdf
ICS Development and Mapping Report

Produit 'Website'

Titre:	Website
Type de Produit:	Site Internet
Texte marketing:	http://www.aba-skills.com/
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	http://www.aba-skills.com/
Langues de produit:	anglais

Produit 'PROJECT REPORTS 1-5 CHAINSAW ACCIDENTS'

Titre:	PROJECT REPORTS 1-5 CHAINSAW ACCIDENTS
Type de Produit:	Transparence et certification
Texte marketing:	
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

product files

PROJECT REPORTS

ACCIDENTS IN THE FORESTRY SECTOR IN SPAIN-2010 v_2_.pdf

http://www.adam-europe.eu/prj/5126/prd/14/2/ACCIDENTS%20IN%20THE%20FORESTRY%20SECTOR%20%20%20%20%20%20IN%20SPAIN-2010%20v_2_.pdf

CZ-Úrazy_pi_práci_s_MRP.pdf

http://www.adam-europe.eu/prj/5126/prd/14/2/CZ-%C3%9Arazy_p%C5%99i_pr%C3%A1ci_s_MRP.pdf
Injuries during work with a chainsaw in the Czech Republic (Leonardo Project Report no.4)

german-accidents-chainsaw_PDF.pdf

http://www.adam-europe.eu/prj/5126/prd/14/2/german-accidents-chainsaw_PDF.pdf
Summary of German state sector statistics (Leonardo Project Report no.3)

Slovakia_injury_analysis_.pdf

http://www.adam-europe.eu/prj/5126/prd/14/2/Slovakia_injury_analysis_.pdf
Analysis of injuries in chainsaw operations in the Slovak forest sector (Leonardo Project Report no.5)

UK chainsaw accident review.pdf

http://www.adam-europe.eu/prj/5126/prd/14/2/UK%20chainsaw%20accident%20review.pdf
UK report no.1 chainsaw accidents

Produit 'European / International Chainsaw and LOLER Standard - ABA Development CZ'

Titre:	European / International Chainsaw and LOLER Standard - ABA Development CZ
Type de Produit:	Transparence et certification
Texte marketing:	European / International Chainsaw and LOLER Standard - ABA Development CZ
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	http://www.aba-skills.com/
Langues de produit:	

product files

European / International Chainsaw and LOLER Standard - ABA Development CZ

ABA development_CZECH.pdf

http://www.adam-europe.eu/prj/5126/prd/15/2/ABA%20development_CZECH.pdf
European / International Chainsaw and LOLER Standard / Qualification - ABA Development CZ

Événements

ABA International 2nd GENERAL ASSEMBLY - Copenhagen - DK

Date	09.09.2014
Description	
Cible	Trainers, Assessors, Trainees, Awarding Bodies
Public	Événement public
Informations de contact	www.aba-skills.com secretariat@aba-skills.com CCagency, info@ccagency.cz Jens Henrik Hansen, jhh@life.ku.dk
Date et lieu	9-11 Sep 2014 University of Copenhagen

ABA International STANDARD SETTING EVENT

Date	08.05.2014
Description	Award Development & Training
Cible	Trainers, Assessors, Trainees, Awarding Bodies
Public	Événement public
Informations de contact	www.aba-skills.com Pavel Nevrkla, pavel.nevrkla@mendelu.cz Kristýna Dvoáková, info@ccagency.cz
Date et lieu	8-10 May 2014 Brno, Czech Republic

Événements

ABA International 1st GENERAL ASSEMBLY - Brno - CZ

Date	04.09.2013
Description	At the recent ABA International-General Assembly held in Czech Republic a great deal of progress was made which includes: - Agreement & signing of the ABA Memorandum of Association - Establishment of the International Standards & Accreditation Council (ISAC) - Testing & updating on the International Skills Register - Review & amendments of the International Chainsaw Standards - Observation of various Forestry & Machinery skills demonstrations In conclusion, all partners observed a live ICC European Chainsaw assessment of a Czech candidate Mr Adam Cach. Mr Cach successfully passed at both Level 1 & Level 2 demonstrating a very professional performance of his chainsaw skills. Over 200 successful ICC European chainsaw assessments have now taken place & have been recorded on the skills register. Further skills certifications are planned for development & evaluation by ISAC during 2014. Successful evaluations will be added to the qualifications database for use & recognition within partner countries.
Cible	Forestry and Arboriculture Sector
Public	Événement public
Informations de contact	Pavel Nevrkla, nevce@seznam.cz Kristyna Dvorackova, kristynad@gmail.com
Date et lieu	Mendelu University Brno, CZ

Dissemination Freiburg

Date	26.09.2011
Description	Project Promotion
Cible	forestry Organisations
Public	Événement public
Informations de contact	www.aba-skills.com
Date et lieu	26-30 Sep 2011, Freiburg, Germany

Événements

Leonardo Assessor Standard Setting & Verification Event in Scotland - INTERNATIONAL / EUROPEAN CHAINSAW CERTIFICATE ICC2-4

Date	20.09.2011
Description	Chainsaw Level 4 techniques & evaluations
Cible	Instructors, Assessors & Candidates
Public	Événement public
Informations de contact	www.aba-skills.com Billy Robb, billy@billyrobb.freeserve.co.uk
Date et lieu	20-23 Oct 2011 Dumfries, UK

Management meeting London

Date	24.08.2011
Description	Project Discussions
Cible	
Public	Événement public
Informations de contact	www.aba-skills.com Steve Hewitt, steve.hewitt@cityandguilds.com
Date et lieu	24-25 Aug 2011 London, UK

Événements

EAIOCOC/ICC Assessors Standards Setting & Technical Evaluation in Brno - INTERNATIONAL / EUROPEAN CHAINSAW CERTIFICATE ICC1-3

Date	27.06.2011
Description	Chainsaw Testing & Evaluation Level 3
Cible	Instructors, Assessors, Candidates
Public	Événement public
Informations de contact	www.aba-skills.com Kristyna Dvorackova, kristynad@gmail.com Pavel Nevrkla, pavel.nevrkla@mendelu.cz
Date et lieu	27 June - 1 July 2011 in Brno, Czech republic

Founding meeting in Brno

Date	16.03.2011
Description	Partner discussions on alternative awarding body structures led to the foundation of non-profit organisation to implement the chainsaw standards www.aba-skills.com
Cible	Various
Public	Événement public
Informations de contact	www.aba-skills.com Kristyna Dvorackova, kristynad@gmail.com Pavel Nevrkla, pavel.nevrkla@mendelu.cz
Date et lieu	16-17 March 2011 in Brno, Czech republic

Événements

EAIOCOC/ConCert meeting Brussels

Date	03.02.2011
Description	
Cible	
Public	Événement non public
Informations de contact	www.aba-skills.com
Date et lieu	3.2.2011 in Brussels, Belgium

Certification meeting

Date	14.12.2010
Description	
Cible	
Public	Événement non public
Informations de contact	www.aba-skills.com
Date et lieu	14.12.2010 in Gross Umstadt, Germany

Project meeting in Brussels

Date	06.10.2010
Description	
Cible	
Public	Événement non public
Informations de contact	www.aba-skills.com
Date et lieu	6-7 Oct 2010, Brusels, Belgium

Événements

Training meeting in Denmark - INTERNATIONAL / EUROPEAN CHAINSAW CERTIFICATE ICC3-4

Date	20.09.2010
Description	Review the draft of European / International chainsaw competence standards (ICC3, ICC4), Piloting/testing of the draft European competence examination and procedures.
Cible	Trainers, Assessors, Candidates
Public	Événement public
Informations de contact	www.aba-skills.com Billy Robb, billy@billyrobb.freeserve.co.uk Bo Brockman, BBRO@life.ku.dk Jens Henrik Hansen, JHH@life.ku.dk
Date et lieu	20-22 Sep 2010, Nodebo, Denmark

Training meeting in Vidra - INTERNATIONAL / EUROPEAN CHAINSAW CERTIFICATE ICC1-2

Date	12.04.2010
Description	Review the draft of European chainsaw competence standards (ICC1, ICC2), Piloting and testing of the draft European / International competence examination and procedures.
Cible	Trainers, Assessors, Candidates
Public	Événement public
Informations de contact	www.aba-skills.com Billy Robb, billy@billyrobb.freeserve.co.uk,
Date et lieu	12-16.4.2010, Vidra, Spain.

Événements

Project meeting in Spain

Date	10.03.2010
Description	
Cible	
Public	Événement public
Informations de contact	www.aba-skills.com
Date et lieu	10-12.3.2010, Solsona, Spain.

Management meeting and Workshop NPTC

Date	12.11.2009
Description	Workshop to review the role of the National Awarding Body and Approved Centres/Training Providers.
Cible	Various
Public	Événement public
Informations de contact	www.aba-skills.com Steve Hewitt, steve.hewitt@nptc.org.uk
Date et lieu	12-13.11.2009, Stoneleigh Park, UK

Project meeting in Brussels

Date	16.10.2009
Description	Project Management Tasks & Partner Roles
Cible	Various
Public	Événement public
Informations de contact	www.aba-skills.com
Date et lieu	16-17.10.2009, Brussels, Belgium.

Événements

Seminar Copenhagen & Project Planning Meeting

Date	13.10.2009
Description	The core of meeting was to improve the access of forestry contractors to forest management certification (special focus on Europe). 2nd meeting Project Implementation Mr Robb & Mr Christensen project development & management plans established.
Cible	Recommendations and ideas for implementing the project.
Public	Événement public
Informations de contact	www.aba-skills.com Billy Robb, billy@billyrobb.freeserve.co.uk Ib Henning Christensen, IHC@life.ku.dk
Date et lieu	13.10.2009. Copenhagen, Denmark.