Projects and Products Portal for Leonardo da Vinci

Neue Gestalter/Designer für Produktionsprozesse – hoch ergonomisch und sicher

503041-LLP-1-2009-1- IT-LEONARDO-LMP

http://www.adam-europe.eu/adam/project/view.htm?prj=5491

Projektinformationen

Titel:	Neue Gestalter/Designer für Produktionsprozesse – hoch ergonomisch und sicher
Projektnummer:	503041-LLP-1-2009-1- IT-LEONARDO-LMP
Jahr:	2009
Projekttyp:	Innovationsentwicklung
Status:	abgeschlossen
Land:	EU-Zentralisierte Projekte
Marketing Text:	Das Projekt ERGOMAN hat zum Ziel, ein Lernprofil für einen neu entwickelten " Prozess- und Arbeitsplatz für Designer zu definieren sowie anschließend ein Trainingsmodel basierend auf diesem Profil zu etablieren. Es ist vorgesehen, dass dieses Model strategische Bedeutung für alle industriellen Produktdesigner haben soll und Europaweit angewandt wird. Die Kompetenzen und Methodologien, die im Rahmen des ERGOMAN –Projektes entwickelt werden, sollen ein hoch qualitatives Model für lebenslanges Lernen etablieren, das von allen genutzt werden kann: Ergonomie Zentren, Firmen, Netzwerke und Universitäten (beginnend mit CREE, SIA u.a.). Angesicht der interdisziplinäre Nature des vorherrschenden Wissens und zur bestmöglichen Unterstützung der lehrenden Praktikanten in ihrer persönlichen Entwicklung, werden die im Rahmen des ERGOMAN entwickelten pädagogische Methoden nicht nur für Trainingszwecken und Materialien angewandt, um die definierte Kompetenzen zu erreichen, sondern auch für die empfohlenen Lernmethoden (aktives Lernen, die Leitlinie von Experten während der Trainings Zeitrahmens, u.a.), Tools (ICT aided learning) und Häufigkeit der Trainings. Anwender zu treffen sowie eine solides Kooperations-netzwerk zu schaffen.
Zusammenfassung:	The human is central to process flexibility due to the ability to adapt to changing production scenario, equipment configurations, apply discretion and make choices difficult to program into equipment. But if there is a mismatch between the workload exposure and the person ability, repercussions can include reduced productivity, injury and quality problems. Continuous inflexibility production lines are more easily designed for optimal worker performance. High value added process in industry customises products and create high-value low-volume intelligent solutions, and this needs flexibility. Thus, the challenge is to train students, post graduated and professionals with adaptive, quick-response, process ergonomics design and evaluation skills, for modern flexible manufacturing process to improve quality, productivity and health of the worker. This necessitates competence needs analysis and development of a responsive training model in ergonomic production processes design, in workplace ergonomics and safety optimisation. An iterative dissemination and quality loop will involve network creation for collaboration among professionals and centres of excellence.
Beschreibung:	Erwartete Hauptergebnisse aus dem ERGOMAN Projekt: - Neue Definition von Kompetenzprofile für Gestalter der Produktionsprozessen und Arbeitsplatzen mit Berücksichtigung der Ergonomie (Ergo-Gestalter / Ergo-Designer); - Lernmodel für Training von Ergo-Designer; - Netzwerk von Kompetenzzentren, Trainingsstrukturen und neuen Ergo-Designer. Vorausgesehene Wirkung/ Einfluss - Reduzierung von beruflichen Schädigungen bei Arbeitspersonen und Kosten für Unternehmen; - Reduzierung von Kosten für Arbeitsmedizin und Sozialvorsorge für EU-Staaten - Verbesserung der Produktivität und Qualität an Arbeitsplätzen und in Produktionsprozessen - Verbesserung der Flexibilität in Verbindung neuer Produktgestaltung und Senkung von Kosten für Prozessumstellung - Hohe Qualität und mehr Kompetenzen bei der Lösung technischer Probleme - Erhöhung der Implementierung von Wissens-und Kompetenzplänen, Gesetzgebung und Standards auf dem Gebiet Arbeitsschutz an Arbeitsplätzen in Europa

Projektinformationen

Themen: ** Lebenslanges Lernen
* Weiterbildung

Sektoren: *** Verarbeitendes Gewerbe/Herstellung von Waren
** Erbringung von Freiberuflichen, Wissenschaftlichen und Technischen Dienstleistungen
* Gesundheits- und Sozialwesen

Produkt Typen: andere
Verfahren zur Analyse und Prognose des Berufsbildungsbedarfes
Programme/Curricula
Homepage
Beschreibung neuer Berufsprofile

Produktinformation: - Bericht bezüglich der industriellen Anforderungen zum ergonomischen Design von Arbeitsplätzen, Produktionsprozessen sowie Arbeitsumgebungen
- “Ergodesigner”- Profil mit der Definition von Kompetenzen und neue Curricula
- Training Model für “Ergodesigner” mit Inhalten, Methodologie und Trainingstools
- Ergoman Internetseite
- Netzwerk von Interesenten für Ergoman
- Organisation von vier Ergoman Workshops in Deutschland, Irland, Slowenien und Italien

Projektwebseite: http://www.ergoman.eu

Vertragnehmer

Name:	CONSORZIO PER LA RICERCA E L'EDUCAZIONE PERMANENTE
Stadt:	Torino
Land/Region:	Piemonte
Land:	IT-Italien
Organisationstyp:	andere
Homepage:	http://www.corep.it

Kontaktperson

Name:	Sabrina Laverdino
Adresse:	Corso Trento 13
Stadt:	Torino
Land:	IT-Italien
Telefon:	+39-011-19742432
Fax:	+39-011-19742429
E-Mail:	slaverdino@corep.it
Homepage:	http://www.corep.it

Koordinator

Name:	CONSORZIO PER LA RICERCA E L'EDUCAZIONE PERMANENTE
Stadt:	Torino
Land/Region:	Piemonte
Land:	IT-Italien
Organisationstyp:	andere
Homepage:	http://www.corep.it

Kontaktperson

Name:	Sabrina Laverdino
Adresse:	Corso Trento 13
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Fax:	+39-011-19742429
E-Mail:	slaverdino@corep.it
Homepage:	http://www.corep.it

Partner

Partner 1

Name:	University of Limerick
Stadt:	Limerick
Land/Region:	Southern and Eastern
Land:	IE-Irland
Organisationstyp:	Universität/Fachhochschule/Akademie
Homepage:	http://www.ul.ie

Partner 2

Name:	Vivapen D.O.O.
Stadt:	Celje
Land/Region:	Extra Regio
Land:	SI-Slowenien
Organisationstyp:	KMU - Klein- und Mittelunternehmen (bis zu 250 Mitarbeiter)
Homepage:	http://www.vivapen.com

Partner 3

Name:	Centro Ricerche Fiat
Stadt:	Orbassano (TO)
Land/Region:	Piemonte
Land:	IT-Italien
Organisationstyp:	Großunternehmen (über 250 Mitarbeiter)
Homepage:	http://www.crf.it

Partner 4

Name:	Technische Universität Darmstadt
Stadt:	Darmstadt
Land/Region:	Darmstadt
Land:	DE-Deutschland
Organisationstyp:	Universität/Fachhochschule/Akademie
Homepage:	http://www.arbeitswissenschaft.de

Projektdateien

2009_2177_FR_ERGOMAN_product n.23 ERGOMAN_results leaflet.pdf

http://www.adam-europe.eu/prj/5491/prj/2009_2177_FR_ERGOMAN_product%20n.23%20ERGOMAN_results%20leaflet.pdf

ERGOMAN Results leaflet

2009_2177_FR_ERGOMAN_pub.pdf

http://www.adam-europe.eu/prj/5491/prj/2009_2177_FR_ERGOMAN_pub.pdf

ERGOMAN Final Report (Public version)

2009_2177_PR_ERGOMAN_pub.pdf

http://www.adam-europe.eu/prj/5491/prj/2009_2177_PR_ERGOMAN_pub.pdf

ERGOMAN_Progress Report_October 30, 2010

D2-1Needs Evaluation_def _for publication.pdf

http://www.adam-europe.eu/prj/5491/prj/D2-1Needs%20Evaluation_def%20_for%20publication.pdf

Deliverable D2.1, "Needs Evaluation"

ERGOMAN_flyer_def.pdf

http://www.adam-europe.eu/prj/5491/prj/ERGOMAN_flyer_def.pdf

proceedings_ERGOMAN_1st_workshop_DEF.pdf

http://www.adam-europe.eu/prj/5491/prj/proceedings_ERGOMAN_1st_workshop_DEF.pdf

Proceedings of the 1st Ergoman Workshop, Darmstadt, Germany, March 24, 2010

proceedings_ERGOMAN_2nd_workshop.pdf

http://www.adam-europe.eu/prj/5491/prj/proceedings_ERGOMAN_2nd_workshop.pdf

Proceeding of the Second ERGOMAN Workshop
20th of October 2010 from 14.00 to 17.00
Castletroy Park Hotel, Castletroy, Limerick, Ireland

proceedings_ERGOMAN_3rd_Workshop_Celje.pdf

http://www.adam-europe.eu/prj/5491/prj/proceedings_ERGOMAN_3rd_Workshop_Celje.pdf

Proceedings of the Third ERGOMAN Workshop
24th of March 2011 from 14.00 to 17.00
Vivapen d.o.o., Gaji 41, SI-3000 Celje, Slovenia

Proceedings_ERGOMAN_final_Workshop_def.pdf

http://www.adam-europe.eu/prj/5491/prj/Proceedings_ERGOMAN_final_Workshop_def.pdf

Proceedings FINAL ERGOMAN Workshop
19th of September 2011 from 14.00 to 17.00
COREP, Corso Trento 13, Torino, Italy

Produkte

1 ERGOMAN web site

2 Needs evaluation

3 Ergodesigner Profile

4 Process Ergodesigner Training Model

5 Validation plan and results

6 ERGOMAN leaflet

7 First ERGOMAN workshop and Proceedings

8 Second ERGOMAN workshop and Proceedings

9 Third ERGOMAN workshop and Proceedings

10 First ERGOMAN workshop and Proceedings

11 ERGOMAN Progress Report

12 ERGOMAN Results leaflet

13 ERGOMAN Final Report

Produkt 'ERGOMAN web site'

Titel:	ERGOMAN web site
Produkttyp:	Homepage
Marketing Text:	Project web site, presenting its aims, events and results. Through the web, the different targets can apply as interested parties in the project.
Beschreibung:	Project web site (translate in all partners languages) with the presentation of the project (public area) and restricted access work-area with communication facilities for the partnership. The website will contain: general information about project, list of companies, bodies and associations expressing interest in the project, intermediate results and final deliverables (where of public nature), news about workshops and other events organised by the project or where the project is presented.
Zielgruppe:	
Resultat:	www.ergoman.eu
Anwendungsbereich:	
Homepage:	
Produktsprachen:	Deutsch Italienisch Slowenisch Englisch

Produkt 'Needs evaluation'

Titel:	Needs evaluation
Produkttyp:	Verfahren zur Analyse und Prognose des Berufsbildungsbedarfes
Marketing Text:	Identification of main needs of industry as for ergonomic design of workplaces and work environment of production processes. The needs analysis was carried out by the support of a methodology, developed for this purpose and applied to the big industry and SME, with direct investigations on designers, manager, professionals and students in 4 different countries.
Beschreibung:	Document reporting the results of the study carried out in order to define the real needs of a new profile of professionals in the field of ergonomics an safety design of workplaces and production processes in industry. The deliverable will contain also the procedure for the needs assessment and a clear identification of the balancing matrix about needs coming from different factors.
Zielgruppe:	The targets of this result are industries, organisations, universities and professionals working in the field of ergonomy.
Resultat:	The study was carried out through observation, interview and focus group as well as by questionnaire spread to the people working in the ergonomics field. The activity highlighted the needs about the people to which the educational model should be addressed (students, workers, managers,..). The deliverable with its results is published on the ERGOMAN we site.
Anwendungsbereich:	
Homepage:	www.ergoman.eu
Produktsprachen:	Englisch

product files

2009_2177_FR_ERGOMAN_product n.1_D2-1Needs Evaluation.pdf

http://www.adam-europe.eu/prj/5491/prd/2/1/2009_2177_FR_ERGOMAN_product%20n.1_D2-1Needs%20Evaluation.pdf
Deliverable "Needs Evaluation"

Produkt 'Ergodesigner Profile'

Titel:	Ergodesigner Profile
Produkttyp:	Beschreibung neuer Berufsprofile
Marketing Text:	Document reporting the results of the study carried out to define the competences of a new profile of professionals in the field of ergonomics and safety design of workplaces and production processes in industry. The deliverable-in intermediate and final version-should contain also the methods to achieve the competence definition and a clear identification of the list of the competences necessary.
Beschreibung:	Document reporting the results of the study carried out to define the competences of a new profile of professionals in the field of ergonomics and safety design of workplaces and production processes in industry. The deliverable-in intermediate and final version-should contain also the methods to achieve the competence definition and a clear identification of the list of the competences necessary.
Zielgruppe:	Target are organisations, universities, industries and policy makers.
Resultat:	
Anwendungsbereich:	
Homepage:	
Produktsprachen:	Englisch

Produkt 'Process Ergodesigner Training Model'

Titel: Process Ergodesigner Training Model

Produkttyp: Programme/Curricula

Marketing Text: Definition of the Training Model to be adopted for an efficacy and efficient achievement of the Process Ergo-designer profile of competence, defined through:
-Ergonomics multidisciplinary Knowledge Areas for students, professional and workers
-Main topics (syllabus) to be trained/learned in order to reach a given level of competence
-Suggested pedagogical approaches on the basis of the target (active learning, experiential learning, traditional training, distance learning, problem solving approach…) and of learning goals
-Suggested training activities for each level of competence
-Suggested training technologies that could be adopted for each level of competence
-Suggested assessment methods that could be adopted for each level of competence
-Concept maps of learning units (entry level, topics, goals)

Beschreibung: Documents (an intermediate and a final one) reporting the results of the study carried out to define the didactical model. Description of the main content of the didactical model and the description of methodology for anthropocentric design of processes, workplaces and work environment.

Zielgruppe: Target of the deliverable: students of technical institutes or post graduate and/or professionals already working in the industry having technical skills.

Resultat: Main results of the Training model:
-Identification of multidisciplinary knowledge areas required for each competence of the process ergodesigner profile
-For each competency level identified, definition of topics, training activities and suggested assessment method (training model)
-Description of the most suitable pedagogical approaches to be used in the training of process ergodesigners
-Concept maps exploiting the training model related to the Cross Matrix (ergodesigner profile) for each user and required level

Anwendungsbereich: Training and VET organisation, Universities, Trainers, Professionals, Industries

Homepage:

Produktsprachen: Englisch

Produkt 'Validation plan and results'

Titel:	Validation plan and results
Produkttyp:	Evaluierungsmethoden
Marketing Text:	Validation of the competence profile and of the training model made by an identified assessment methodology and built through the involvement of external panels (experts, ergonomics society members, trainers, real users of the 3 different categories-students, professionals, designers).
Beschreibung:	Method for the model validation (including criteria of analysis, focus group definition, and thirds parties involved) and documents (an intermediate one after the first validation phase and a final one at the end of the assessment) reporting the results of the validation activity carried out and consequent improvements to be done to the didactical model or competence profile.
Zielgruppe:	Designers, Professionals, Students in ergonomics
Resultat:	Assessment of the process ergodesigner competence profile and training model, with indication of modifications to be made on intermediate results.
Anwendungsbereich:	
Homepage:	
Produktsprachen:	Englisch

Produkt 'ERGOMAN leaflet'

Titel:	ERGOMAN leaflet
Produkttyp:	andere
Marketing Text:	Paper and electronic leaflet presenting the project. The leaflet will be distributed in conferences and events related to project subjects, through the web site and via e-mail to the contacts reported in the dissemination plan.
Beschreibung:	Paper and electronic leaflet presenting the project. The leaflet will be distributed in conferences and events related to project subjects, through the web site and via e-mail to the contacts reported in the dissemination plan.
Zielgruppe:	
Resultat:	
Anwendungsbereich:	
Homepage:	
Produktsprachen:	Englisch

product files

2009_2177_FR_ERGOMAN_product n.23 ERGOMAN_results leaflet.pdf

http://www.adam-europe.eu/prj/5491/prd/6/1/2009_2177_FR_ERGOMAN_product%20n.23%20ERGOMAN_results%20leaflet.pdf
ERGOMAN Results Leaflet

Produkt 'First ERGOMAN workshop and Proceedings'

Titel:	First ERGOMAN workshop and Proceedings
Produkttyp:	andere
Marketing Text:	First ERGOMAN Workshop:"Ergoman-Project: Contribution to Ergonomics Training" 24th of March 2010, from 14.00 to 18.00. Darmstadtium, Room 3.08 Address: Schlossgraben 1 D-64283 Darmstadt www.darmstadtium.de
Beschreibung:	The workshop is inserted in the German National congress "GfA_ Kogress"
Zielgruppe:	All target of the project will be invited to participate and send presentations related to ergonomy and safety.
Resultat:	The workshop has been inserted in the GfA Kongress (370 participants). The workshop had 6 speakers and 18 participants, most of them representative of the major German car industries. Interesting consideration were raised to be kept in account in the ERGOMAN project. Proceedings have been published.
Anwendungsbereich:	
Homepage:	
Produktsprachen:	Englisch

product files

PROCEEDINGS

2009_2177_FR_ERGOMAN_product n.9_D7-4_ proceedings_1st_workshop.pdf

http://www.adam-europe.eu/prj/5491/prd/7/2/2009_2177_FR_ERGOMAN_product%20n.9_D7-4_%20proceedings_1st_workshop.pdf
Proceedings of the First Ergoman Workshop held in Germany.

Produkt 'Second ERGOMAN workshop and Proceedings'

Titel:	Second ERGOMAN workshop and Proceedings
Produkttyp:	andere
Marketing Text:	Organisation of the Second ERGOMAN Workshop in Limerick, Ireland in October 2010.
Beschreibung:	
Zielgruppe:	All target of the project will be invited to participate and send presentations or papers related to ergonomy and safety.
Resultat:	
Anwendungsbereich:	
Homepage:	
Produktsprachen:	Englisch

product files

2009_2177_FR_ERGOMAN_product n.24_D7.6 Proceedings_2nd_workshop_Limerick.pdf

http://www.adam-europe.eu/prj/5491/prd/8/1/2009_2177_FR_ERGOMAN_product%20n.24_D7.6%20Proceedings_2nd_workshop_Limerick.pdf
Proceedings of the Second ERGOMAN Workshop held in Ireland.

Produkt 'Third ERGOMAN workshop and Proceedings'

Titel:	Third ERGOMAN workshop and Proceedings
Produkttyp:	
Marketing Text:	Organisation of the Second ERGOMAN Workshop in Slovenia in March 2011.
Beschreibung:	
Zielgruppe:	All target of the project will be invited to participate and send presentations or papers related to ergonomy and safety.
Resultat:	
Anwendungsbereich:	
Homepage:	
Produktsprachen:	Englisch

product files

2009_2177_FR_ERGOMAN_product n.25-1_D7.8 Proceedings_3rd_Workshop_Celje.pdf

http://www.adam-europe.eu/prj/5491/prd/9/1/2009_2177_FR_ERGOMAN_product%20n.25-1_D7.8%20Proceedings_3rd_Workshop_Celje.pdf
Proceedings of the Third Ergoman Workshop in Slovenia.

Produkt 'First ERGOMAN workshop and Proceedings'

Titel:	First ERGOMAN workshop and Proceedings
Produkttyp:	andere
Marketing Text:	Organisation of the Final ERGOMAN Workshop in Turin, Italy in September 2011.
Beschreibung:	
Zielgruppe:	All target of the project will be invited to participate and send presentations or papers related to ergonomy and safety.
Resultat:	
Anwendungsbereich:	
Homepage:	
Produktsprachen:	Englisch

product files

2009_2177_FR_ERGOMAN_product n.26-1 D7.10 Proceedings_Final_Workshop.pdf

http://www.adam-europe.eu/prj/5491/prd/10/1/2009_2177_FR_ERGOMAN_product%20n.26-1%20D7.10%20Proceedings_Final_Workshop.pdf
Proceedings of the Final ERGOMAN Workshop held in Italy.

Produkt 'ERGOMAN Progress Report'

Titel:	ERGOMAN Progress Report
Produkttyp:	andere
Marketing Text:	Public version of the ERGOMAN Progress report
Beschreibung:	Document where it has been described the results of the first year of the project.
Zielgruppe:	Trainers and students interested in Ergonomics, managers-designers-professionals of mechanical production companies, decision-makers in universities, companies and public bodies.
Resultat:	
Anwendungsbereich:	
Homepage:	www.ergoman.eu
Produktsprachen:	Englisch

product files

2009_2177_PR_ERGOMAN_pub.pdf

http://www.adam-europe.eu/prj/5491/prd/11/1/2009_2177_PR_ERGOMAN_pub.pdf
ERGOMAN Progress report

Produkt 'ERGOMAN Results leaflet'

Titel:	ERGOMAN Results leaflet
Produkttyp:	andere
Marketing Text:	Leaflet reporting the main results of the project.
Beschreibung:	
Zielgruppe:	
Resultat:	
Anwendungsbereich:	
Homepage:	
Produktsprachen:	

product files

2009_2177_FR_ERGOMAN_product n.23 ERGOMAN_results leaflet.pdf

http://www.adam-europe.eu/prj/5491/prd/12/1/2009_2177_FR_ERGOMAN_product%20n.23%20ERGOMAN_results%20leaflet.pdf
Leaflet reporting the main results of the project.

Produkt 'ERGOMAN Final Report'

Titel:	ERGOMAN Final Report
Produkttyp:	andere
Marketing Text:	Public version of the ERGOMAN Final Report
Beschreibung:	
Zielgruppe:	
Resultat:	
Anwendungsbereich:	
Homepage:	
Produktsprachen:	

product files

2009_2177_FR_ERGOMAN_pub.pdf

http://www.adam-europe.eu/prj/5491/prd/13/1/2009_2177_FR_ERGOMAN_pub.pdf
ERGOMAN Final Report

Veranstaltungen

Final ERGOMAN Workshop

Datum	19.09.2011
Beschreibung	Final ERGOMAN Workshop: "Increase the work efficiency and productivity by the ergonomics improving at work"
Zielgruppe	Industry, SMEs and professionals:Managers, operations managers, engineers, health and safety practitioners, ergonomists, occupational health professionals and risk managers. University Professors, Researcher and Students.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	infoergoman@corep.it www.ergoman.eu http://www.corep.it
Zeitpunkt und Ort	19th of September 2011 from 14.00 to 17.00 COREP, Corso Trento 13, Torino, Italy

Third ERGOMAN Workshop

Datum	24.03.2011
Beschreibung	Third ERGOMAN Workshop: “ERGOMAN Project: Contribution to Ergonomics Training"
Zielgruppe	Companies, professionals in ergonomy
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	infoergoman@corep.it www.ergoman.eu http://www.vivapen.com
Zeitpunkt und Ort	24th of March 2011 from 14.00 to 17.00 Vivapen d.o.o., Gaji 41, SI-3000 Celje, Slovenia

Veranstaltungen

Second ERGOMAN Workshop

Datum	20.10.2010
Beschreibung	Second ERGOMAN Workshop: "Saving money through ergonomics in SMEs: What are the challenges in-house?"
Zielgruppe	Specifically the seminar is aimed towards safety and risk policy decision makers in small and medium size enterprises; to include personnel managers, operations managers, engineers, health and safety practitioners, ergonomists, occupational health professionals and risk managers
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	infoergoman@corep.it www.ergoman.eu Aileen.jackson@ul.ie
Zeitpunkt und Ort	20th of October 2010 from 14.00 to 17.00 Castletroy Park Hotel, Castletroy, Limerick, Ireland

First ERGOMAN Workshop

Datum	24.03.2010
Beschreibung	First ERGOMAN Workshop:"Ergoman-Project: Contribution to Ergonomics Training" The workshop is inserted in the German National congress "GfA_ Kogress"
Zielgruppe	Companies, professionals in ergonomy, universities
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	infoergoman@corep.it www.ergoman.eu
Zeitpunkt und Ort	24th of March 2010, from 14.00 to 18.00. Darmstadtium, Room 3.08 Address: Schlossgraben 1 D-64283 Darmstadt www.darmstadtium.de