Projects and Products Portal for Leonardo da Vinci

AluMATTER - Modular Interactive e-Learning Course on Aluminium Fabrication Technology

EUR/02/C/F/PP-84701

http://www.adam-europe.eu/adam/project/view.htm?prj=3147

Project Information

Title:	AluMATTER - Modular Interactive e-Learning Course on Aluminium Fabrication Technology
Project Number:	EUR/02/C/F/PP-84701
Year:	2002
Project Type:	Pilot Project, project with multiplying effect (2000-2006)
Status:	completed
Country:	BE-Belgium
Marketing Text:	aluMATTER is a freely-accessible website that provides innovative and interactive e-learning resources for aluminium science and technology. aluMATTER received 2 awards from the European Commission: the Helsinki award in Dec 2006 and the Bronze medal in Berlin in May 2007.
Summary:	Coordinated by the European Aluminium Association, AluMATTER is a partnership programme on aluminium science and technology involving the major aluminium companies active in Europe and key European universities and technology centers. aluMATTER benefited from a three-year co-funding from the EU Commission's Leonardo da Vinci programme. The aluMATTER website is a high quality, interactive, pedagogically sound, innovative and freely accessible e-learning tool.
Description:	The aluMATTER portal counts nine modules and several case studies available for students and professionals alike, dealing with: Strengthening Mechanisms, Softening Mechanisms, Anisotropy, Surface & Physical Properties, Mechanical Properties, Machining Technology, Joining Technology, Forming Technology, Corrosion Control. The web structure has been designed to allow the content to be accessed via at least three different "entry points" - Products/applications - e.g. marine plate, aircraft extrusions, beverage can sheet, etc. - Processing - e.g. ingot casting, homogenisation, hot rolling, extrusion, etc. - Materials Science & Engineering - e.g. microstructure, phase transformations, dislocation interactions, etc.
Themes:	*** Lifelong learning *** Open and distance learning *** Continuous training ** Utilization and distribution of results ** Higher education ** Vocational guidance * Quality * ICT * Enterprise, SME
Sectors:	*** Professional, Scientific and Technical Activities * Information and Communication * Education
Product Types:	website material for open learning modules open and distance learning program or curricula
Product information:	aluMATTER is accessible through www.alumatter.info
Projecthomepage:	

Project Contractor

Name:	EUROPEAN ALUMINIUM ASSOCIATION
City:	Brussels
Country/Region:	Bruxelles Cap, Brussel Hof
Country:	BE-Belgium
Organization Type:	association/non-governmental organisation
Homepage:	http://aluminium.matter.org.uk

Contact Person

Name:	Mr Christian Leroy
Address:	Avenue de Broqueville 12
City:	Brussels
Country:	BE-Belgium
Telephone:	+32 2 7756357
Fax:	
E-mail:	Leroy@eaa.be
Homepage:	http://www.eaa.net/

Coordinator

Name:	EUROPEAN ALUMINIUM ASSOCIATION
City:	Brussels
Country/Region:	Bruxelles Cap, Brussel Hof
Country:	BE-Belgium
Organization Type:	association/non-governmental organisation
Homepage:	http://aluminium.matter.org.uk

Contact Person

Name:	Mr Christian Leroy
Address:	Avenue de Broqueville 12
City:	Brussels
Country:	BE-Belgium
Telephone:	+32 2 7756357
Fax:	
E-mail:	Leroy@eaa.be
Homepage:	http://www.eaa.net/

Partner

Partner 1

Name: SCHWEIßTECHNISCHE LEHR- UND VERSUCHSANSTALT (SLV)- DUISBURG
City: Duisburg
Country/Region: Sachsen
Country: DE-Germany
Organization Type: research institution
Homepage:

Partner 2

Name: CORUS-IJMUIDEN
City: IJMUIDEN
Country/Region: Noord-Nederland
Country: NL-Netherlands
Organization Type: association/non-governmental organisation
Homepage:

Partner 3

Name: ALCAN -BANBURY
City: OXFORDSHIRE
Country/Region: Devon
Country: UK-United Kingdom
Organization Type: large-scale enterprise (more than 250 employees)
Homepage:

Partner 4

Name: ALUMINIUM CENTRUM-NL
City: HOUTEN
Country/Region: Noord-Nederland
Country: NL-Netherlands
Organization Type: research institution
Homepage:

Partner

Partner 5

Name: CETIM - CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES
City: SENLIS CEDEX
Country/Region: Centre-Est
Country: FR-France
Organization Type: association/non-governmental organisation
Homepage:

Partner 6

Name: INSTITUT FÜR UMFORMTECHNIK - UNIVERSITY OF STUTTGART
City: Stuttgart
Country/Region: Stuttgart
Country: DE-Germany
Organization Type: research institution
Homepage:

Partner 7

Name: GLFA - GROUPEMENT DES LAMINEURS ET FILEURS D' ALUMINIUM
City: Paris
Country/Region: Centre
Country: FR-France
Organization Type: research institution
Homepage:

Partner 8

Name: SKANALUMINIUM
City: Oslo
Country/Region: Oslo Og Akershus
Country: NO-Norway
Organization Type: chamber
Homepage:

Partner

Partner 9

Name: PECHINEY CRV-VOREPPE
City: VOREPPE CEDEX
Country/Region: Centre
Country: FR-France
Organization Type: research institution
Homepage:

Partner 10

Name: VAW ALUMINIUM - R&D CENTER - BONN
City: Bonn
Country/Region: Cologne
Country: DE-Germany
Organization Type: research institution
Homepage:

Partner 11

Name: HYDRO ALUMINIUM-KARMOY
City: HAVIK
Country/Region: Vestlandet
Country: NO-Norway
Organization Type: large-scale enterprise (more than 250 employees)
Homepage:

Partner 12

Name: GESAMTVERBAND DER ALUMINIUMINDUSTRIE
City: DÜSSELDORF
Country/Region: Düsseldorf
Country: DE-Germany
Organization Type: association/non-governmental organisation
Homepage:

Partner

Partner 13

Name: ALUMINIUM CENTRE BELGIUM
City: Brussels
Country/Region: Bruxelles Cap, Brussel Hof
Country: BE-Belgium
Organization Type: research institution
Homepage:

Partner 14

Name: MATTER PROJECT-UNIVERSITY OF LIVERPOOL
City: Liverpool
Country/Region: Wales
Country: UK-United Kingdom
Organization Type: university/Fachhochschule/academy
Homepage:

Partner 15

Name: ENGINEERING DEPT - CAMBRIDGE UNIVERSITY
City: Cambridge
Country/Region: Outer London
Country: UK-United Kingdom
Organization Type: association/non-governmental organisation
Homepage:

Partner 16

Name: LABORATORIUM FÜR WERKSTOFF- UND FÜGETECHNIK (LWF) - PADERBORN
City: PADERBORN
Country/Region:
Country:
Organization Type: association/non-governmental organisation
Homepage:

Partner

Partner 17

Name:	VRIJE UNIVERSITEIT BRUSSEL (DEPT METALLURGY ELECTROCHEMISTRY AND MATERIAL SCIENCE)
City:	Brussels
Country/Region:	Bruxelles Cap, Brussel Hof
Country:	BE-Belgium
Organization Type:	university/Fachhochschule/academy
Homepage:	

Partner 18

Name:	INSTITUT FÜR METALLKUNDE UND METALLPHYSIK - RWTH
City:	Aachen
Country/Region:	Cologne
Country:	DE-Germany
Organization Type:	research institution
Homepage:	