

EUREKA PROJECT E!492 - EUROCARE WALLPAINT

1. General description

Project	E! 492 - EUROCARE WALLPAINT	Status	Finished - 26-SEP-1996
Title	Wall Coverings And Mural Paintings		
Class	Sub-Umbrella	Technological area	Environment
Start date	01-JAN-1992	End date	01-JAN-1996
Duration	48 months	Total cost	0.1 Meuro
Partner sought	No		
Summary	Investigation Of Former Restoring Activities Of Medieval Paintings And Their Effect On The State Of Preservation And Damage. Development Of New Methods And Materials		

Budget and duration

Phase	Budget(Meuro)	Duration (Months)
Total	0.1	48

Member contribution

Member	Contribution	Position	Since
Austria	50.00%	Notified Finished	26-SEP-1996
Switzerland	%	Notified Finished	08-OCT-1996
Germany	30.00%	Notified Finished	26-SEP-1996
Italy	20.00%	Notified Finished	08-OCT-1996
Denmark	.00%	Notified Withdrawn	10-JAN-1996

Participants

Company	Country	Type	Role
Bundesdenkmalamt Wien/Abteil.Restaurierung U. Konservierung	Austria	Governm./Nat. Admin.	Main
Universitaet Siegen	Germany	University	Partner
Institut Fuer Chemie Und Biologie Des Meeres (Icbm) Carl-Von-Ossietzky	Germany	University	Partner
Universitaet Oldenburg			
Fachhochschule Koeln	Germany	University	Partner
Atelier Ernst Lux	Austria	Research Institute	Partner
Laboratorio Scientifico/Opificio Delle Pietre Dure	Italy	Governm./Nat. Admin.	Partner
Bayerisches Landesamt Fuer Denkmalpflege (Muenchen)	Germany	Governm./Nat. Admin.	Partner
Bundesdenkmalamt - Landeskonservator Fuer Salzburg	Austria	Governm./Nat. Admin.	Partner
Landesaemter Fuer Denkmalspflege	Germany	Governm./Nat. Admin.	Partner

Participants

Company	Country	Type	Role
Riedel-De-Haen Ag	Germany	Large company	Partner
Eidgenoessische Materialpruefungs- Und Forschungsanstalt	Switzerland	Research Institute	Partner

2. Project outline

Project description

The project aims at the investigation of former restoring activities and their effect on the state of preservation and damage, with special regard to medieval paintings as well as the development of new methods and materials for application and long-term testing, preferably with use of non-destructive methods. The special aim of the participants is to involve the schools of conservation.

Technological development envisaged

Investigation, selection and application of treatments best suited for the long-term application of materials, biocides and methods, with regard to restorers' health and the object in question. The open-air museum in Hjerl Hede, DENMARK is intended for experimental studies. We also plan to further develop equipment for application on or at the wall in question for microscopy, laser optical methods, thermography and gas exchange measurements.

Markets application and exploitation

Restoration and conservation of indoor and outdoor wall coverings and mural paintings worldwide and from all periods.

National Heritage trusts, restoration and conservation companies, investigation centres and training centres.

Project codes

BSI

BND	non-destructive testing
PLP.T	painting
ROW	wall coverings
T	materials
ZB	education
ZO	history
ZV/ZY	culture
ZW	arts

NACE

2430	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
80422	Other adult and other education not elsewhere classified
9131	Activities of religious organisations
925	Library, archives, museums and other cultural activities
9252	Museum activities and preservation of historical sites and buildings

3. Main participant

Company **Bundesdenkmalamt Wien/Abteil.Restaurierung U. Konservierung**
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Organisation type Governm./Nat. Admin.
Participant role Main

Contribution to project

Assistance will be provided by Dr. Manfred Koller.

Expertise

4. Partner

Company **Universitaet Siegen**
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Germany

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Contact **(Contact Not Available)**

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Organisation type University
Participant role Partner

Contribution to project

Expertise

4. Partner

Company **Institut Fuer Chemie Und Biologie Des Meeres (Icbm)**
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Organisation type University
Participant role Partner

Contribution to project

Expertise

4. Partner

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Organisation type University

Participant role Partner

Contribution to project

Expertise

4. Partner

Company **Atelier Ernst Lux**
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Organisation type Research Institute
Participant role Partner

Contribution to project

Expertise

4. Partner

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Organisation type Governm./Nat. Admin.
Participant role Partner

Contribution to project

A. Tests for improvement of chemical conditions of outdoor exposed murals (oxalates, basic and acid milieu, etc.) B. Prevention through chemical/biological transformation of unstable deposits (gypsum) into stable components.

Expertise

4. Partner

Company **Bayerisches Landesamt Fuer Denkmalpflege (Muenchen)**
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Organisation type Governm./Nat. Admin.
Participant role Partner

Contribution to project

Expertise

4. Partner

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Organisation type
Participant role

Governm./Nat. Admin.
Partner

Contribution to project

Expertise

4. Partner

Company

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Organisation type
Participant role

Governm./Nat. Admin.
Partner

Contribution to project

Assistance will be provided by Mr. J. C. Holst.

Expertise

4. Partner

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Marketing Manager

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Organisation type Large company
Participant role Partner

Contribution to project

Expertise

4. Partner

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Organisation type Research Institute
Participant role Partner

Contribution to project

Expertise