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Integration of non destructive testing

Fact Sheet

Project Information

INDET

Grant agreement ID: G4RD-CT-2002-00830

Project closed

Start date

1 June 2002

End date

31 July 2005

Funded under

Programme for research technological development and demonstration on "Competitive and sustainable growth 1998-2002"

Total cost

€ 5 043 953,00

EU contribution

€ 2 851 560,00

Coordinated by

GIE EADS CCR

 France

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007**

Objective

The integration of innovative multimedia maintenance manual (4M), web-based systems for NDI processes, and the development of a virtual environment, will result in saving costs and guaranteeing high levels of safety. It will reduce considerably the "human factor" as a potential influence on the measured results. The 4M is meant to provide NDT inspectors with exactly the amount of information they need. A computer expert system will guide their tasks and enable the generation of "procedures on demand". The introduction of WWW key-concepts will activate advanced real-time data/information processing for remote inspection training, set-up and diagnosis. Specific tasks devoted to the development of virtual analysis instruments will improve notably the diagnosis and monitoring processes. Topics on NDT data management, processing, life cycle monitoring and integration with CAD systems will be tackled.

Fields of science (EuroSciVoc)

[natural sciences](#) > [computer and information sciences](#) > [artificial intelligence](#) > [expert systems](#)

[social sciences](#) > [psychology](#) > [ergonomics](#)

[natural sciences](#) > [computer and information sciences](#) > [data science](#) > [data processing](#)



Programme(s)

[FP5-GROWTH - Programme for research technological development and demonstration on "Competitive and sustainable growth 1998-2002"](#)

Topic(s)

[1.1.3.-4. - Key Action New Perspectives in Aeronautics](#)

Call for proposal

Data not available

Funding Scheme

[CSC - Cost-sharing contracts](#)

Coordinator



GIE EADS CCR

EU contribution

No data

Total cost

No data

Address

**Boulevard de Montmorency 37
75781 PARIS**

 **France** 

Participants (14)



AIRBUS DEUTSCHLAND GMBH

 Germany

EU contribution

No data

Address

**Huenefeldstrasse 1-5
28199 BREMEN** 

Total cost

No data



AIRBUS ESPANA SL

 Spain

EU contribution

No data

Address

**Avenida John Lennon s/n
28906 GETAFE** 

Total cost

No data



ALENIA AERONAUTICA SPA

 Italy

EU contribution

No data

Address

**Viale dell'Aeronautica
80038 POMIGLIANO D'ARCO** 

Total cost

No data



DASSAULT AVIATION S.A.

 France

EU contribution

No data

Address

Zone Aeronautique Louis Breguet
78141 VELIZY VILLACOUBLAY 

Total cost

No data



FACHHOCHSCHULE FURTWANGEN

 Germany

EU contribution

No data

Address

Robert-Gerwig-Platz 1
78120 FURTWANGEN 

Total cost

No data



GRAND VIDEO UND FERNSEHPRODUKTION GMBH

 Germany

EU contribution

No data

Address

Sonntagsmoor 19
25436 UETERSEN 

Total cost

No data



GROUPE D'INTER-T ECONOMIQUE NDT EXPERT

 France

EU contribution

No data

Address

**Boulevard Victor Hugo 23
31770 COLOMIERS** 

Total cost

No data



IN.TEL.TEC SPA

 Italy

EU contribution

No data

Address

**Centro direzionale Isola F/2
80143 NAPOLI** 

Total cost

No data



NATIONAL RESEARCH COUNCIL OF ITALY

 Italy

EU contribution

No data

Address

**Via G. Moruzzi 1
56124 PISA** 

Total cost

No data



SOGITEC INDUSTRIES SA

 France

EU contribution

No data

Address

Rue Marcel Monge 4
92158 SURESNES 

Total cost

No data



TANNER AG

 Germany

EU contribution

No data

Address

Kemptener Strasse 99
88131 LINDAU /BODOLZ 

Total cost

No data



TECNATOM S.A.

 Spain

EU contribution

No data

Address

Avenida Montes de Oca 1
28709 SAN SEBASTIAN DE LOS REYES - MADRID 

Total cost

No data



UNIVERSITY OF CENTRAL LANCASHIRE

 United Kingdom

EU contribution

No data

Address

Kirkham Building
PR1 2HE PRESTON 

Total cost

No data



UNIVERSITY OF LIMERICK

 Ireland

EU contribution

No data

Address

Informatics Building
LIMERICK 

Total cost

No data

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