



Cultural Heritage Identity Card

Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung E.V. (FRAUNHOFER) Germany




Fraunhofer

IBP

Steering Committee Member
Johanna Leissner / Ralf Kilian




Cultural Heritage Identity Card



Cultural Heritage Identity Card

Joseph von Fraunhofer (1787 - 1826)



Researcher
discovery of "Fraunhofer Lines" in the sun spectrum

Inventor
new methods of lens processing

Entrepreneur
head of royal glass factory



ZV-A2/ Juni 03



Cultural Heritage Identity Card

eu chic
Cultural Heritage Identity Card

Fraunhofer Profile in 2009



60 Institutes
16 000 employees
€1,4 billion research budget

9 Alliances


- Microelectronics
- Production
- Information and Communication Technology
- Materials and Components
- Life Sciences
- Surface Technology and Photonics
- Building
- Sustainability
- Defense and Security Research




eu chic
Cultural Heritage Identity Card

Core Competences of Fraunhofer IBP

- Acoustics
- Noise Protection
- Energy Efficiency
- Energy Systems
- Lighting Systemes
- Chemistry
- Microbiology
- Hygiene
- Life Cycle Assessments
- Indoor Environment
- Hygrothermal Simulation
- Durability
- Monument Preservation
- Preventive Conservation



SEVENTH FRAMEWORK PROGRAMME 

Cultural Heritage Identity Card



Cultural Heritage Identity Card

European Competence Center for Energy Efficient Renovation of Old Buildings and Preservation of Cultural Heritage

- Demonstration of restoration in accordance with preservation of the historic building
- Applied research at a real historic building
- Simulation and measurements
- Dissemination
- Workshops, seminars and professional advice



- Information on restoration of historic buildings
- for architects, craftsmen, restorers / conservators
- and stakeholders



„Sustainable Preservation of Cultural Heritage“



Kompetenzzentrum
energetische Altbauanierung
und Denkmalpflege




Cultural Heritage Identity Card



Cultural Heritage Identity Card






Climate for Culture

- Damage risk assessment, macroeconomic impact and mitigation strategies for sustainable preservation of cultural heritage in the times of climate change





Cultural Heritage Identity Card



Cultural Heritage Identity Card

Major relevant references

- Clustering is planned / possible with:
 - Climate for Culture
 - Sustainable Refurbishment of Museums
 - European Competence Centre for Sustainable Refurbishment and Monument Preservation
 - National Projects on Monument Preservation
 - future E2B Projects



Cultural Heritage Identity Card



Cultural Heritage Identity Card

Project Team

- Researchers and major personnel engaged in CHIC
 - Dr. Johanna Leissner, Fraunhofer ISC
 - Ralf Kilian, Fraunhofer IBP
 - Dr. Britta v. Rettberg, Fraunhofer IBP
 - Dr. Martin Krus, Fraunhofer IBP



Cultural Heritage Identity Card




Cultural Heritage Identity Card

Links in benefit of CHIC

- Fraunhofer IBP representatives are members of the following organisations/panels:
 - CEN / TC 346 "Conservation of Cultural Property"
 - VDL AK Bautechnik (Building), Germany
 - VDR Preventive Conservation WG, Germany
 - WTA Association
- Contacts to Bavarian State Office for Monument Preservation / City of Bamberg, UNESCO

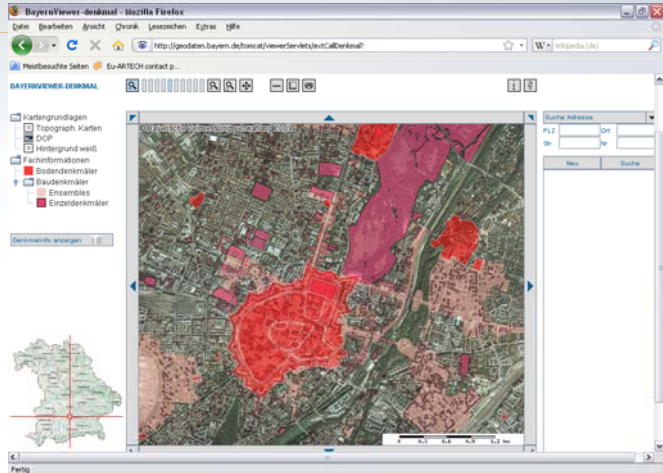





Cultural Heritage Identity Card



Cultural Heritage Identity Card

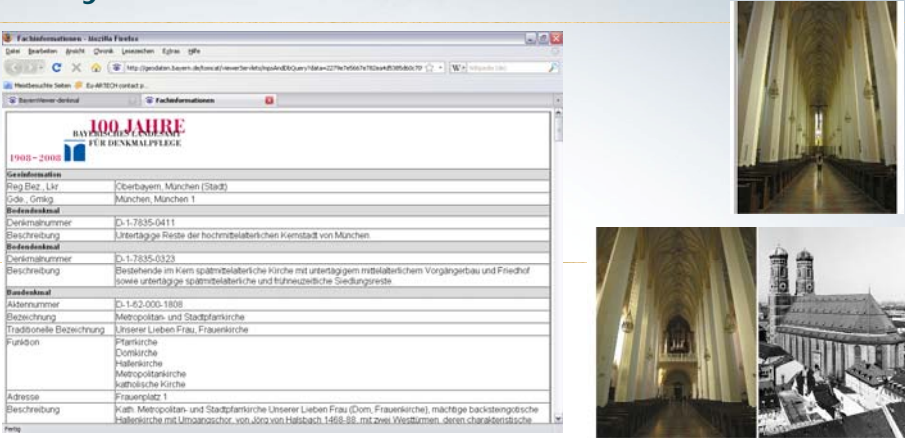
„Bayern Viewer Denkmal“

Cultural Heritage Identity Card

eu chic
Cultural Heritage Identity Card

Bayern Viewer Denkmal



1908-2008 100 JAHRE BAYERISCHES GENESAMT FÜR DENKMALPFLEGE	
Siedlungszone	
Reg. Bez., Lkr.	Oberbayern, München (Stadt)
Gde., Gmkz	München, München 1
Denkmal	
Denkmalnummer	D-1-7235-0411
Beschreibung	Untertägige Reste der hochmittelalterlichen Kernstadt von München
Denkmal	
Denkmalnummer	D-1-7235-0323
Beschreibung	Bestehende im Kern spätromanische Kirche mit untertägigem mittelalterlichem Vorgängerbau und Friedhof sowie untertägige spätromanische und frühneuzeitliche Siedlungsreste
Denkmal	
Alternummer	D-1-62-000-1808
Bezeichnung	Metropoliten- und Stadtpfarrkirche
Traditionelle Bezeichnung	Unserer Lieben Frau, Frauenkirche
Funktion	Pfarrkirche Domkirche Hallenkirche Metropolitankirche katholische Kirche
Adresse	Frauenplatz 1
Beschreibung	Kath. Metropoliten- und Stadtpfarrkirche Unserer Lieben Frau (Dom, Frauenkirche), mächtige backsteingotische Hallenkirche mit Umrisszeichn. von Jörg von Halsbach, 1468-88, mit zwei Westtürmen, deren charakteristische
Plan	

Cultural Heritage Identity Card