

Exploring the 3D-ICONS Project: From Capture to Delivery



ICONS

Digital Heritage 2013, Marseille

<http://3dicons-project.eu/>

3D ICONS is funded by the
European Commission's
ICT Policy Support Programme.



3D-ICONS

Details

- 3 Year Project
- €5.3 Million Budget

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- 17,000 Digital Objects
- 900 Large 3D Models – Monuments/Buildings
- 4,000 Small 3D Models – Artefacts & Detail
- 12,000 Images
- 100 Videos

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Koninklijke Musea voor Kunst en Geschiedenis



Fondazione Bruno Kessler



Visual Dimension bvba



The Discovery Programme



CMC Associates Ltd.



Università degli Studi di Napoli L'Orientale



Universidad de Jaen



Politecnico di Milano

Archéotransfert

Adera, Archaeotransfert

National Technical University of Athens

Centre National de la Recherche Scientifique

Muzeul Național de Istorie a României



*Istituto di Scienza e Tecnologie dell'Informazione
Consiglio Nazionale delle Ricerche*

Consiglio Nazionale Delle Ricerche



*Athena Research and Innovation Center in
Information Communication and Knowledge Technologies*



Cyprus Research and Educational Foundation

3D-ICONS PIPELINE

Digitisation Planning

Data Acquisition

Post Processing

Online Publication

Metadata/Paradata

Use & Reuse

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Monuments

Case Study 1: The Tomb of King David Hall (S. Hermon & K. Yiakoupi)

Case Study 2: 3D Monument recording using multiple digitization techniques (L. Luca)

Case Study 3: Recording Ireland's Early Christian monuments using aerial and terrestrial laser scanning (R. Shaw)

Coffee Break

Artefacts & Detail

Case Study 1: artefacts and architectural detail of St. Michael Romano-Catholic Cathedral (M. Bozgan, N. Maria-Corina)

Case Study 2: Iberian sculptures from the Museum of Jaen using 3D scanning and photography (A. Sánchez)

Case Study 3: Quick museum artefacts digitization in 3D-ICONS (S. Gonizzi)

Metadata

Quality control: Paradata within the 3D-ICONS project (F. Remondino)

Developing and applying the CARARE metadata schema for 3D documentation (A. Andrea)

Use & Reuse

3D World Heritage at your fingertips: what to expect? Online solutions to the delivery of 3D data in cultural heritage (D. Pletinckx)

Potential usage of 3D data and IPR issues (S. Basset)

General Discussion (A. Corns)





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