meSch, Material EncounterS with digital Cultural Heritage, has the goal of designing, developing and deploying tools for the creation of tangible interactive experiences that will connect the physical experience of museums and exhibitions with relevant digital cross-media information in novel ways. A wealth of digital cultural heritage content is currently available in on-line repositories and archives, it is however accessed only in a limited way and utilised through rather static modes of delivery. meSch will bridge the gap between visitors' cultural heritage experience on-site and on-line by providing a platform for the creation of tangible smart exhibits, that will enable heritage professionals to compose and realise physical artifacts enriched by digital content without the need for specialised technical knowledge: the platform will include an authoring toolkit for the composition of physical/digital narratives to be mapped to interactive artifacts and an embedded multi-sensor digital system.
mapped to interactive artefacts, and an embedded multi-sensor digital system platform for the construction of ad-hoc physical smart exhibits. The meSch envisioning and realisation approach is grounded on principles of co-design, the broad participation of designers, developers and stakeholders into the process, and on a Do-It-Yourself philosophy to making and experimentation: hands-on design and making workshops will be employed throughout the project to inform and shape development. Three large-scale case studies in different museums will provide test beds for the real-world evaluation of meSch technology with the public and cultural heritage stakeholders. The ultimate goal of the project is to support the creation of an open community of cultural heritage institutions driving and sharing a new generation of physical/digital museum interactives.

Field of science

/humanities/philosophy, ethics and religion/philosophy
/social sciences/media and communications/library science/archives

Programme(s)

Topic(s)

Call for proposal

FP7-ICT-2011-9

Funding Scheme

CP - Collaborative project (generic)

Coordinator

SHEFFIELD HALLAM UNIVERSITY

Address
Howard Street City Campus
S1 1WB Sheffield
United Kingdom

Activity type
Higher or Secondary
Education Establishments

EU contribution
€ 947 078

Contact the organisation

Administrative Contact
Daniela Petrelli (Prof)
Participants (11)

**UNIVERSITAET STUTTGART**

- Germany
- EU contribution: € 510,392
- Address: Keplerstrasse 7, 70174 Stuttgart
- Activity type: Higher or Secondary Education Establishments

Administrative Contact
Albrecht Schmidt (Prof.)

**UNIVERSIDAD CARLOS III DE MADRID**

- Spain
- EU contribution: € 217,914
- Address: Calle Madrid 126, 28903 Getafe (Madrid)
- Activity type: Higher or Secondary Education Establishments

Administrative Contact
Regina Garcia Beato (Ms.)

**UNIVERSITY OF LIMERICK**

- Ireland
- EU contribution: € 293,149
- Address: National Technological Park, Plassey - Limerick
- Activity type: Higher or Secondary Education Establishments

Administrative Contact
Rosemary Fogarty (Ms.)
MUSEO STORICO ITALIANO DELLA GUERRA
Italy
EU contribution
€ 116 332
Address
Via Castelbarco
38068 Rovereto
Activity type
Research Organisations
Contact the organisation
Administrative Contact
Camillo Zadra (Dr.)

ECTRL SOLUTIONS SRL
Italy
EU contribution
€ 316 800
Address
Via Solteri
38100 Trento
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)
Website
Contact the organisation
Administrative Contact
Adriano Venturini (Mr.)

FONDAZIONE BRUNO KESSLER
Italy
EU contribution
€ 386 502
Address
Via Santa Croce 77
38122 Trento
Activity type
Research Organisations
Website
Contact the organisation
Administrative Contact
Umberto Silvestri (Mr.)

UNIVERSITEIT VAN AMSTERDAM
Netherlands
EU contribution
€
**STICHTING WAAG SOCIETY**

Netherlands

EU contribution

€ 475 020

**Address**

Nieuwmarkt 4
1012 CR Amsterdam

**Activity type**

Research Organisations

**Website**

Contact the organisation

**Administrative Contact**

Dick van Dijk (Mr.)

---

**Stichting Digitaal Erfgoed Nederland**

Netherlands

EU contribution

€ 250 660

**Address**

Prins Willem Alexanderhof 5
2595 BE Den Haag

**Activity type**

Research Organisations

**Contact the organisation**

**Administrative Contact**

Anna Neijenhuis-Swinkels (Ms.)

---

**STICHTING MUSEON (MUSEUM VOOR HET ONDERWIJS)**

Netherlands

EU contribution

€ 217 378

**Address**

Stadhouderslaan
2517 HV Den Haag

**Activity type**

Other

**Contact the organisation**
UNIVERSITY OF STRATHCLYDE

United Kingdom

EU contribution

€ 335 166

Address
Richmond Street 16
G1 1XQ Glasgow

Activity type
Higher or Secondary Education Establishments

Website

Contact the organisation

Administrative Contact
David McBeth (Dr.)

Last update: 21 April 2017
Record number: 106846

Permalink: https://cordis.europa.eu/project/id/600851/

© European Union, 2020