

SEVENTH FRAMEWORK PROGRAMME
Network of excellence (NoE)

ICT Call 6

FP7-ICT-2009-6

Grant agreement no: 270404

Virtual Museums Transnational Network

Transnacionalna mreža virtualnih muzeja

- upoznajte budućnost prošlosti -

V-MusT.net

Virtualni muzeji su novi model komunikacije čiji cilj je kreiranje personaliziranog, imerzivnog i interaktivnog načina za razumijevanje svijeta oko nas. Virtualni muzej podrazumijeva različite tipove digitalnih kreacija. Iako ova ideja nije nova, u Evropi još uvijek nije dovoljno kvalitetno razvijena. Zbog toga je uspostavljena transnacionalna mreža partnera koji vjeruju da Evropa može preuzeti vodeću ulogu u svjetskoj panorami virtuelnih muzeja. V-MusT.net će premostiti tehnološke domene i povezati različite naučne discipline sa vrhunskim dostignućima u digitalnom očuvanju kulturnog naslijeđa. Kreiraće novo područje naučnog istraživanja, identificirati potrebe za daljim razvojem, definisati oblik virtuelnog muzeja budućnosti i kreirati proces evaluacije kvaliteta virtuelnih muzeja.

Počevši od identifikacije problema i potreba u oblasti virtuelnog kulturnog naslijeđa, V-Must.net će razviti zajedničku platformu za podršku digitalnom sadržaju, identificirati nove alatke i izlazne uređaje za prikaz tog sadržaja i testirati ih kroz virtualnu laboratoriju. Uspostaviće programe za trening i edukaciju profesionalaca iz ove oblasti sa ciljem kreiranja nove profesije – digitalni kustos. Postignuti rezultati će biti objavljeni u naučnim časopisima i predstavljeni na konferencijama. Projekat će završiti interaktivnom virtualnom izložbom objekata iz rimskog perioda, koja će se istovremeno održati u 4 grada: Rimu, Amsterdamu, Aleksandriji i Sarajevu.

Elektrotehnički fakultet Sarajevo je jedan od 18 partnera iz 13 zemalja koji učestvuju u V-MusT.net projektu. Petogodišnji rad istraživača sa ovog fakulteta okupljenih u **Sarajevo Graphics Group** prepoznat je od strane najviših evropskih autoriteta iz oblasti virtuelnog kulturnog naslijeđa, tako da je 5 virtuelnih muzeja koje je ova grupa razvila uključeno u V-Must.net. U projekat su kao pridruženi partneri uključena i tri BH muzeja: Zemaljski muzej Bosne i Hercegovine, Muzej Sarajeva i Muzej Hercegovine iz Mostara.

Kroz buduće 4 godine saradnje sa vrhunskim evropskim institucijama, Elektrotehnički fakultet će razviti svoje naučno istraživačke potencijale i uvesti najmodernije tehnologije u digitalizaciju i virtualnu prezervaciju kulturnog naslijeđa. Muzeji pridruženi partneri u ovom projektu imaju priliku da svojim zaposlenicima omoguće sticanje obrazovanja i vještina koje će unaprijediti rad tih institucija i privući posjetioce sa svih strana svijeta da se upoznaju sa bogatstvom našeg kulturnog naslijeđa.

Ukupna vrijednost projekta je 4 miliona eura i finansiran je od strane Sedmog okvirnog programa Evropske komisije.

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Više detalja: [**www.v-must.net**](http://www.v-must.net)

V-MUST.NET partneri:

Broj	Ime institucije	Skraćenica	Država
1	Consiglio Nazionale delle Ricerche	CNR-ITABC/ISTI/ITD	Italija
2	Agenzia Per La Promozione Della Ricerca Europea	APRE	Italija
3	King's College London, Centre for Computing in the Humanities, King's Visualisation Lab	King's	Velika Britanija
4	Elektrotehnički fakultet Sarajevo, Univerzitet u Sarajevu	ETF	Bosna i Hercegovina
5	Institut National de Recherche en Informatique et Automatique (INRIA-IPARLA Joint Research Team)	INRIA	Francuska
6	Lund University, Department of Design Sciences	ULUND	Švedska
7	STARC, Cyprus Institute	CREF-Cyl	Kipar
8	CINECA	CINECA	Italija
9	Foundation of the Hellenic World	FHW	Grčka
10	Allard Pierson Museum, University of Amsterdam	UVA	Holandija
11	Center for Documentation of Cultural and Natural Heritage	CULTNAT	Egipat
12	Comune di Roma, Sovrintendenza ai Beni Culturali, Museo dei Fori Imperiali	SOVR	Italija
13	Fraunhofer Institute für Graphische Datenverarbeitung	FHG	Njemačka
14	Virtualware	Virtualware	Španija
15	Visual Dimension	VisDim	Belgija
16	Sociedad Española de Arqueología Virtual	SEAV	Španija
17	Noho LTD	NOHO	Irska
18	University of Brighton, University of Brighton's Business School	UoB	Velika Britanija

V-MUST.NET pridruženi partneri:

Zemaljski muzej Bosne i Hercegovine (National Museum of BH)	BH - Sarajevo
Muzej Hercegovine (Museum of Herzegovina)	BH- Mostar
Muzej Sarajeva (Musum of Sarajevo)	BH- Sarajevo
Antiquities Museum of the Library of Alexandria	EG- Alexandria
Nubian Museum	EGYPT- Aswan
Foundation Atapuerca	ES
Museo y Parque Arqueologico Cueva Pintada	ES- Las Palmas, Gran Canaria
Fundacion Marq-Mueso Arqueologico Provincial de Alicante	ES-Alicante
Museo de Artes Tradiciones Populares	ES-Madrid
Red de Museos de la Consejería de Cultura y Turismo	ES-Mérida
Exposicion Galiciadixital	ES-Santiago de Compostela
Ayutamiento de la Rinconada	ES-Sevilla
CNRS – AUSONIUS Insitute	France
Inst. für Urund Frühgeschichte Archäologie des Mittelalters-Eberhard Karls Universität Tübingen	Germany
MakeBelieve design & consulting	Greece

Dublinia and the Viking World	IR - Dublin
National Museum of Ireland	IR – Dublin
Galleria dell'Accademia	IT - Firenze
Via Appia Regina Viarum	IT - Rome
Roman National Museum. Diocletian Thermal Baths	IT – Rome
Museo dei Mercati di Traiano	IT – Rome
Teramo Archaeological Museum	IT – Teramo
Museo Civico Archeologico di Bologna	IT- Bologna
Museo Internazionale e Biblioteca della Musica di Bologna	IT- Bologna
Museo Civico del Risorgimento/Certosa	IT- Bologna
Province of Nape: Virtual Archaeological Museum of Ercolano and Pupi Museum	IT- Nape
Virtual Archaeological Museum of Ercolano and Pupi Museum	IT- Nape
MAV, Pupi Virtual Museum, Metiartech	IT-Nape
Museo dei Fori Imperiali - mercati di Traiano	IT-Roma
CadLand s.r.l.	Italy
TU Delft (univ. technology)	Netherlands
ZERO Creative	Netherlands
Allard Pierson Museum	NL - Amsterdam
Tripoli Virtual Museum (Libia)	on line
Historiska Museet Lund (Historical Museum)	SE- Lund
Kulturen (Kulturhistoriska foreningen for sodra Sverige)	SE-Lund
Universidad Autónoma de Madrid	Spain

Virtualni muzeji koje su razvili partneri u projektu i njihovi pridruženi partneri:

inicijalna baština projekta koja će biti proširena u naredne 4 godine rada na projektu

- **AR application on Roman Forum and Satricum**, Allard Pierson Museum, NL, Amsterdam
[<http://allardpiersonmuseum.nl>]
- **Bologna VR**, Bologna City Museum (expected opening 2011), Bologna, IT - developed by CINECA
- **Living in Middle Ages** (temporal exhibit), Parma, IT - developed by CINECA
- **Virtual Museum of Ancient Via Flaminia**, Roman National Museum - Diocletian Thermal Baths (2008), Rome, IT [www.vhlab.itabc.cnr.it/flaminia] - developed by CNR
- **Virtual Museum of the Scrovegni Chapel**, Eremitani Museum (2003), Padova, IT - developed by CNR
- **Teramo Virtual City**, Teramo Archaeological Museum (2010), Teramo, IT - developed by CNR
- **MAV: Virtual Archaeological Museum of Ercolano** (2009), Nape, IT
[<http://www.museomav.it/doc/brochureENG.pdf>]
- **Virtual Theatre of Pupi Museum**, Nape, IT – Developed by Nape Province (MAB)
- **Virtual Rome**, on line (2008) [<http://www.virtualrome.net>] - developed by CNR
- **Narrative Virtual Museum of Appia Archaeological Park** (2005-2006 temporary exhibits)
- **Virtual Museum of Iraq** on line (2009) [<http://www.virtualmuseumiraq.cnr.it>] developed by CNR
- **Virtual Arrigo VII**, Opera Primaziale Pisana Museum, Pisa, IT (2004) - developed by CNR
- **Virtual Michelangelo's David**, Museum Galleria dell'Accademia, Florence, IT (2003) - developed by CNR
- **Cenobium - Medieval sculpture**, Kunsthistorische Institut in Florence, Max-Planck Institute, Florence, IT (2008) - developed by CNR
- **Virtual Myths**, accessible at Cultnat, Cairo, Egypt

- [\[http://www.cultnat.org/General/Links/Pages/Links.aspx\]](http://www.cultnat.org/General/Links/Pages/Links.aspx) - developed by CULTNAT
- **Global Egyptian Museum** [\[http://www.globalegyptianmuseum.org/\]](http://www.globalegyptianmuseum.org/)- developed by CULTNAT
- **Aeternal Egypt** [\[http://www.eternaegypt.org/\]](http://www.eternaegypt.org/)- developed by CULTNAT
- **Virtual Museum of Bosnia and Herzegovina**, National Museum of Bosnia and Herzegovina, Sarajevo, BH [\[http://projects.etf.unsa.ba/~vmuzej/\]](http://projects.etf.unsa.ba/~vmuzej/) – developed by ETF
- **Digital Catalogue of Stecaks**, National Museum of Bosnia and Herzegovina, Sarajevo, BH [\[http://h.etf.unsa.ba/dig-katalog-stecaka/\]](http://h.etf.unsa.ba/dig-katalog-stecaka/) – developed by ETF
- **Virtual Reconstruction of Isa-bey Tekija**, Museum of Sarajevo, BH [\[http://www.muzejsarajevo.ba/tekija/\]](http://www.muzejsarajevo.ba/tekija/) – developed by ETF
- **Virtual Museum of BH traditional Objects**, Museum of Sarajevo, BH [\[http://www.muzejsarajevo.ba/btp/\]](http://www.muzejsarajevo.ba/btp/) – developed by ETF
- **Virtual Church of the Holy Trinity**, Muzej Hercegovine, Mostar BH [\[http://www.crkva-sv-trojice.ba/\]](http://www.crkva-sv-trojice.ba/)– developed by ETF
- **Interactive Tour at the Ancient Agora**, accessible at the Tholos of the Foundation of the Hellenic World, Athens, GR – developed by FHW
- **Athena in the Ancient Agora**, accessible at the Tholos of FHW, Athens, GR – developed by FHW [\[http://www.fhw.gr/vr/en/docs/in_projects.html\]](http://www.fhw.gr/vr/en/docs/in_projects.html)
- **Journey to ancient Miletus**, accessible at the Tholos of FHW, Athens, GR – developed by FHW [\[http://www.fhw.gr/vr/en/docs/in_projects.html\]](http://www.fhw.gr/vr/en/docs/in_projects.html)
- **A Walk Through Ancient Olympia**, accessible at the Tholos of FHW, Athens, GR – developed by FHW [\[http://www.fhw.gr/vr/en/docs/in_projects.html\]](http://www.fhw.gr/vr/en/docs/in_projects.html)
- **The Workshop of Phidias in Olympia**, accessible at the Tholos of FHW, Athens, GR – developed by FHW [\[http://www.fhw.gr/vr/en/docs/in_projects.html\]](http://www.fhw.gr/vr/en/docs/in_projects.html)
- **Environment Museum of Stymphalia** – developed by MakeBelieve
- **Archéovision**, on line [\[http://archeovision.cnrs.fr/\]](http://archeovision.cnrs.fr/) - developed by INRIA and AUSONIUS-CNRS
- **Virtual Theatres of Europe (Theatron2)**, on line – developed by King's College, UK
- **Virtual Theatres of Europe in Second Life (Theatron3)**, on line – developed by King's College, UK
- **Virtual Kew Gardens: "How Kew Grew"** Royal Gardens, Kew, London – developed by King's College, UK
- **Virtual Roman Fort of London** KVL King's College London – developed by King's College, UK
- **Body and Masks in Ancient Theatres** on line – developed by King's College, UK
- **Virtual Odeion at Pompeii** KVL King's College London – developed by King's College, UK
- **Virtual Roman Colchester**, Colchester Museum UK [\[http://www.kvl.cch.King's.ac.uk/colchester.html\]](http://www.kvl.cch.King's.ac.uk/colchester.html)
- **Virtual Kilmartin**, Kilmartin Trust, UK
- **Virtual Dove Cottage**, Wordsworth Dove Cottage Trust, UK [\[http://www.kvl.cch.King's.ac.uk/dovecottage.html\]](http://www.kvl.cch.King's.ac.uk/dovecottage.html)
- **Virtual Shaftesbury Abbey**, Shaftesbury Abbey Museum, UK [\[http://www.virtualexperience.co.uk/?page=projects&sub=shaftesbury\]](http://www.virtualexperience.co.uk/?page=projects&sub=shaftesbury)
- **Medieval Dublin**, educational multimedia DVD for Irish schools – developed by NOHO
- **Museum of Guadalquivir** – under development by SEAV
- **Virtual exploration of Santimamine Caves**, Visitor Center of Santimamine, ES – developed by Virtualware
- **Virtual Cave installation**, Ardales, Málaga – Andalucía, ES– developed by Virtualware
- **Virtual Museum of Arqua**, Museo Nacional de Arqueología Subacuática, Cartagena, Murcia, ES – developed by Virtualware
- **Timeframe Harelbeke**, Harelbeke BE – developed by VisualDimension
- **Rome City Museum**, under development by Sovraintendenza Comune of Roma
- **Prague 3D**, Prague Museum, Prague, CZ - developed by Prague Museum (MAB)
- **Colonia 3D** [\[http://colonia3d.de/\]](http://colonia3d.de/)
- **Troia VR**, not more available, developed by Art+Com and Univ. Tübingen (MAB) [\[http://www.uni-tuebingen.de/troia/vr/vr0501_en.html\]](http://www.uni-tuebingen.de/troia/vr/vr0501_en.html)
- **Virtual Museum of Tripoli (Libia)** – developed by Univ. of Padova (MAB)
- **Ara Pacis virtual exploration**, accessible at Ara Pacis, Rome
- **Life and Power in imperial Rome**, CG animation for temporal exhibit in Japan, accessible on line - developed by CNR
- **Domus Aurea 3d exploration**, Rome
- **Via Appia Regina Viarum**, Rome