Virtual and augmented reality to local and global community in museums. The cases of T.E.A.S.E., TimeMaps and Museu Ibérico de Arqueologia e Arte of Abrantes projects

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VIRTUAL REALITY

Simulates the effective reality, that allows to make artificial life experiments

Biocca, F.; Delaney, B. (1995)

Person live in a non-reality, made by information added or subtracted electronically

AUGMENTED REALITY

Enrichment of human sensory perception through information, usually manipulated and conveyed electronically, that would not be perceived with the five senses

Communication Strategies Lab (2012)

Person continues to live in the physical reality, but receives additional information or manipulation of reality

VIRTUAL REALITY

T.E.A.S.E. PROJECT (2015)

TRANVERSAL EXPERIENCES IN ARTS: SHAPING ENVIRONMENTS

Câmara Municipal de Abrantes

Centro Universitario Europeo per i Beni Culturali Instituto Terra e Memória

Koinetwork

AIM: create a place with specifies vocation to give artists a place to make creative actions with new technologies

TOOL: specific laboratory to create objects based on design inspiration to traditional forms and its creative manipulation with virtual reality

TRADITIONAL SHAPES TO CREATIVE VIRTUAL ACTION

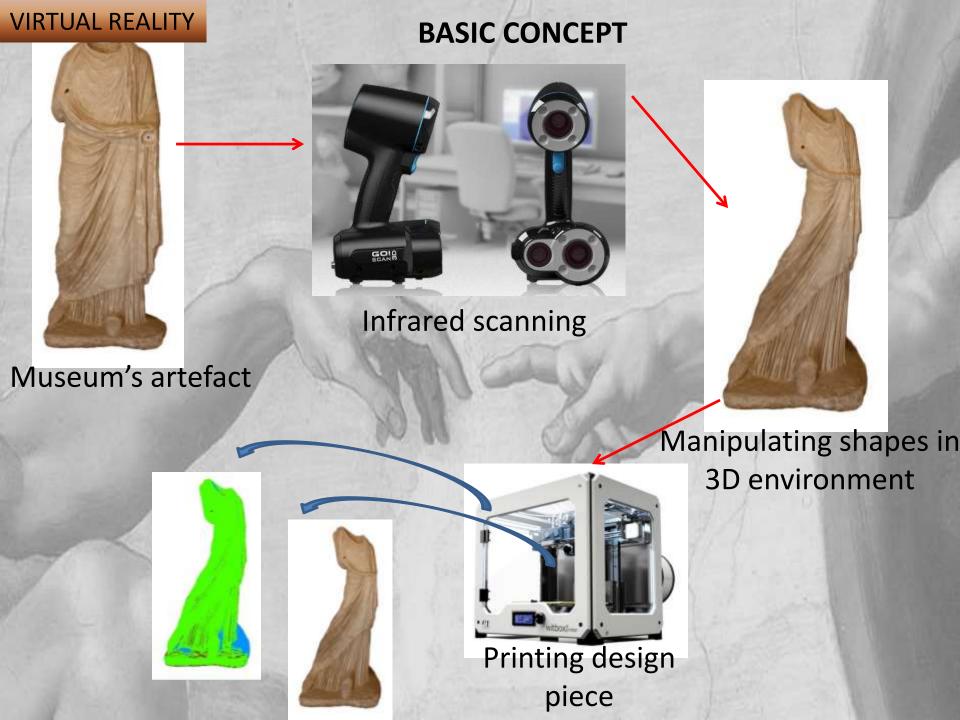
CREATIVE VIRTUAL ACTION
TO REAL DESIGN

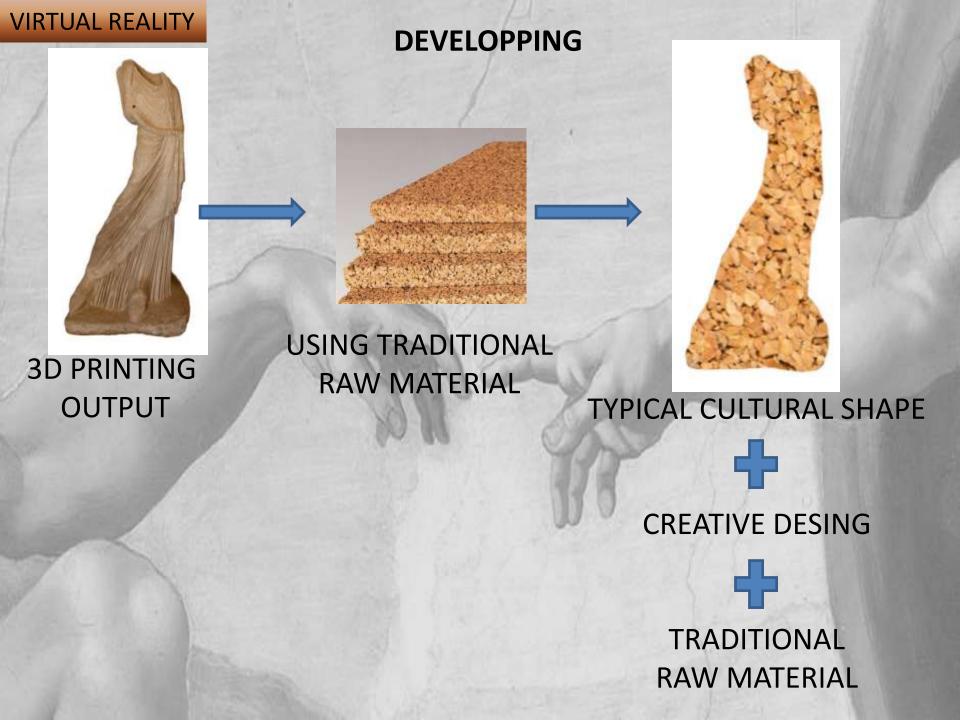
REALITY

VIRTUA REALITY

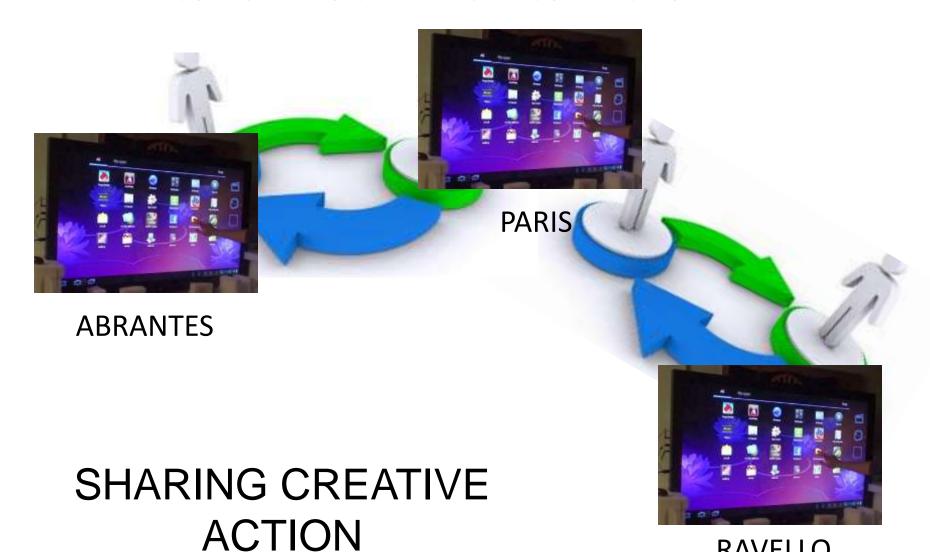


REALITY

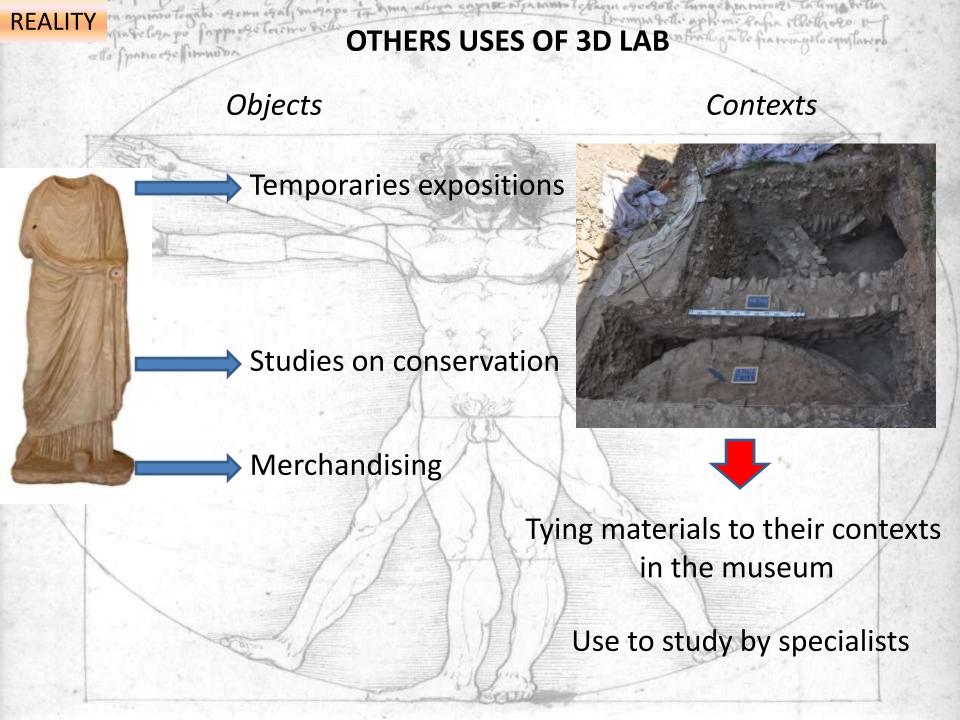


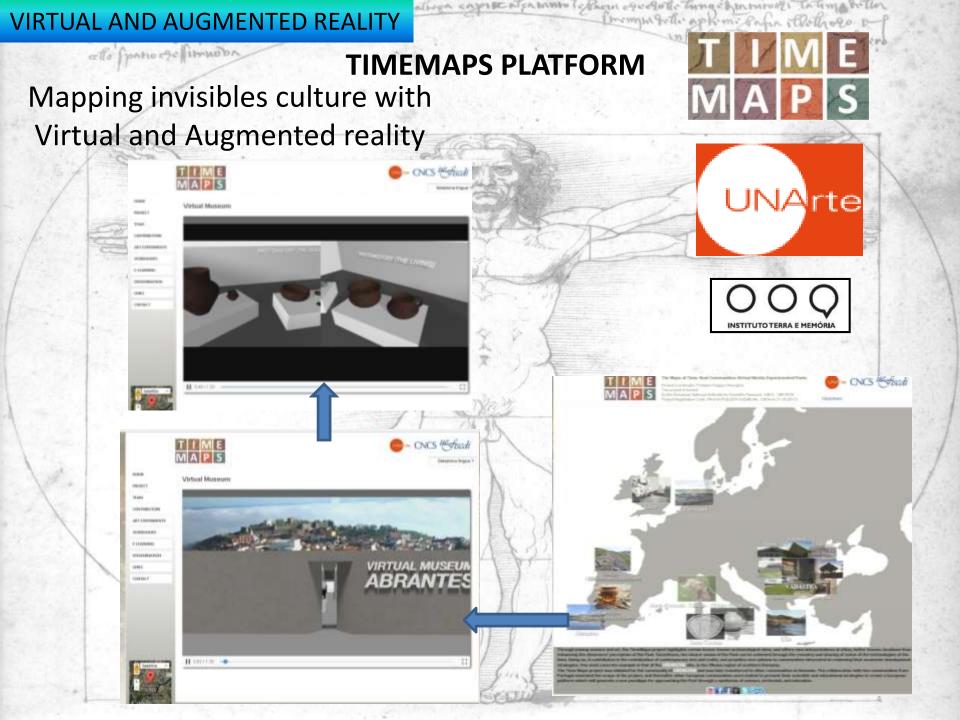


COMUNITIES CREATING IN CONNECTION



RAVELLO







TIMEMAPS PLATFORM



post atea more to found equalation and him entrals. In time better









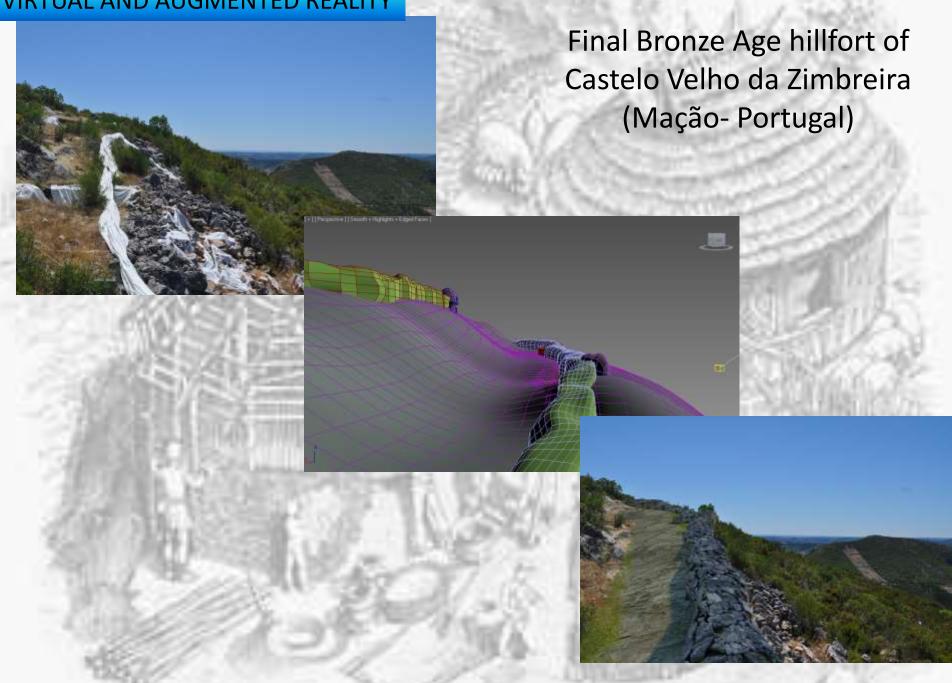






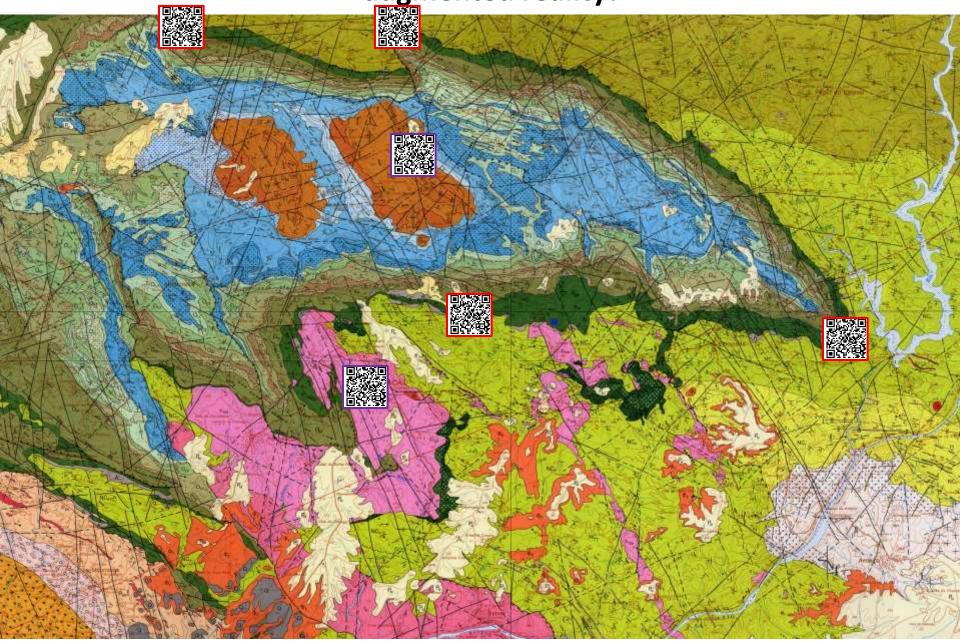
Mapping and showing invisibles structures, contexts, artefacts

©TimeMaps, UNA, Dragos Gheorghiu and Livia Stefan



©TimeMaps, Dragos Gheorghiu, Davide Delfino, Andrada Stancu

Bronze Age Hillfort network/Bronze landscape to visit in the future with augmented reality?



AUGMENTED REALITY

controlo do território, exploração agrícola e mineira CHAVIVE e gestão de redes de intercâmbio: calco eno a estratégia de gestão do território entre os II e I milénios aC

M.I.A.A. TEMPORARY EXPOSITION 2015 AND B.A. STAGE





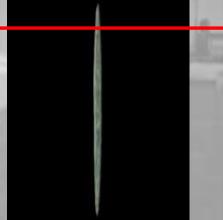


Master in Photography













Olpe, bronze Romano; séc. I-I d.C 15,2 cm (Λ), 5,8 cm (L)

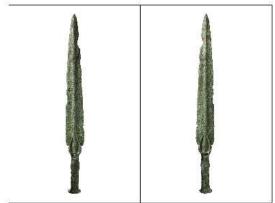


Pálera; bronze Romanc; sóc. Hild.C. 29.6 cm (C), 15.8 cm (L), 2.4 cm (A)



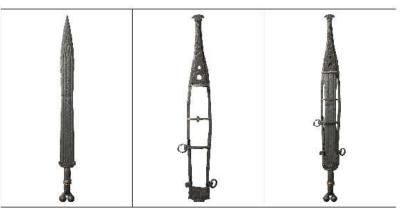
Capacoto Apulo - Coríntio; bronzo Sul Itália; sdos. V IV. a.C. 31,2 cm (L), 26,5 cm (A), 23 cm (C)





Adaga; pronze Luristão; sécs. X VII a.C. 38,6 cm (C) 4,5 cm (A), 0,6 cm (E)





Espada do Antonas com bainha; force Celtibérico iséc. IV a.C. 62,5 cm (C), 6,5 cm (A), 0,9 cm (E)



O Nuno Miguel Queiroz

AUGMENTED REALITY TO IMPROVE INFORMATION IN THE VITRINES



GO BEYOND THE OBJECTS, LINK TO HIS LIVE AND CONTEXTS

TO X-BRID Project

what are the contributions from these experiences?

1.Interaction between virtual and augmented Reality (theoretical)

Link museum/territory and territory/museum/

What is better for the public (communication) vs
What the public wants

2.Possibility to Museological and Research experience

Creation, museums and scientific research

THANK YOU

GRACIAS

OBRIGADO

Thanks to prof. Dragos Gheorghiu and Dr. Livia Stefan (TimeMaps)

Municipality of Abrantes (M.I.A.A. project)

&

Instituto Terra e Memória