
POINT

Temporary protection of large size technical and scientific metallic equipment in non-controlled atmospheres (HE-Arc CR)

OBJECTIVES

The objective of this project is to optimise the formulation and mode of application of specific protection systems for the surface of copper and iron-based large size technical artefacts stored or exhibited in an uncontrolled environment or outdoor.

PROGRAM

Two protection systems (sodium carboxylates and carboxylation solutions) are currently tested on a series of artificial metal coupons and artefacts from the Historical Swiss Army Material Foundation (Foundation HAM).

The project is still in progress.

USEFUL LINKS

- [Final report](#)



FUNDING

HES-SO, Réseau de Compétences Design.

PROJECT LEADER

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PARTNERS

Centre de recherche et de restauration des musées de France (C2RMF, Paris), Laboratoire de recherche des monuments historiques, Paris (LRMH), Institut des microtechniques appliquées de la HE-Arc Ingénierie (IMA) and Fondation du matériel historique de l'armée suisse (HAM).

DURATION

2009-2011