

MEMORANDUM OF UNDERSTANDING

between

UNIVERSITY of TÜBINGEN

UR- UND FRÜHGESCHICHTE UND ARCHÄOLOGIE DES MITTELALTERS

and

PARCO ARCHEOLOGICO DI CERVETERI E TARQUINIA

Regarding the project

„CRAFTS AND THE CITY. CERAMIC PRODUCTION IN ETRURIA AT THE
DAWN OF THE URBANISATION (LATE 10TH –MID 7TH CENT. BCE)”

1. Objective of the Agreement

The aim of this agreement is to confirm the willingness of both Parties to accomplish the research goals of the above mentioned joint project between the **Parco archeologico di Cerveteri e Tarquinia**, and the **Ur- und Frühgeschichte und Archäologie des Mittelalters at the University of Tübingen**. The present agreement is written in the spirit of mutually beneficial co-operation.

2. Specific aspects

2.1. Research aim

This project **Crafts and the City** aims to explore technological and related social changes that lead to the transition of urban societies in Etruria and the development of the Etruscan civilisation (late 10th to mid-7th cent. BCE) from a craft perspective. To achieve this, the project will adopt a technological approach to the study of key ceramic assemblages from sites in Etruria, covering both the Villanova phase (late 10th – late 8th cent. BCE) and the early Orientalising period (mid-7th cent. BCE).

2.2. Research activities foreseen in this Agreement

The project will involve two main activities.

- a) Non-invasive analysis of materials from the Villanova and Orientalising period in the museum collections of the Parco archeologico di Cerveteri e Tarquinia. The analysis is focused on macro-traces of the process of pottery vessel formation.
- b) Archaeometric analysis of samples of pottery from the museum collections above mentioned in the laboratories of the Archaeometry Research Group of the University

of Tübingen using non-destructive and destructive analytical methods in order to establish the mineral composition of certain fabric groups, to identify their provenance and obtain information about the production process and use. The main focus is to determine areas of raw mineral procurement and the technological choices made by the potters with regards to fabrics and decoration. In order to perform the analyses, a set of representative fragments is selected amongst the pottery assemblages, and small parts of the material is removed from them for further sample preparation. Both partners will agree on the number of fragments to be analysed.

- c) To establish a cooperation between the institutions above mentioned above to promote various dissemination (e.g. conferences, exhibitions) activities of the results, both for a specialized public and for a wider public of visitors.

2.3. Duration of this Agreement

The agreement comes into effect on the date of signature and is foreseen to run for three years in the first instance; upon the agreement of both partners and in accordance with the Memorandum of Understanding an extension can be agreed in due course.

2.4. Researchers involved

The agreement involves Dr. Maria Taloni and Alberto Villari from Parco archeologico di Cerveteri e Tarquinia., and Dr. Silvia Amicone and Dr Lionello Morandi from the Archaeometry Research Group (Ur- und Frühgeschichte und Archäologie des Mittelalters at the University of Tübingen).

2.5. Roles and responsibilities of the Parties

The Italian partners will facilitate access to the research material and relevant documentation, and arrange for the formal sample export permits in accordance to the Italian law. The German partner will conduct the scientific analysis using the non-destructive and destructive analytical methods available at the University of Tübingen. All results of the new research will be shared between both partners (through duplication of hard or soft copies), and will be used only for presentations and publications, unless otherwise agreed by both partners, and approved with the signatures of the contact persons.

2.6. Funding and administration

Both partners agree that all expenses, including research material, international and domestic travel, per diem, honoraria and all other costs, shall be the responsibility of the home institution unless otherwise stated.

2.7. Publication

Both partners jointly will discuss the available archaeological and scientific documentation and results, and work on publication of the results in suitable scientific journals, in Italy and internationally.

2.8. Liability

The parties are liable only for property damages and financial loss caused by intent or gross negligence.

2.9

Each Party provides for the insurance coverage required by the law for their own personnel and any external consultants and/or other individuals who for any reason may be required to access the venues where the activities are performed in accordance with the present Agreement.

2.10

In case of disagreements regarding the interpretation and execution of the present Agreement, the matter will be initially resolved in a friendly manner. In case this was not possible, the judge residing in the counterparty's country is competent.

2.11

The present Agreement has been formally approved by the Directorate-General for Education, research and cultural institutes (Ministry of Culture - Italy) with memorandum prot. 34035 of 09-06-2023. It is signed digitally in a single informatic original copy. It is subject to stamp duty, which will be paid by the Parco Archeologico di Cerveteri e Tarquinia

2.12

The Parties declare that they have informed each other and completely agree that the personal information collected in writing, orally or in any other form following this Agreement and during its application, will be processed exclusively for the goals of said Agreement and according to the provisions of the Regulation (EU) 2016/679 GDPR.

3. Concluding agreement

This agreement is signed by the authorised representatives of both Parties.

Signatures:

For and on behalf of the

Parco archeologico di Cerveteri e Tarquinia

University of Tübingen

Italy



Dr. Andreas Rothfuss



Dr. Vincenzo Bellelli

Read and acknowledged:

Dr. Silvia Amicone

Dr. Maria Taloni

Date: 04.08.2023