



TASK O2-A5 TECHNICAL CONCLUSIONS OF INTERNATIONAL SEMINAR IN ITALY

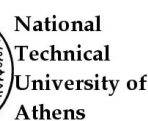
Ferrara Fair
“Salone Internazionale del Restauro”
June 8th, 2022



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1. INTRODUCTION

The event “Improving technification, safe production and use of nanomaterials in stone sector” was organised within the NanoSafe project. This Multiplier Event is a task included in the deliverable identified as O2/A5 "*Technical conclusions of First International Seminar in Italy*".

This task is included in Intellectual Output 2 "*Production of 3D Training Tool for application of nanomaterials in Stone Sector*" of the NanoSafe project.

This Multiplier Event, held on the Ferrara fair and organised by Scuola Edile Padova, focused on the use of nanomaterials in stone products and was attended by professionals from the construction and stone sector. At this multiplier event, all the results produced at this stage of the project were disseminated.

The different risks and prevention measures for the use of nanomaterials were analysed and the strengths and weaknesses of each of them were discussed as well as their adaptation to the current needs of the stone sector and whether they respect EU environmental policy. The experts' comments were used to improve this intellectual product.

This technical report compiles the main conclusions with the aim of implementing corresponding improvements in the project results.



AGENDA

NanoSafe project

MULTIPLAYER EVENT

IMPROVING TECHNIFICATION, SAFE PRODUCTION AND USE OF NANOMATERIALS IN STONE SECTOR.

JUNE 8th, 2022



RESTAURO
SALONE INTERNAZIONALE

Meeting place:

FERRARA FIERE Via della Fiera 11 - 44124 Ferrara (Emilia Romagna) ITALY

SALA ASIA (primo piano - atrio)

- | | |
|---------------|--|
| 12.00 - 12.15 | 0. Welcome participants by host organisation |
| 12.15 - 12.30 | 1. Registration participants to FORMEDIL stand |
| 12.30 - 13.10 | 2. Welcome buffet |
| 13.15 - 14.00 | 3. General presentation the project - Director SCUOLA EDILE PADOVA in SALA ASIA (First floor - atrium) |
| 14.00 - 14.30 | 4. Presentation of the 10 scenes in the VR device |
| 14.30 - 15.00 | 5. Comments and Closure of the meeting |

1. General overview of the Nanosafe project

The Multiplier Event was held by Scuola Edile Padova, which was hosted in the stand of Formedil, which is the joint national body for training, safety and employment services in Italy.



It was carried out by Mr. Andrea Pagnacco, Director of Scuola Edile Padova.

Scuola Edile Padova has been dealing with safety courses for adults and building companies for years. In addition to that, Scuola Edile Padova is also a VET school which has been active in the field of education and training to teenagers.

The seminar was attended by teachers and trainers of some VET building schools, by building and stone masonry companies in Italy and also by some teachers of the Faculty of Restoration of IUAV University in Venice.

2. PRESENTATION OF OBJECTIVES, RESULTS AND CONTENTS

Mr. Andrea Pagnacco gave a brief presentation of the tasks and expected results of the project, emphasizing that this project is of educational scope for training purposes for students and professionals in the sector of natural stone and related. Mr. Andrea Pagnacco described each of the deliverables of the project in detail.



3. PRESENTATION OF THE SCENES

Mr. Andrea Pagnacco introduced the 10 animations and how they work in the VR device.

1. Use sawing machine with water cooling to reduce dust

2. Application of different products in a factory

3. Pouring of nanomaterial powder into a liquid matrix to create a mixture

4. Nanomaterial applied with a spray-gun on a stone material surface

5. Nanomaterial fixed in a solid matrix which is being drilled

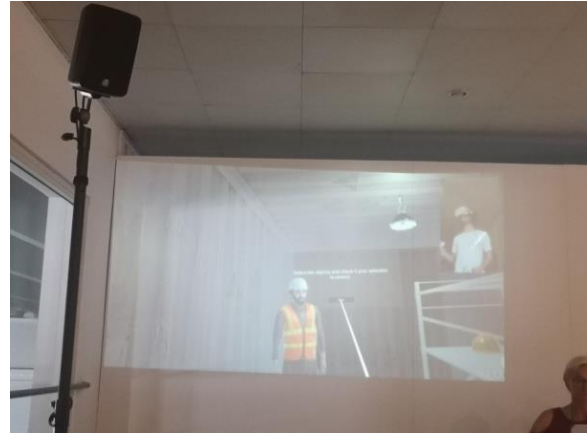
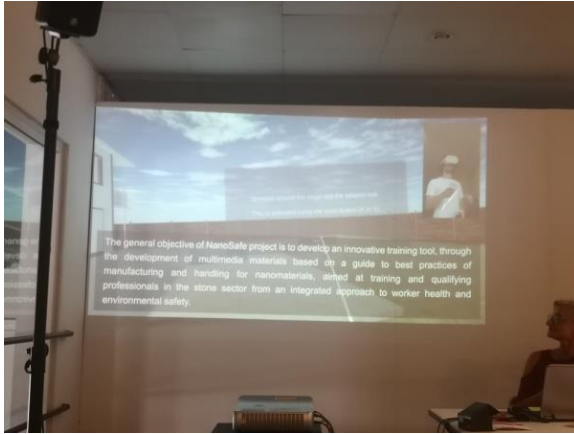
6. Application of different products in factory (part II).

7. Dust-air mixtures in a factory

8. Nano-waste management environmental protection

9. Nanomaterial applied as an aerosol

10. Waste cleaning or disposal after working hours



4. DISCUSSION

As the agenda established, once all presentations had been finished, a discussion was held, in which participants had the opportunity to express their doubts and concerns regarding the project to seminar speaker.





NUMBER OF ATTENDEES

The total attendance at the Multiplier event of the Nanosafe project was 25 external people, in addition to the project participants:

Scuola Edile Padova

- Andrea Pagnacco
- Christine Rossi
- Alessia Ranci.

Formedil

- Stefano Macale

CEFS – Centro Edile per la Formazione e la Sicurezza - Udine

CFS Napoli - Centro Formazione e Sicurezza

IUAV – Faculty of Restoration

- Professor Angela Squassina

Due to the Data Protection Law, the *Attendees list* is not available for public use.