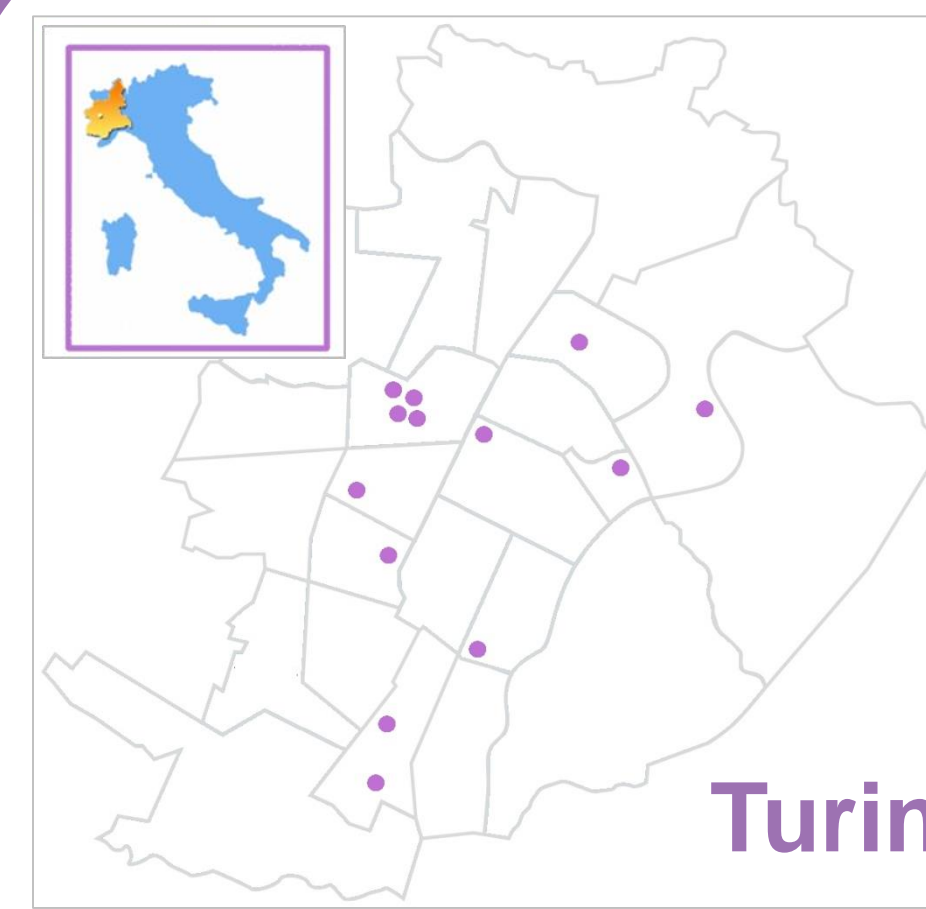
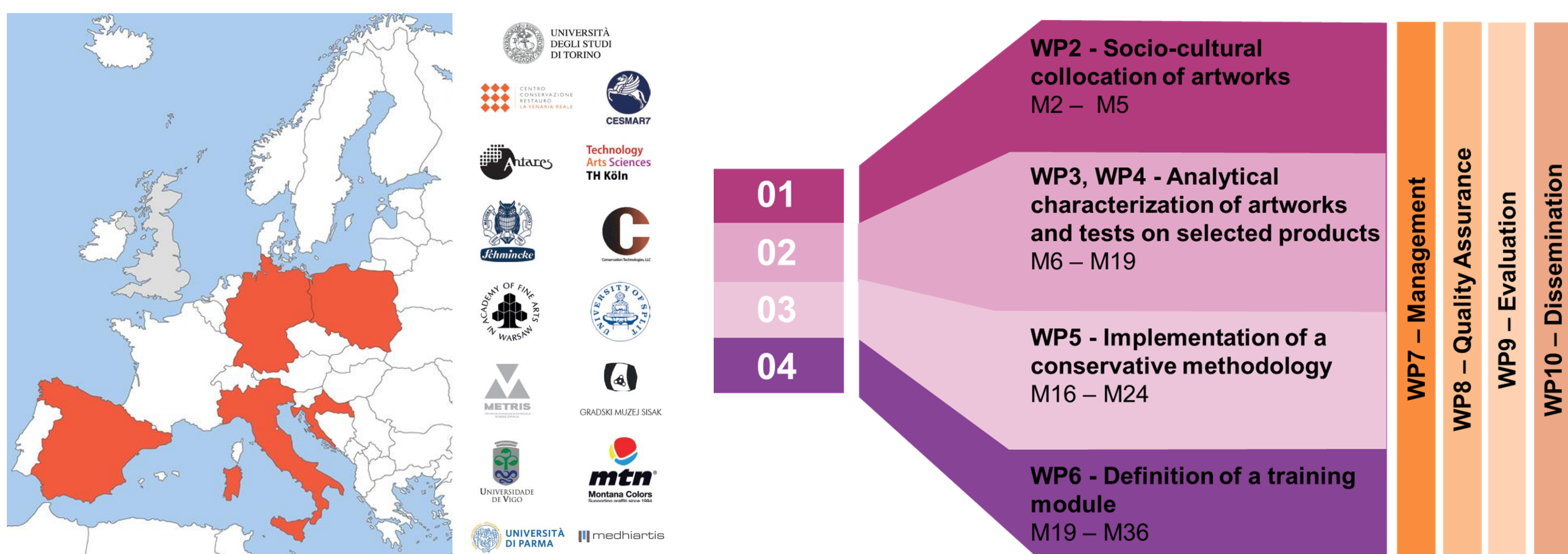


Conservation of Art in Public Spaces (CAPuS) is an Erasmus + Knowledge Alliances Project, where a strong alliance between **manufacturers, restorers, universities and research centers** has been established to effectively contribute to the conservation of urban art. Artists have also been involved through structured interviews. The two main goals of the CAPuS project are:

- the development of guidelines for the protection and the conservation of urban art
- the introduction of an innovative training module in higher education institutions

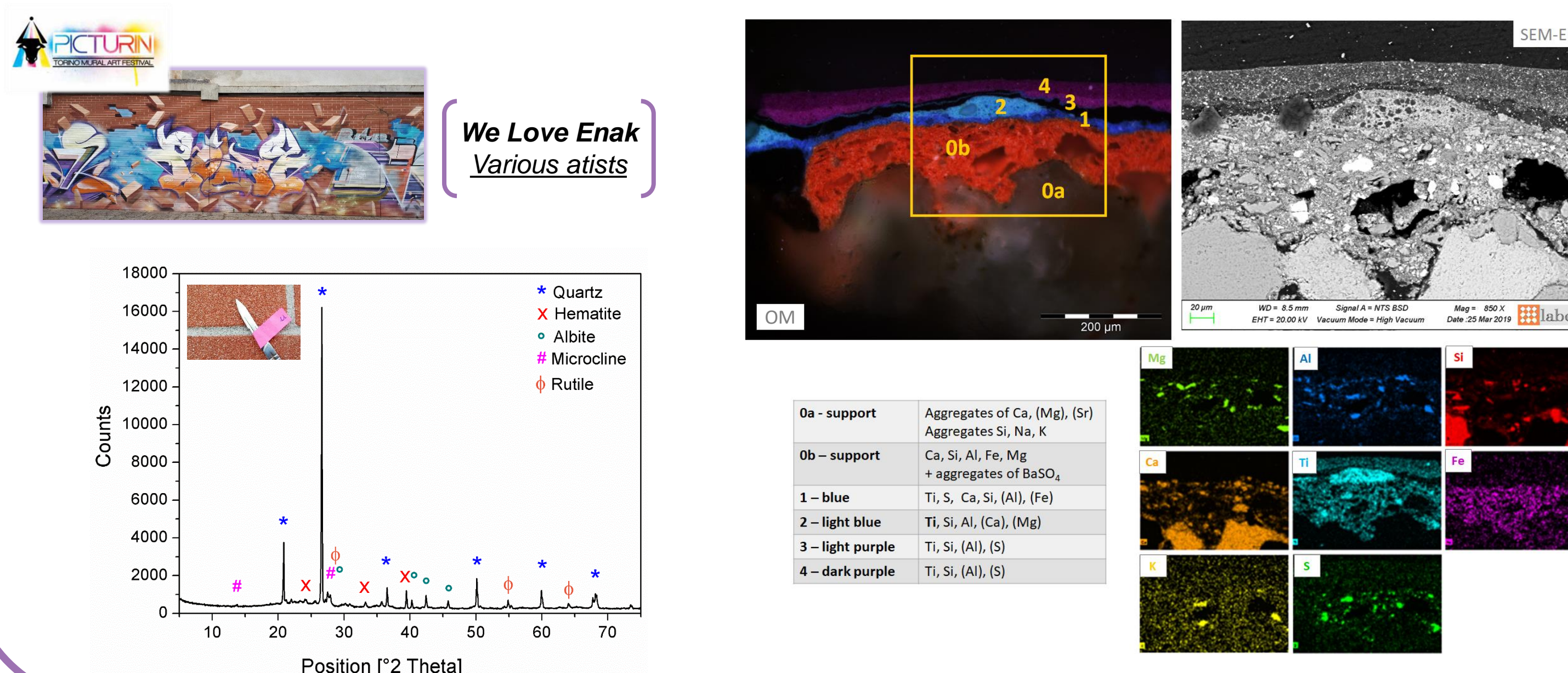
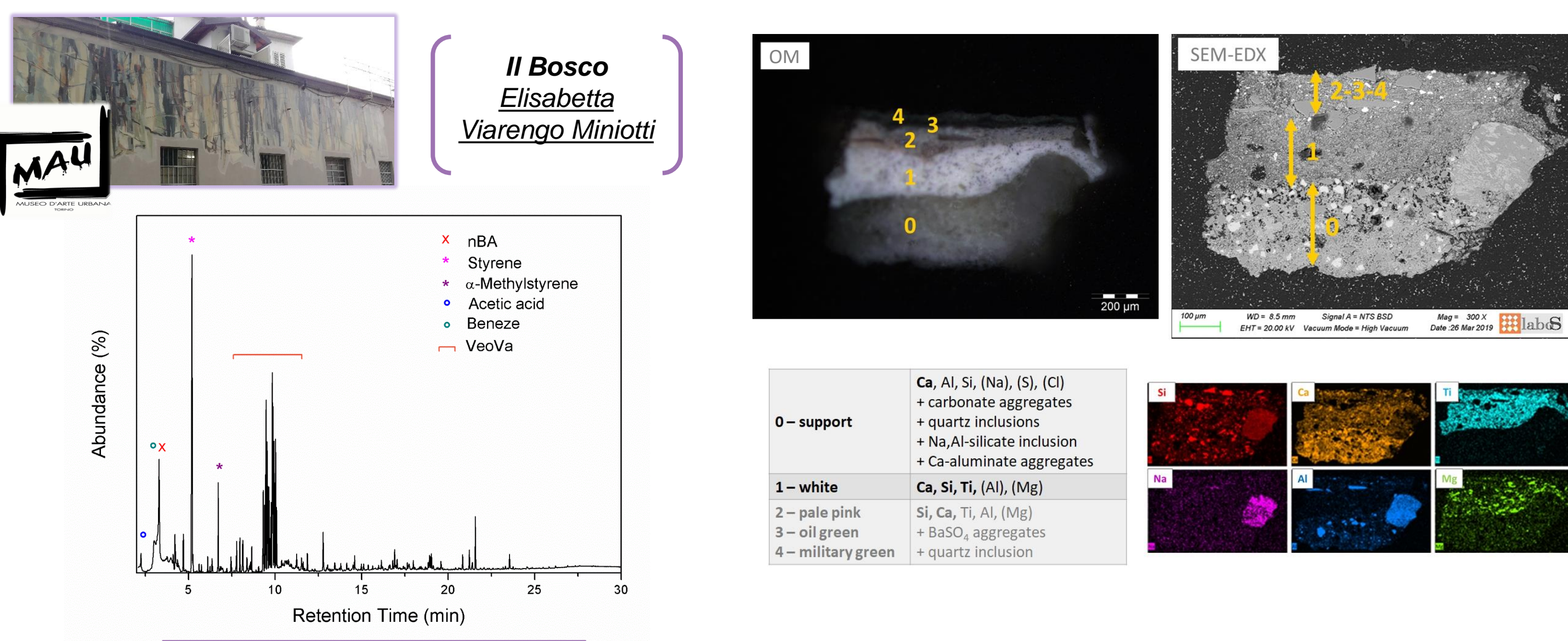
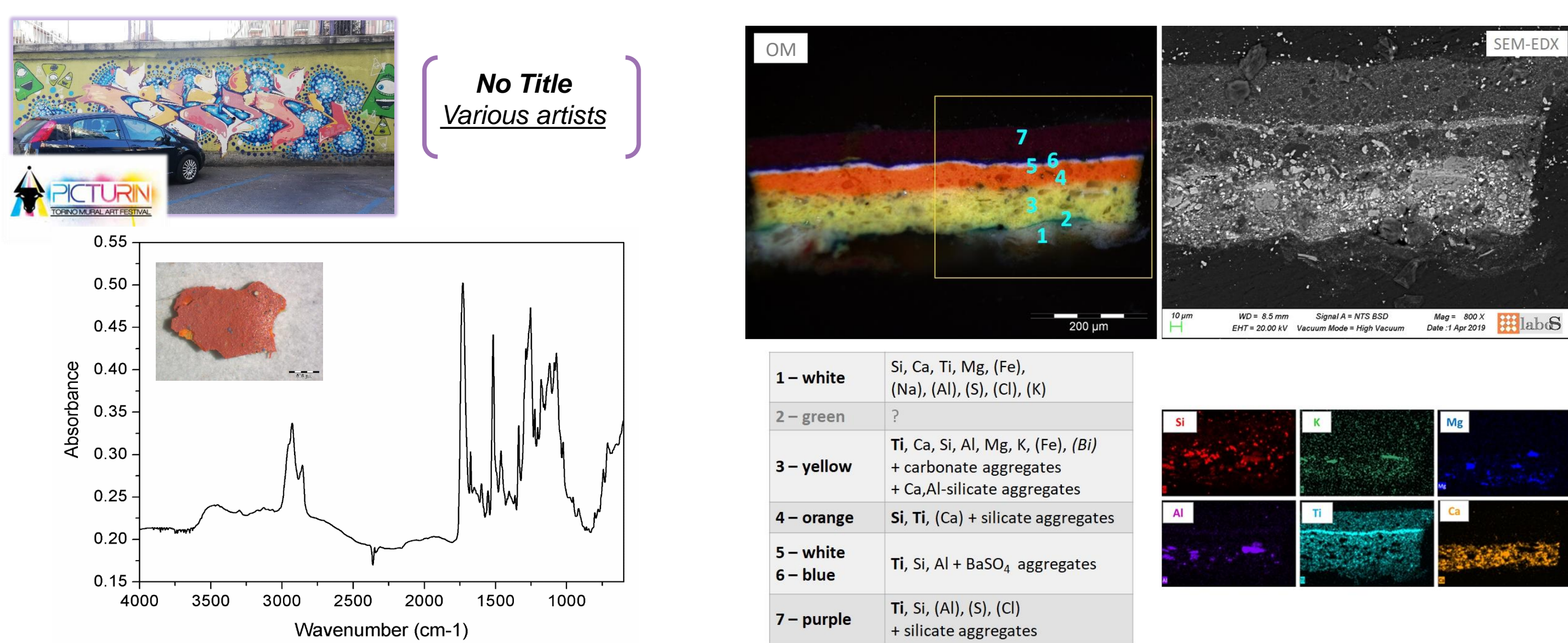


Since the '90s, Turin has become a particularly active and prolific city in the urban art scene hosting several street art festivals and other initiatives of urban art (i.e. the MurArte project, PicTurin - Turin Mural Art Festival, the international call B.ART) which led to the realization of more than 80 murals. To these works are added those present in MAU, an outdoor urban art museum, which currently hosts 147 works of public art by 96 artists.



1. Selection of 13 artworks
2. Interviews to artists
3. Identification of constituent materials
4. Composition & stability of paints and spray colours
5. Study of paint-support interface phenomena

02 WP3, WP4 – Analytical characterisation



SUPPORT	Concrete - Plaster - Bricks - Metal - Wood		
PAINTED LAYER	Binder	Alkyd	S, B*
		Acrylic	S, B
		Styrene acrylic	S, B
		PVA/VeoVa	S, B
		PVA	B
	Pigments	Nitrocellulose	B
Inorganic pigments & fillers (talc, kaolin and other silicates, calcite, Ti white, quartz, barite, dolomite, Prussian blue, Zn white)			
	Organic pigments (Hansa Yellow, Permanent Yellow, PY74, PR84, Cinquasia Violet)		
PROTECTIVE LAYER	Acrylic Resin		
	Styrene acrylic		

* S = spray painting; B = brush painting

02 WP3, WP4 – Aging tests of selected products

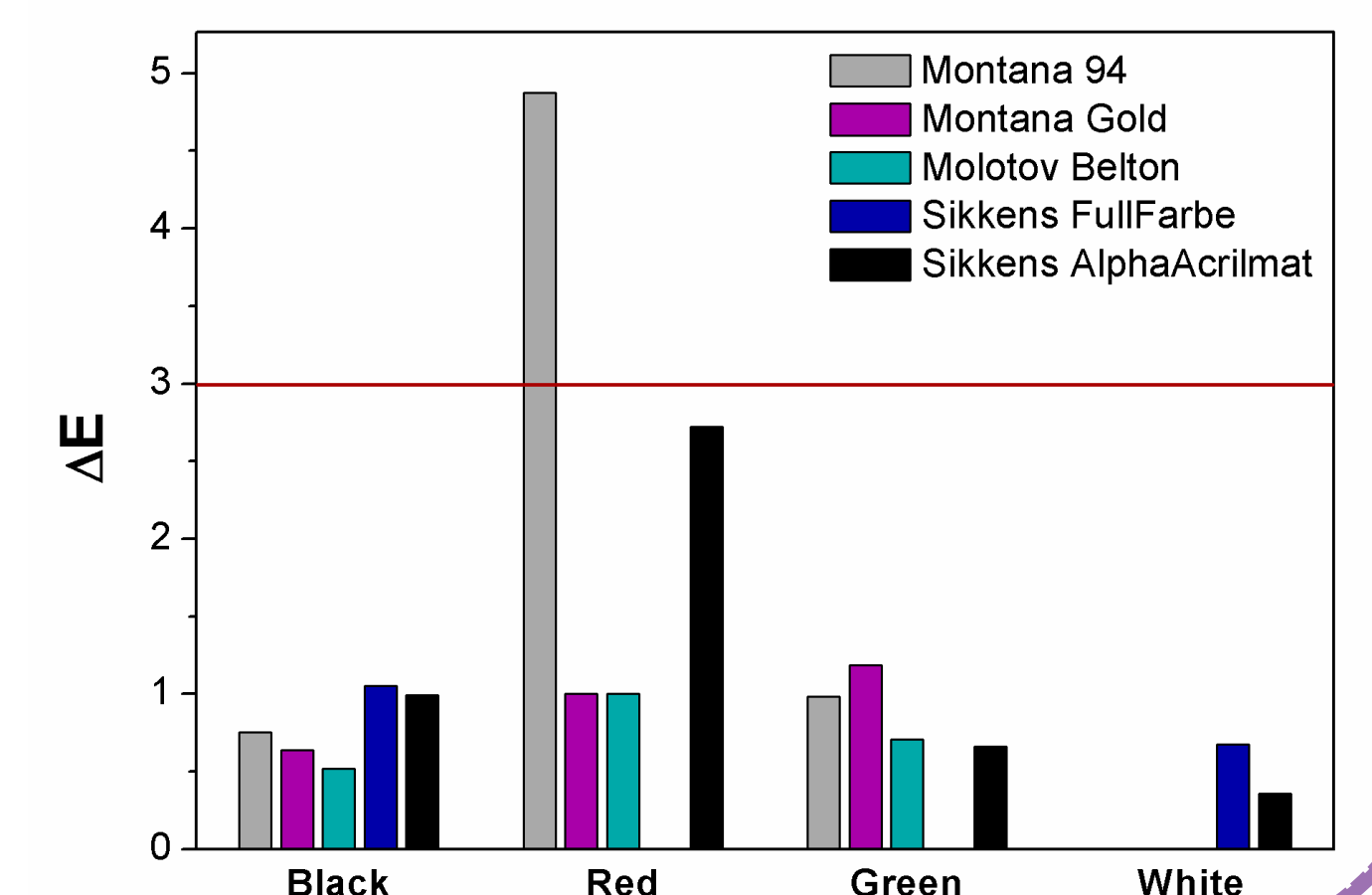
SUPPORT	Concrete - Plaster - Bricks - Glass slides		
PRIMER	Montana Colors - Sikkens		
PAINT LAYER	Spray painting	Montana Gold	R - MG - B*
		Montana 94	R - MG - B
	Brush painting	Molotov Belton	R - MG - B
		Sikkens AlphaAcrlimat	R - MG - B - W
	Sikkens Fullfarbe	B - W	

* R = red; MG = military green; B = black; W = white

Aging tests

- ☐ CIE Lab
- ☐ ATR-FTIR
- ☐ Py-GC/MS

$$\Delta E T_0 - T_{1000h}$$



The main aim of this part of the CAPuS project is to understand and outline the variability of materials used in Urban Art and to investigate their stability also in relation to the kind of support (i.e. plaster, brick, concrete, metal, wood) and to the interactions with the outdoor environment.

In the next months model samples will be aged naturally and under accelerated outdoor conditions, and their mechanical integrity, chemical, colour and surface changes will be monitored over time.



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