

## The Colosseum's New Arena Floor

The project team is composed as follows:

— Milan Ingegneria

Project leader - structure design and safety

— Architetto Fabio Fumagalli

Head of integrated specialist services - architectural design

— Labics

Architectural design

— Consilium Servizi di Ingegneria

Systems design

— Croma

Restoration



## **Milan Ingegneria**

Milan Ingegneria can handle all project activities with a multidisciplinary approach, developing feasibility analysis, supporting the client during the different project and contracting phases as well as budget evaluation, site and safety supervision. Innovative building techniques combined with the use of appropriate materials can guarantee safety and functionality, and enable us to reduce building and managing costs. Milan Ingegneria offers a wide range of planning and consultancy services in the field of civil infrastructural engineering, Project Management, Quality Surveillance, Site Supervision, Testing and Health and Safety Coordination. The firm brings together a team of highly skilled and experienced professionals specialised in structural, energy, environmental, infrastructure and geotechnics design, who can guarantee an effective technical-scientific approach and a constant monitoring of each project's schedule and budget, always complying with the highest quality standards.

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## **Architect PhD Fabio Fumagalli**

Graduated with honors in architecture, he obtained a PhD on the structural conservation of historical masonry. He has studied the topics of masonry structures instabilities and seismic vulnerability, both on single buildings as well as at the urban scale, with collaborations, contracts and research grants with La Sapienza, CNR, Abruzzo Region and the Seismic Risk Department of the National Civil Protection in Italy. He has produced several publications mainly concerning the rehabilitation of historical walls and the study of structural behavior through static, dynamic and environmental monitoring systems. He worked in Cambodia with Unesco in the archaeological area of Angkor Wat, in Turkey with the University of Viterbo for the Byzantine shrine of Küçük Tavsan Adasi and with the Palatina-Istanbul Association for the Urban Historical Park of Sultanahmet in Istanbul. Since 2000 he collaborates with the Italian Ministry of Culture for interventions on historical monumental buildings.

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## **Labics**

Based in Rome, Labics is an architectural and urban planning practice founded in 2002 by Maria Claudia Clemente and Francesco Isidori. The name of the practice – Labics – expresses the concept of a laboratory, a testing ground for advanced ideas. Combining the theoretical approach with applied research, the field of interest of the office extends from small scale interventions to urban masterplans, going through the different dimensions and complexities of the project. Since the beginning, Labics' work has captured the attention of critics and journalists, and the practice is now firmly established among the excellence of Italian architects. In December 2003, just a year after the practice was founded, the US journal Architectural Record positioned Labics as one of the most important architectural talents to emerge in recent years in its Design Vanguard issue. Labics has won several national and international architectural competitions including the MAST (Manifattura di Arti, Sperimentazione e Tecnologia) in Bologna (2006-2013) and the Città del Sole development in Rome (2007-2016). In 2017 Labics won the invited competition for four residential buildings within the Cascina Merlata masterplan in Milan and the one for the addition and renovation of the Renaissance Palazzo dei Diamanti in Ferrara. Several projects by Labics have gained awards, among which MAST and Città del Sole that have also been selected for The European Union Prize for Contemporary Architecture – Mies van der Rohe Award. Their works have been featured in numerous significant publications. *Structures* is their first monograph (Park Books, 2018).

[www.labics.it](http://www.labics.it)