

# NETWORKS, MARKETS & PEOPLE - NMP2024

## THEMATIC SESSIONS - TS

### TS-01

#### PRODUCTION LANDSCAPES THROUGH ENERGY TRANSITIONS FROM 18<sup>TH</sup> TO THE 20<sup>TH</sup> CENTURY: TANGIBLE AND INTANGIBLE NETWORKS

*Keywords: Energy Transition; Production Landscape; Industrial Heritage; Networks.*

“Energy transition” represents a significant structural change throughout industrial history. Since the 18th century the gradual passage from local raw materials and energy production exploitation occurred to a regional, continental, and ultimately, in the post-WWII period, a global approach of production infrastructure. Indeed, the first crucial step was the transition from biomass to coal in the late 18th – early 19th century, followed by hydroelectric and later petroleum power production between the late 19th and the early 20th century, natural gas, and nuclear energy since the end of WWII. The session aims at an interdisciplinary and international debate concerning the various energy transitions throughout the modern history and their impact on the territories that shaped, modified, and transformed in a matter of tangible and intangible “networks”. Thus, the session aims to stimulate at theoretical, methodological, and local-specific understanding and interpretation of a territorial transformation under the lenses of the energy transition, linked and interconnected from a spatial, economic, political, environmental, and socio-cultural perspective with the industrialization/deindustrialization processes. The session aims to open the debate on the coexistence of previous energy transitions and the manner they impacted our territories transversally, in different geographical and socio-cultural settings, and what are their aftermaths, given a new triggered energy transition. The session is open to heritage experts, architects, urban planners, historians, economists, sociologists, and anthropologists.

#### CHAIRS

**Valentina Pintus** - University of Cagliari, Italy.

Assistant Professor in Architectural Restoration. Her recent research and didactic activities focus on preservation of historic landscape and reuse of former ancient prisons.

**Nino Sulfaro** - Mediterranea University of Reggio Calabria, Italy.

Associate Professor in Architectural Restoration. His recent research and didactic activities focus on abandoned small towns and pre-industrial and industrial heritage.

**Oana Cristina Tiganea** - Polytechnic of Milan, Italy.

Assistant Professor in Architectural Restoration. Her recent research and didactic activities focus on the 20th-century-built legacy.