5TH SYMPOSIUM ON URBAN MINING AND CIRCULAR ECONOMY
18-20 NOVEMBER 2020 / VIRTUAL EVENT

SUM 2020

ORGANISED BY: IWWG . INTERNATIONAL WASTE WORKING GROUP

SYMPOSIUM PROGRAMME / UPDATED ON 04/11/2020

FRIDAY NOVEMBER 20
13:15-14:30 UTC +1

SESSION E6
NEWS: RECODING INFRASTRUCTURE
Chairs / *Presidenti:* Paolo Carli (IT)

The contemporary city is dotted with large infrastructure that allows its accessibility and operation. Today, roads, railways, bridges, overpasses, underpasses, parking lots, but also service stations, sewages and telecommunications networks, form the very backbone of the city, often more than squares, roads and markets. These categories of infrastructure with a strong perceptual and environmental impact are considered alienating from the inhabitants and generating segregation, iniquity of the access to urban services and terrain vagues, unfriendly and insecure spaces, often left in total abandonment. Static and unchanged over the years, these mono-functional artefacts require a new critical approach inside the city regeneration agenda. The effects of climate change, the urban heat island phenomenon, the air pollution, the population density increasing due to migratory movements, the cost of materials and the scarce accessibility of resources, impose a change in the programming codes of the urban areas that involve directly the infrastructure. Using as case study the research UNPark, funded by the social engagement and responsibility programme Polisocial 2019 of the Politecnico di Milano, the Network Session proposes a critical analysis of the processes in progress to collect and learn about new tools that allow to frame these changes in a wider picture of urban transformation, which takes into account the social aspects of the re-signification of public heritage.

P. Carli, P. Scrugli (IT)
Recoding urban infrastructure

D. Crippa, B. Di Prete, E. Lonardo (IT)
The many ways of plastic: technological innovation as a driver of urban regeneration

D. Crippa, E. Lonardo, A. Rebaglio (IT)
The "RE" Factor: re-cycle, re-use, re-think

M. Clementi (IT)
From waste to locally sourced building materials for a prosuming community

C. Monticelli (IT)
The life cycle design of textiles for urban architectures: their potentials as reused/reusable solutions and as mitigation solutions

SESSION F6
POSTER DISCUSSION I
Chair / *Presidente:*

Three poster discussion hubs will be held during the symposium, where poster presenters and other delegates can meet, network and discuss the poster topics and findings. Poster discussions will be highly interactive sessions structured according the format below: - Live introduction from the chair - Authors will have 8 minutes to present their poster - Live Q&A session to provide additional information, highlight key points and answer questions.