

"CLEANER PRODUCTION INITIATIVES AND CHALLENGES FOR A SUSTAINABLE WORLD"

Tunnels and Non-Destructive Methods of Multi-Utility: Benefits for the Sustainability of the Networks of Urban Infrastructure

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Abstract

This paper aims at addressing the constructive processes of underground networks and urban infrastructure from the perspective of sustainability. The methodology is based on analyzing the most common methods that are digging the tunnels and non-destructive multi-utility. From the study of the methods separately is a comparative analysis that results in the profile within each aspect of sustainability. The conclusion can be reached after this study is of how much still needs to be done in the construction sector so that it incorporates the concepts of sustainability.

Keywords: urban infrastructure, underground, sustainability.