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This article investigates how intelligence can contribute to the flexibility of infrastructures.

Intelligent solutions, here, are ways to optimise the capacity, efficiency, safety, sustainability &tcetera. of an infrastructure system, typically by means of ict-based information processing.

For this, three cases are presented of implementations of intelligent solutions. Viewing the infrastructure as part of a constellation, serving to fulfil a societal need, the problems encountered in these cases are found to be of a similar nature. It is found that intelligent technology in itself is not enough for an intelligent solution, the users and operators need to be involved in a...

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