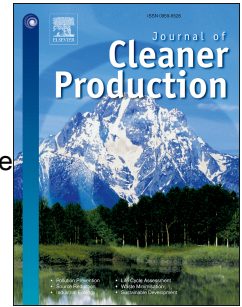


# Accepted Manuscript

Life cycle environmental benefits of a forward-thinking design phase for buildings: The case study of a temporary pavilion built for an international exhibition

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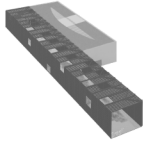
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Life Cycle Assessment  
temporary building

1<sup>st</sup> life: 6 months



61% resource savings using  
green materials

2<sup>nd</sup> life scenarios

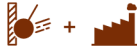
REFUNCTIONALISATION ON SITE



RELOCATION

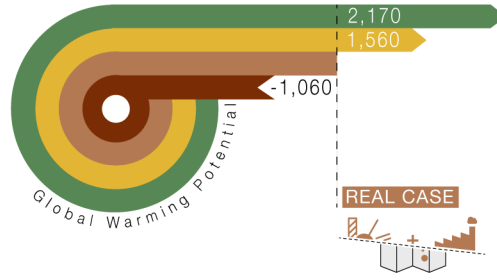


RECYCLE



2<sup>nd</sup> life: 10 years

tonnes of CO<sub>2</sub> saved



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