



Sustainable public spaces

& environmental well-being

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Basis

There is **legislation** related to protecting the environment – generally.

There is none directly aimed at the events industry

ISO 20121- Sustainable events – Voluntary not everyone is adhering to the same extent.



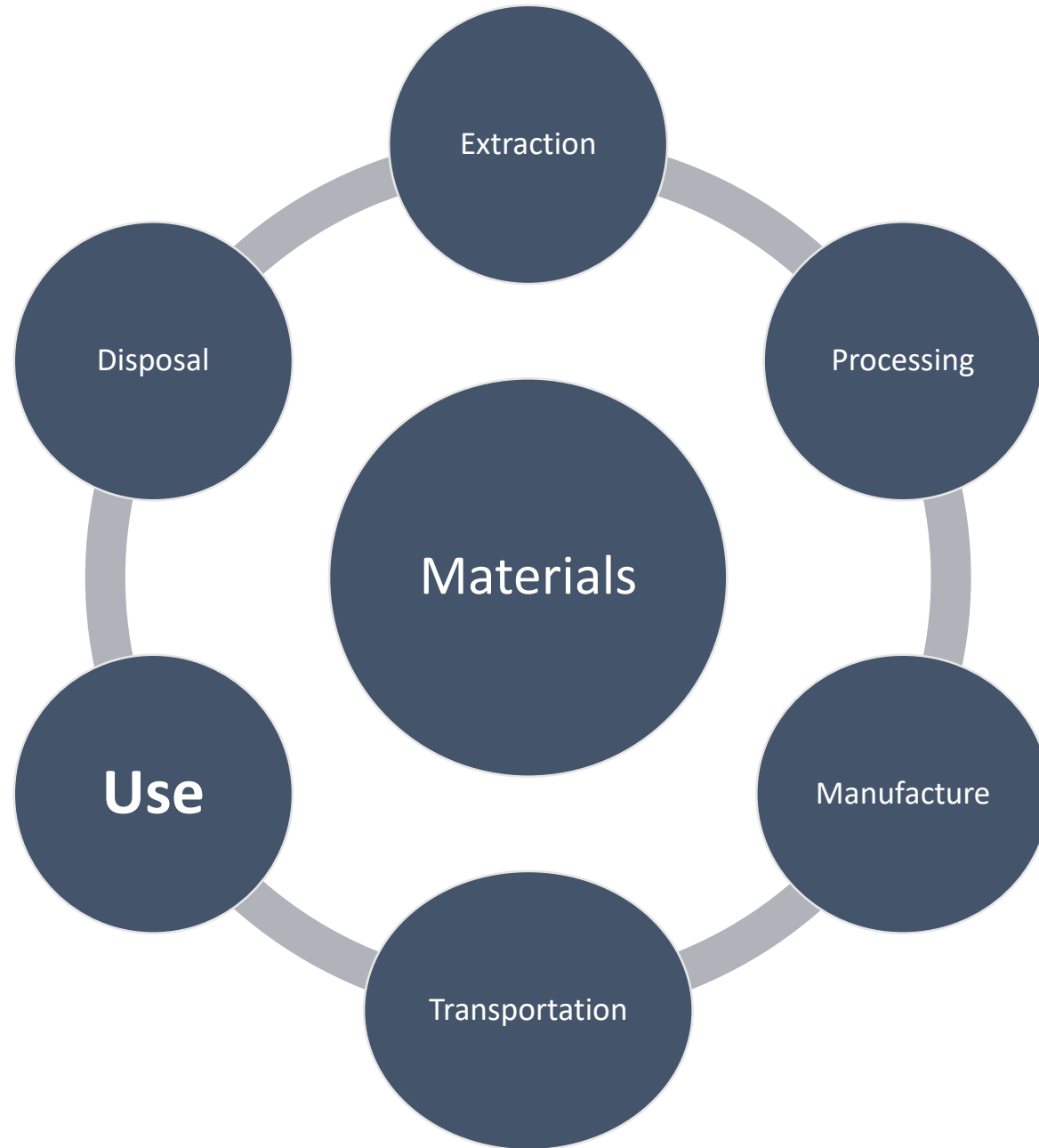
Ecology

- Grass – re-turfing is not sustainable – “reinstatement” is a remedy to an avoidable problem
- Sustainable drainage – utilises the natural water retention processes of ecological features, by removing these features (digging up, covering etc) drainage is no longer effective. It takes much longer for the soil to recover than simply re-turfing.
- Trees – it takes 40 years for the average tree to displace one tonne of CO₂. It will take 543 trees 40 years to displace the carbon impact from travel for 1 days' worth of visitors to the market

Lights and power

- Diesel generators
 - Local emissions
 - Local air quality reduction
 - Local noise impact
- Up to 1000% increase in energy consumption for the duration of the event – with associated carbon emissions
- Individual heaters in each stall
- Individual cooking equipment

Materials



Waste



Pedestrians and accessibility

- Significant over crowding
 - Mobility issues
 - Wheelchairs, buggies, canes, crutches etc
 - Support animals
 - Visual impairments
 - Access safety
 - Personal space
 - Hygiene
- Reduced access to public transport – increased emissions from modal changes (people preferred to take their cars to avoid the localised transport problems)

Transportation

- Delays
- Diversions
- Cancellations
- Overcrowding
- Shift to single occupant car journeys

All of which mean increased emissions and detrimental environmental impacts

Noise pollution

Noise can have ripple effects on long lives plants and trees that can last for decades after the noise subsides

Animals and birds are displaced by noise disruptions and this has knock on effects on the level of pollination and biodiversity within an area.



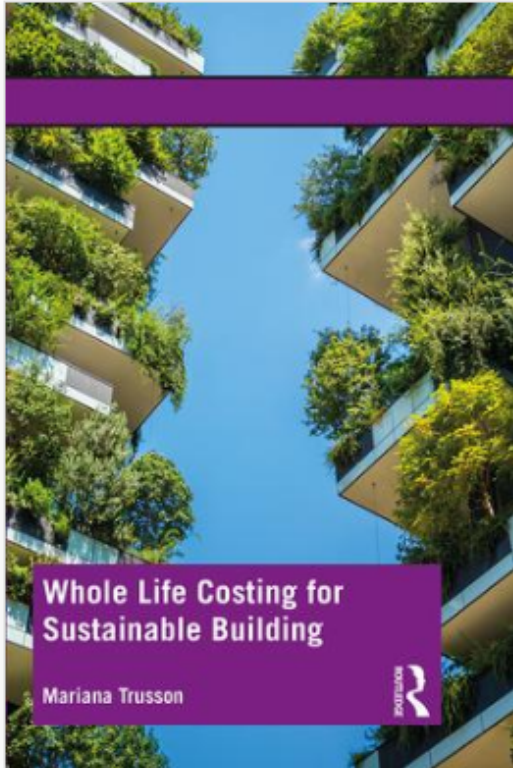
Potential solutions

- Ask for the voluntary standard ISO 20121 to become a pre-requisite
- Disperse the locations to areas already set up as market places
 - No ecological impact in urban locations
- Zero carbon energy consumption
- Zero waste to landfill pre-requisite
- Zero virgin materials pre-requisite
 - Only re-used or recycled materials to be used for set up

Informed decision

Why go green?





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Routledge

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Description

Whole life costing is now integral to building procurement both for new buildings and major refurbishments. It is key when assessing investment scenarios for estates as well as individual buildings, and has become a tool for justifying higher capital cost items.

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