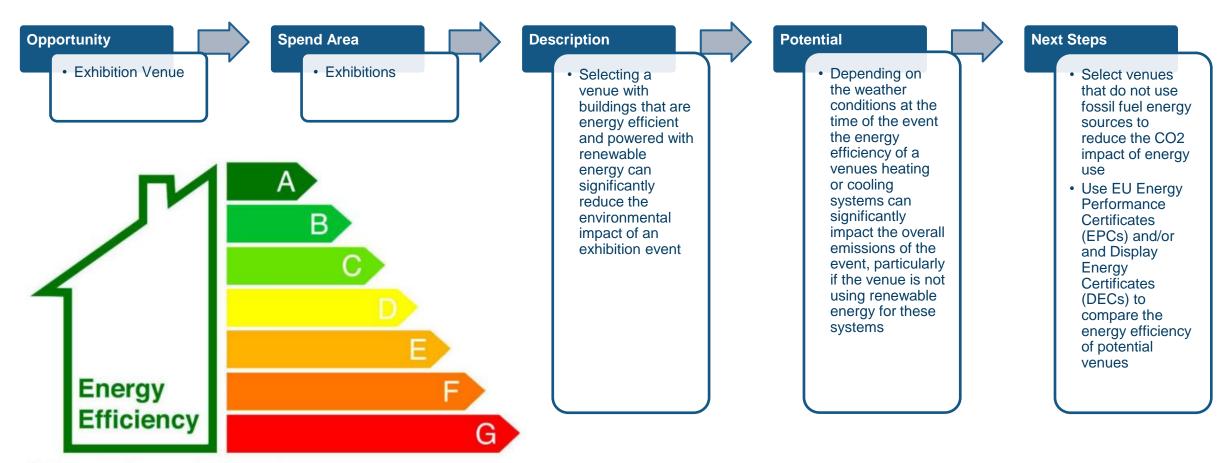
CERP3 Decarbonization Procurement family 12

Office supplies, furniture and training

Current Situation in Procurement family 12 – Office supplies, furniture and training

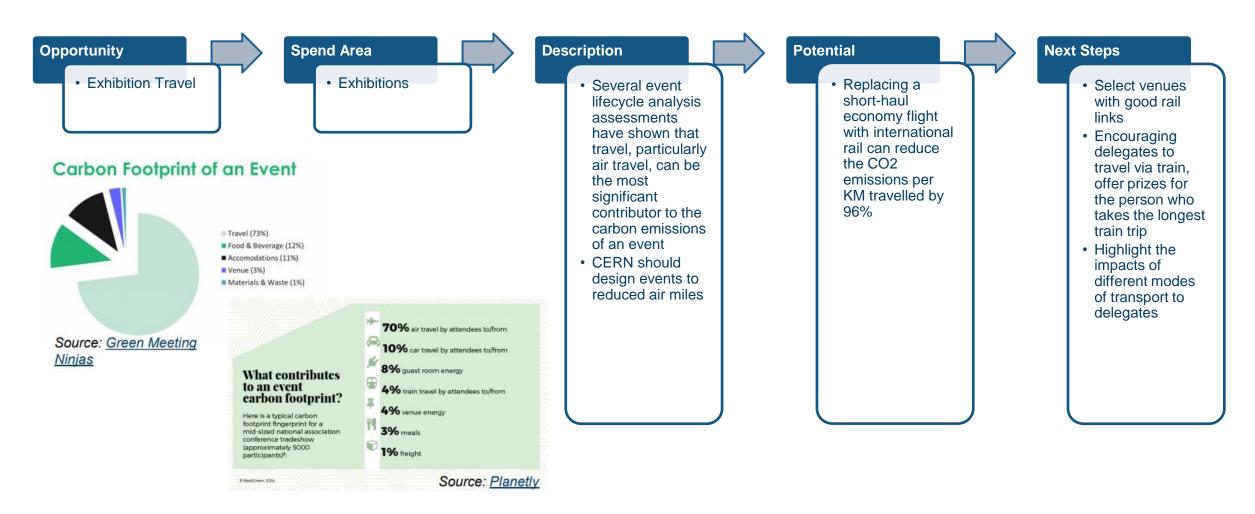
- ► There is some information sharing about making environmentally responsible exhibition events between CERN and The French National Museum.
- CERN host both static and travelling exhibitions.
- Used Office Furniture is stored and reused at CERN.
- Office Supplies are bought via a punchout catalogue.

Select Venues that are energy efficient and powered by renewable energy to reduce the CO2 impact of the event



EU Energy Performance Certificate ratings

Exhibitions should be designed to encourage delegates to avoid aeroplane travel because this can have the greatest impact of the emissions of an event



Ask suppliers to complete a lifecycle carbon assessment so they can compare the

environmental responsibility of different exhibition designs

Opportunity Exhibition AV Hardware

Spend Area Audio Visual

Hardware

Description

 The energy efficiency of AV equipment can vary widely depending on the kit and how it is used during an event

CERN should

include questions in the Market Survey about the energy efficiency of AV Hardware Moreover. **CERN** should ask suppliers to use LED lighting wherever possible

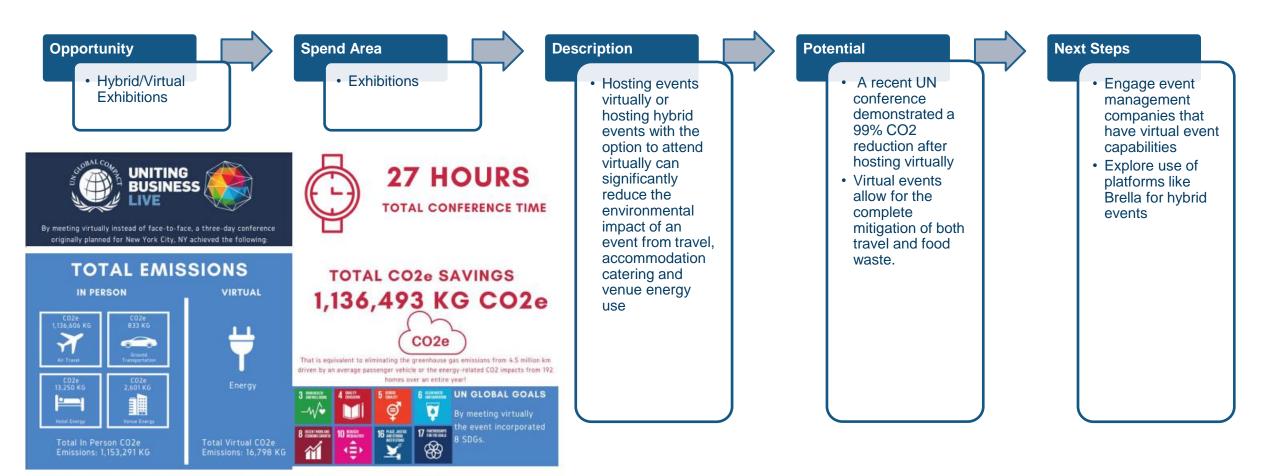
Potential

 LED lighting achieves energy savings of 50-70%+ compared to older lighting technologies

Next Steps

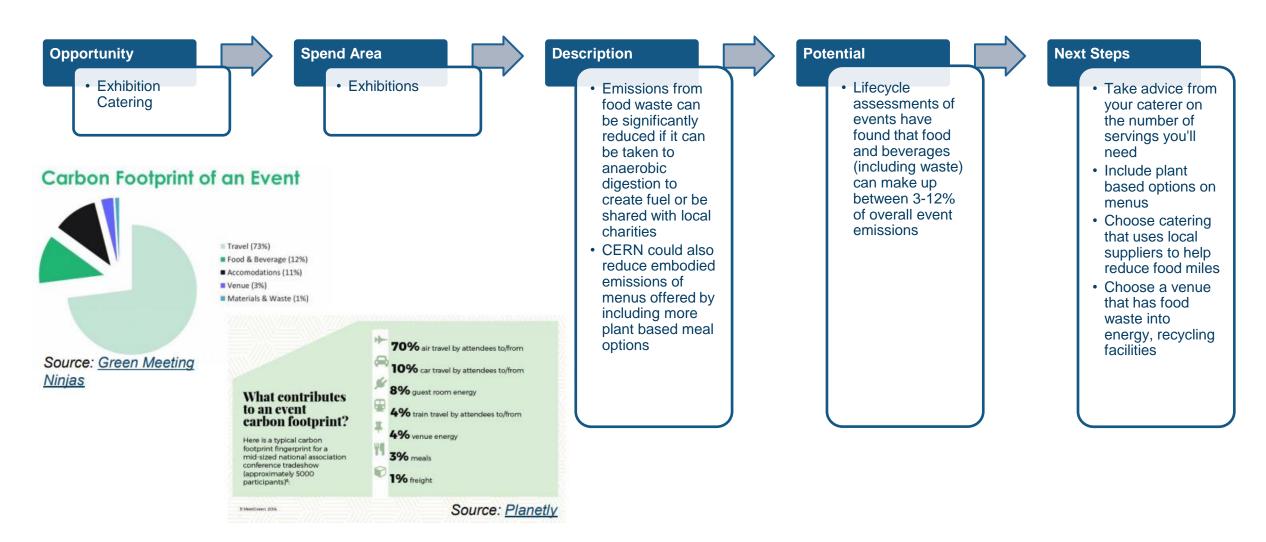
- Ask suppliers about the energy performance of AV equipment and how this can be managed throughout events with features like sleep mode
- Ask suppliers how much LED lighting can be used in Market Surveys and then if this does not significantly reduce the competitiveness of bids then include it as a requirement in bids

Huge advances in online event platforms might mean that CERN can offer hybrid/virtual exhibitions to cut emissions and reach larger audiences

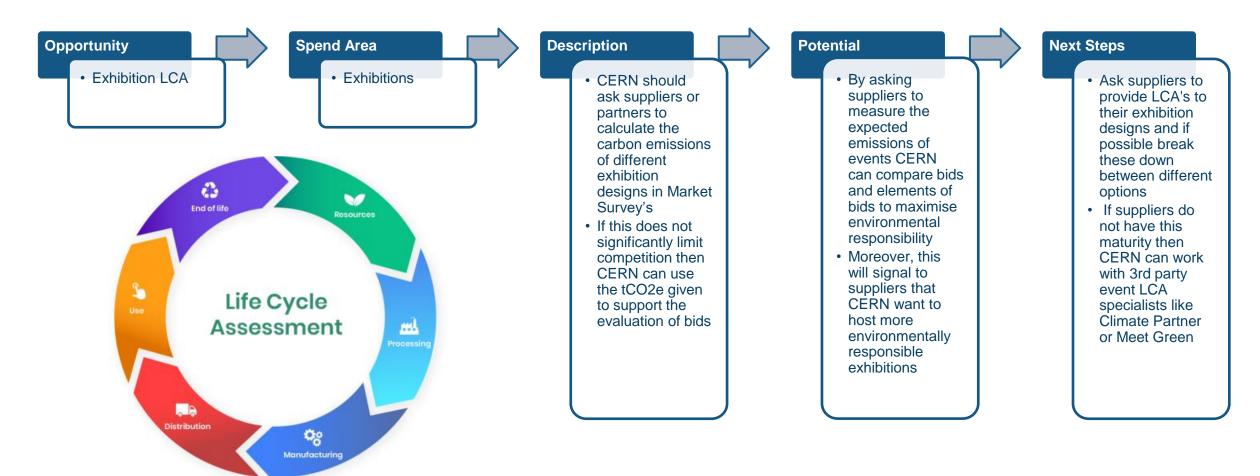


Source: Planetly - CO2 Reductions from Virtual NYC UN Conference

Reduce exhibition emissions by offering more plant-based menu options and taking steps to reduce the amount of food waste going to landfill

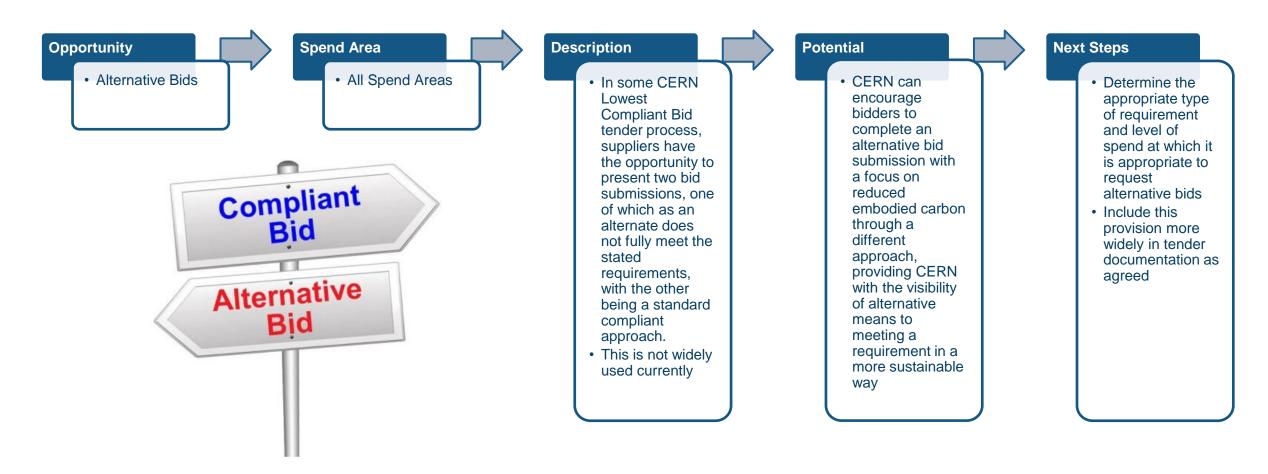


Ask suppliers to complete a lifecycle carbon assessment so they can compare the environmental responsibility of different exhibition designs



Source: OneClickLCA

Widen the use of 'alternate bids', with a focus on encouraging alternative sustainable proposals



Seek opportunities to consolidate non-urgent orders to 1 day per week to reduce last mile delivery emissions and packaging volumes

Opportunity

 Punchout Delivery Day

Spend Area

Office Supplies



Description

- CERN punchout catalogue suppliers like Lyreco have SLA's in their contract that require deliveries to be made within 48hours to CERN
- The individually wrapped parcels are taken from CERN receptions on the Swiss or French sites to end users using internal logistics
- For non-urgent orders an option to consolidate deliveries from punchout catalogues into one day would significantly reduce the emissions of supplier and internal logistics

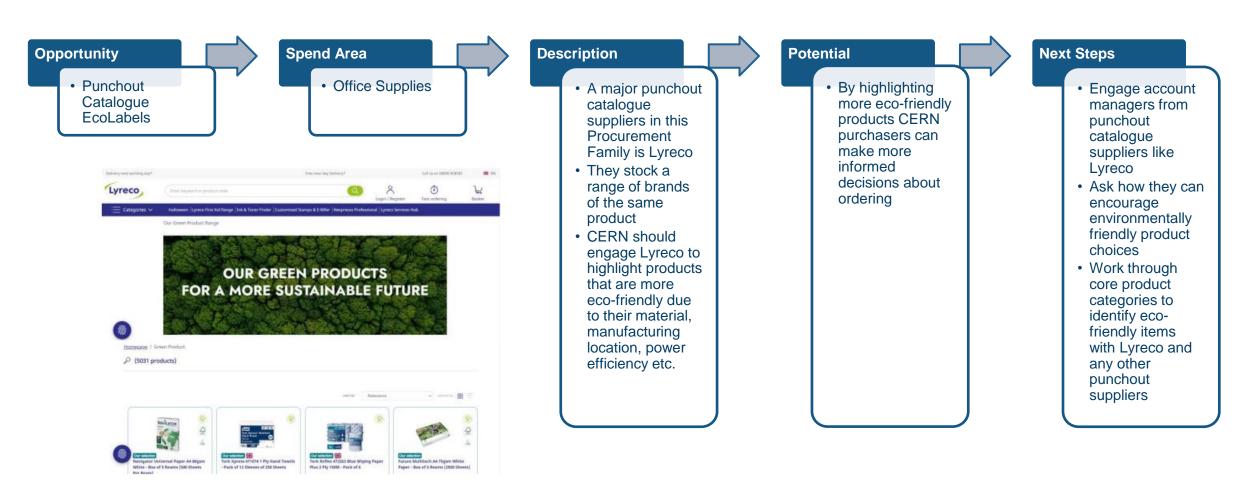
Potential

- If end users are given the option to schedule deliveries for one day in a week like Amazon's Delivery Day rather than requiring all orders to be delivered within 48 hours then this will significantly reduce the number of deliveries to CERN and internal logistics journeys
- This may also allow individual punchout suppliers to consolidate multiple items into single parcels for end users if multiple orders are made across one week
- End users can be encouraged to make this choice from an environmental perspective and this may alleviate some of the reported operational challenges

Next Steps

- Engage punchout catalogue suppliers like Lyreco to understand the feasibility of adding a weekly delivery day option for orders within the current contracts
- Ask suppliers and CERN internal logistics team to quantify the environmental impact of moving from 48hour delivery only to weekly end user delivery days so this information can be shared with end users

Engage punchout catalogue suppliers to identify products with low environmental impact and highlight these to CERN purchasers



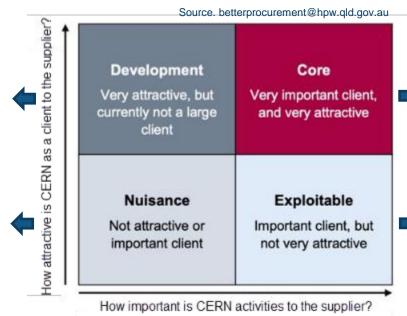
Source: Lyreco website

For Environmentally Responsible Procurement actions that rely on supplier collaboration CERN should prioritize working with engaged suppliers

Supplier seeking to grow their business with CERN are more receptive to sustainability requests.

Opportunity for supplier in the development in terms of sustainability and innovation.

Low potential to drive sustainability issues. If possible consider changing the supply base.



Where would suppliers from each Procurement Code place CERN?

- Open to change and to sustainability requests.
- Focus on driving sustainability objectives and influencing the supply market.

- Focus on improving CERN relationship with the supplier.
- Potential in pushing sustainability agenda through building attractiveness as a client.