

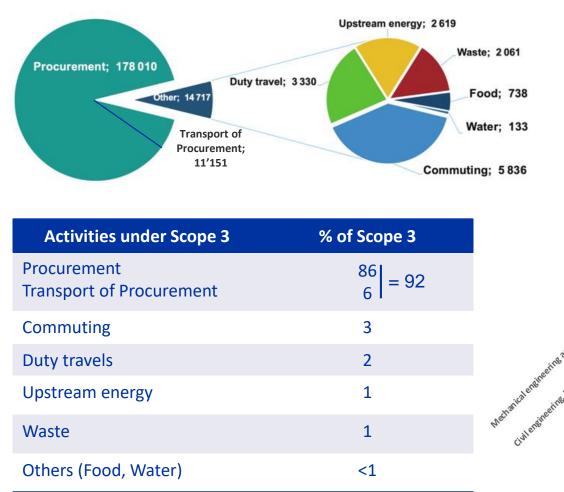
# Environmental initiatives in procurement and Knowledge Transfer

Christopher Hartley, IPT-PI

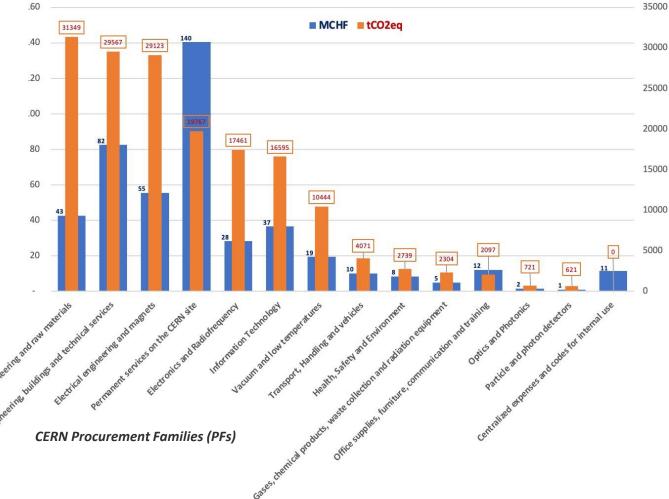
15.09.2022

## Focus on CERN indirect (Scope 3) emissions

Total: 192'727 tCO2e in 2019



2019 CERN Procurement expenses and associated CO2eq emissions

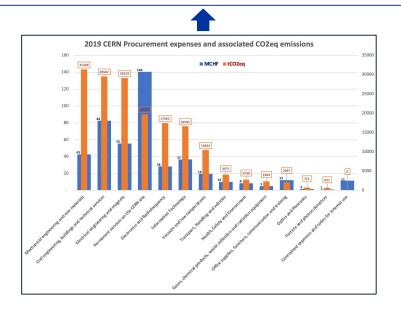




### **Environmental initiatives in Procurement**



#### CERN Environmental Responsible Procurement Policy Project – CERP3 Started September 1<sup>st</sup>, 2021.



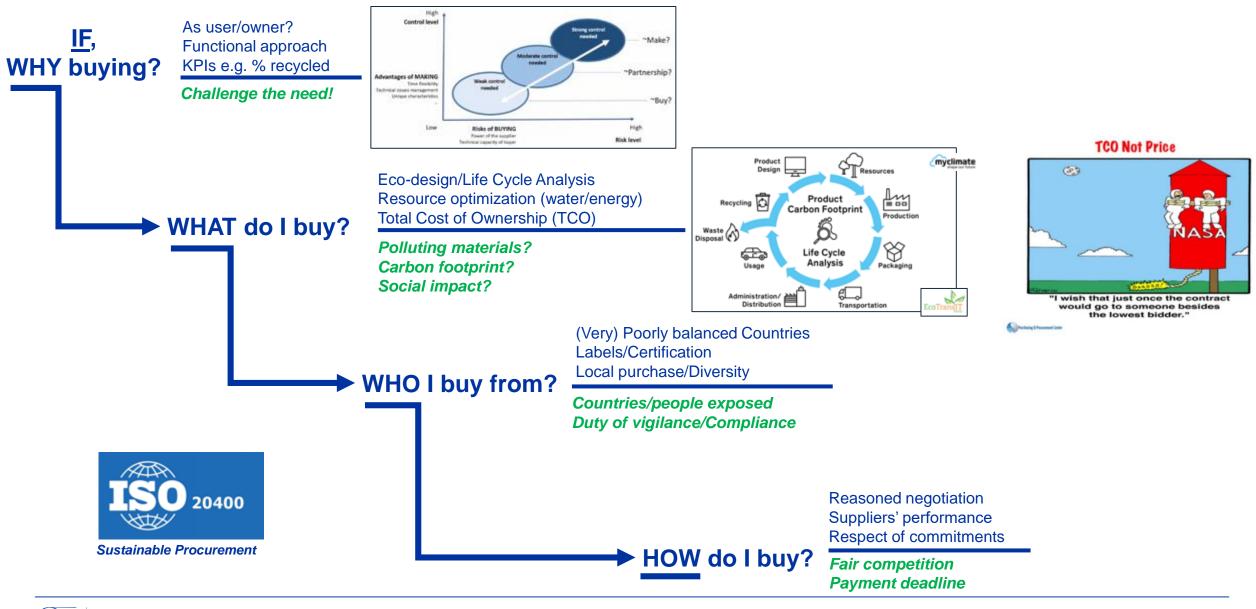
#### Main objectives:

- Propose an environmentally responsible procurement policy to reduce CERN Scope 3 emissions.
- > Revise/adapt CERN Procurement Policy and Rules if needed.
- Commit MPEs/MPAs/Users/stakeholders to environmentally responsible procurement and sustainability in general.
- Engaging the market intelligence about potential sustainable solutions.
- Create and equitably distribute value and balanced industrial return across CERN supply chains.
- > Define KPIs and monitor performance.
- > Feed CERN public-facing environmental reports.

Contribution to the ongoing ISO 50001 certification on Energy management led by N. Bellegarde.

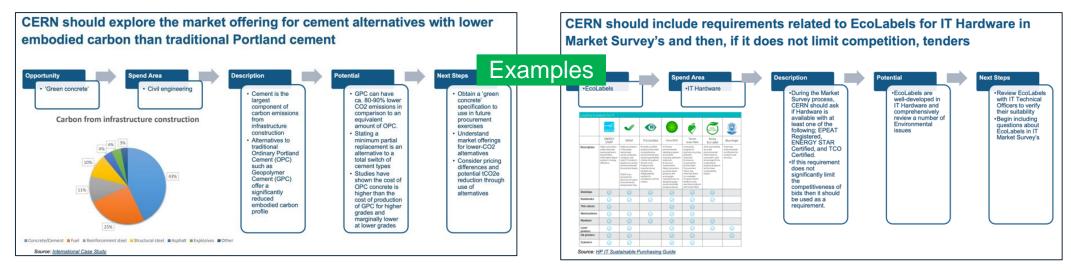


### **CERN Environmentally Responsible Procurement Policy Key Concepts**

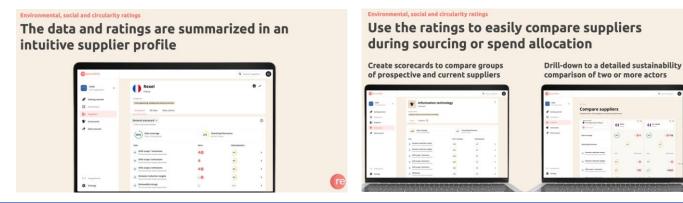


#### Roll out in 2023 and how we will engage with CERN community in procurements

Mitigation/optimization objectives analysed in 2022 with Departments will define prioritised action plans.



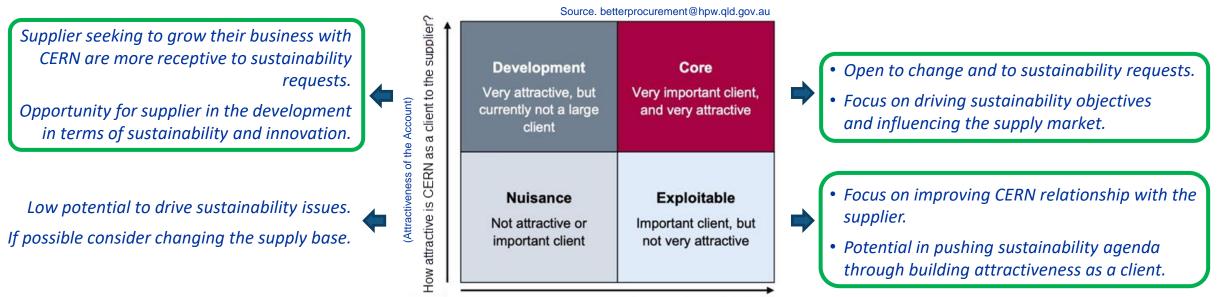
- Procurement Category Decarbonization Strategies will be formalized in a guide for Procurement/Technical Officers.
- A web-based CERN Supplier' Sustainability Rating Platform (CO<sub>2</sub> reduction oriented) will be made available.





#### Roll out in 2023 and how we will engage with CERN community in procurements

- Supplier Engagement Programme.
  - **Get actual GHG data from the top 80% of CERN's suppliers by Scope 3 Emission (350 suppliers).**
  - > Understand if the 350 CERN suppliers are setting/progressing towards GHG reduction targets.
  - > Organize educational workshop with suppliers to encourage them to do so.
- Target on suppliers with the highest potential to drive sustainability issues:



How important is CERN activities to the supplier?

(Relative Value of Contract)



# **Knowledge Transfer – Environmental Focus**

- Environment selected as a focus area for KT
- CERN is comparatively active and well placed in environmental aspects
- Identify and develop CERN's technologies that may mitigate the impact of society on the environment



 Many exciting proposals have been received and discussed, selection for funding is the next step – more news will then follow



## **THANK YOU FOR YOUR ATTENTION!**



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