

Call for holistic approach and metric to assess environmental impact of cable systems

SC B1 Insulated cables – PS3 - Q3
Edit Berczi, Switzerland



Environmental impact of cable systems – cooperation is key

Cable system components: Cable, joint, termination, etc...

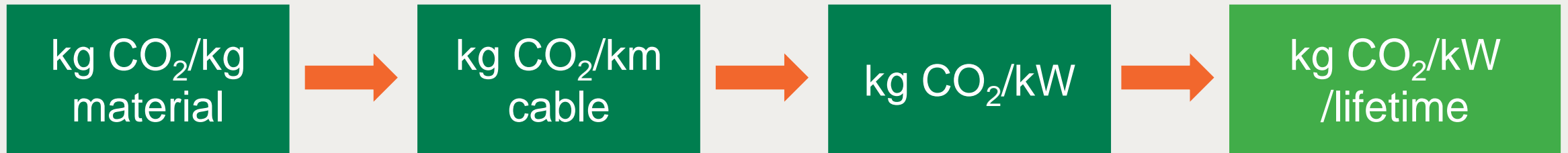
Element	Examples	Influencer	Frequency
Raw materials*	Carbon footprint of metal, polymers, etc..	Raw material supplier	1x
Production	Energy, scrap	Cable manufacturer	1x
Transportation	Fuel		1x
Installation	Energy, fuel	Cable installer	1x
Operation/use	Losses, leakages	TSOs (network)	Over the lifetime (40 years)
End-of-life		Asset owner	1x

*including circular/green solutions (recycled content, renewable sourced, etc...)

Group Discussion Meeting

Call for holistic approach and metric

In addition to a holistic view and close cooperation of the value chain, a harmonized approach, including a **common metric** is also needed.



Reliability, performance, sustainability, lifetime

Cost of CO₂ ? → Total cost of ownership



cigre

For power system expertise