



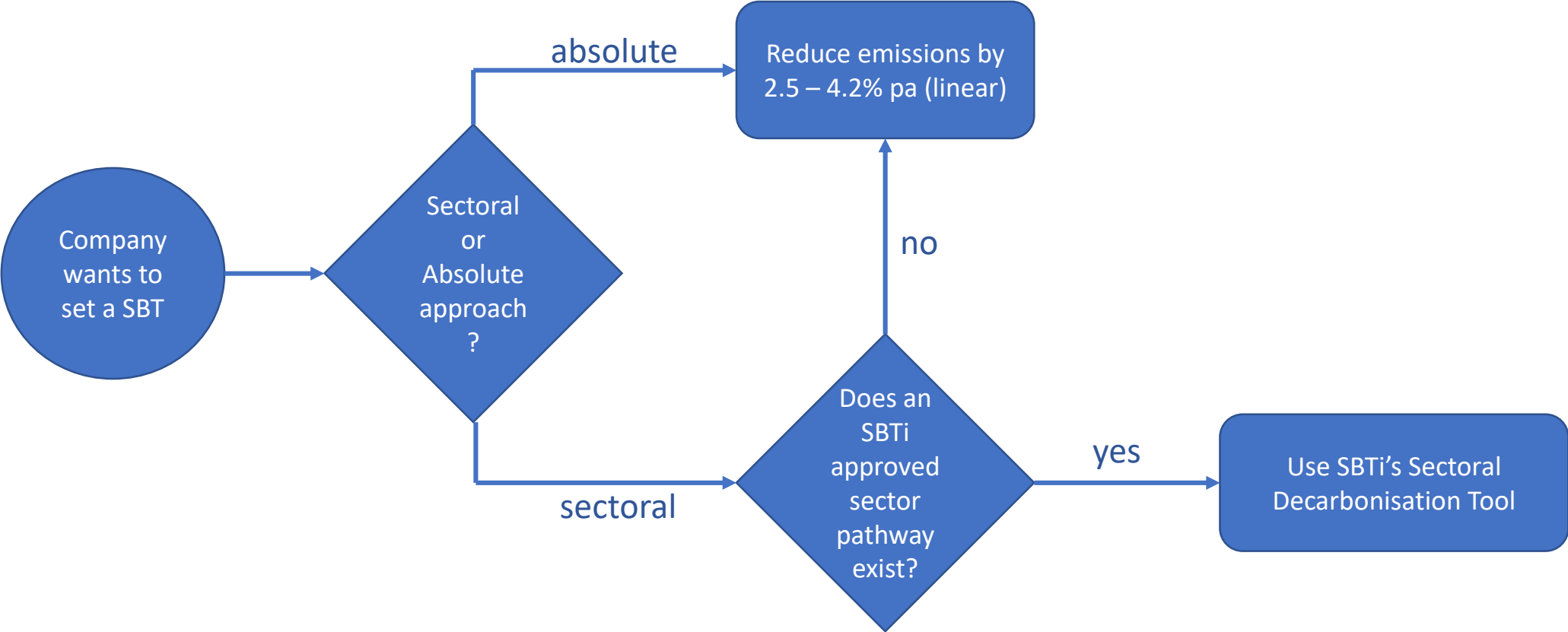
**GeSI**  
GLOBAL **e**-SUSTAINABILITY  
INITIATIVE

# GeSI – ITU collaborative Science-based target project

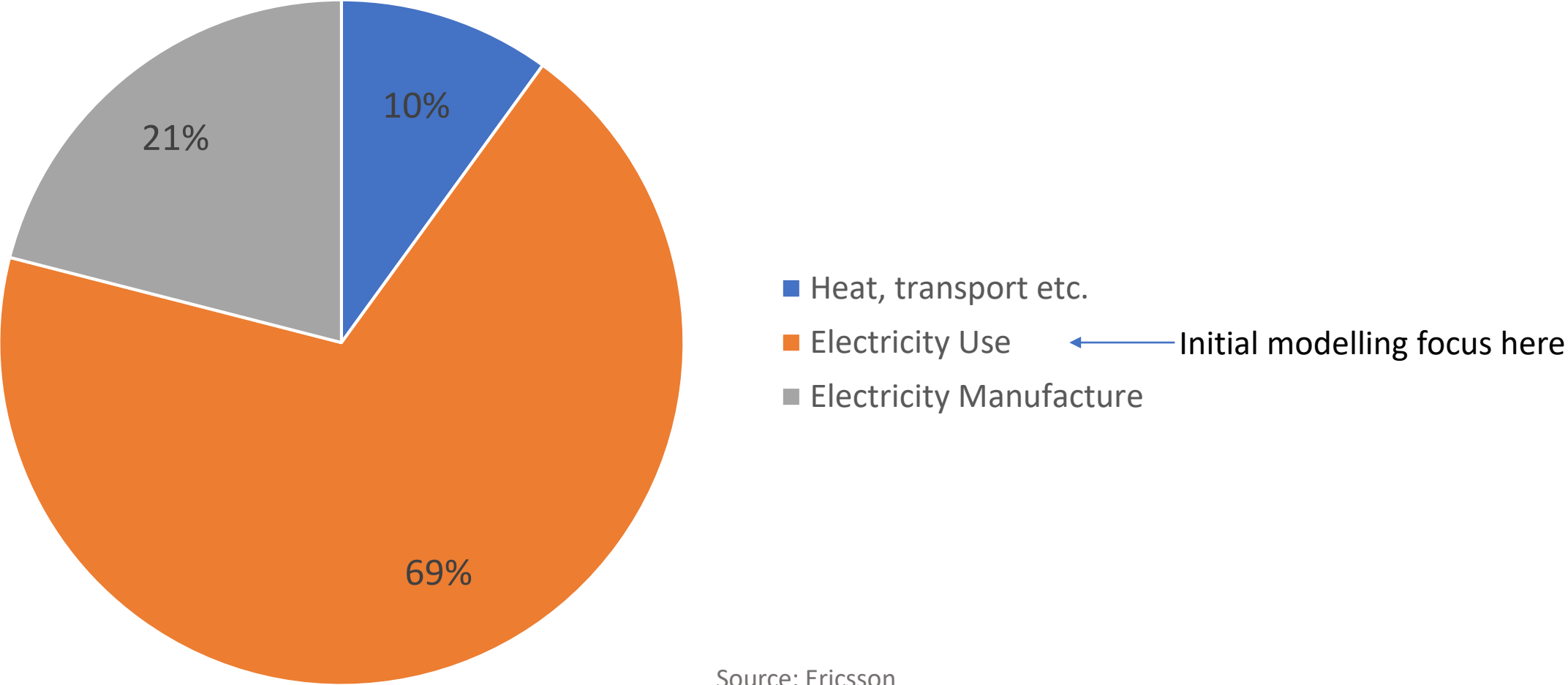
Geneva, May 2019

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# SBTi's (Scopes 1 and 2) Target Options (excluding economic)



# ICT Sector CO2 Footprint (excluding embodied)



Source: Ericsson

# Calculating a (sub-)sector pathway for electricity

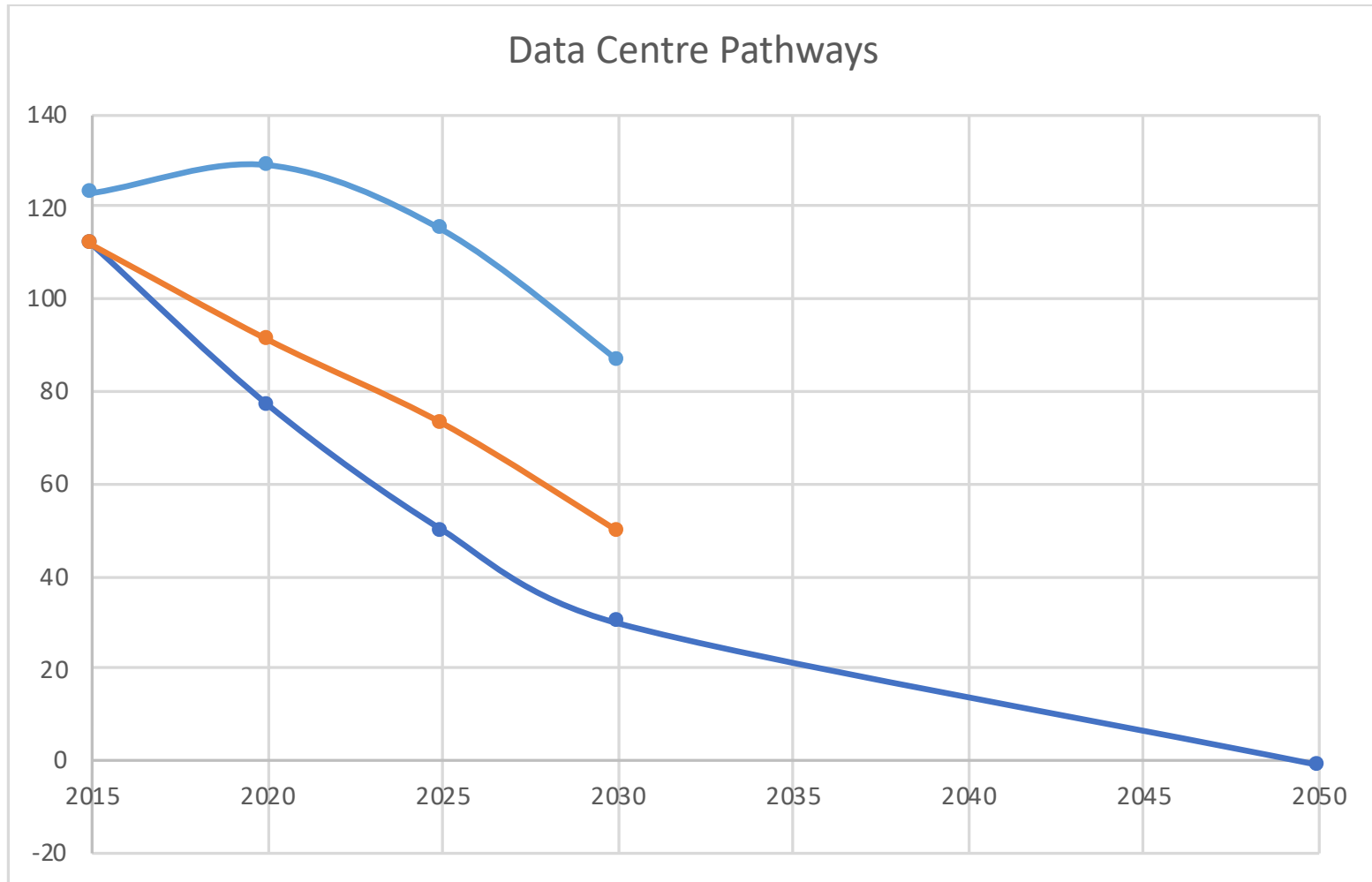
$$\begin{aligned} \text{Annual CO}_2 \text{ emissions} &= (\text{sub-})\text{sector activity (units of activity)} \\ &\quad * (\text{sub-})\text{sector energy efficiency (MWhrs per unit of activity)} \\ &\quad * \text{power sector carbon intensity (tonnes CO}_2 \text{ per MWhr)} \end{aligned}$$

## Notes:

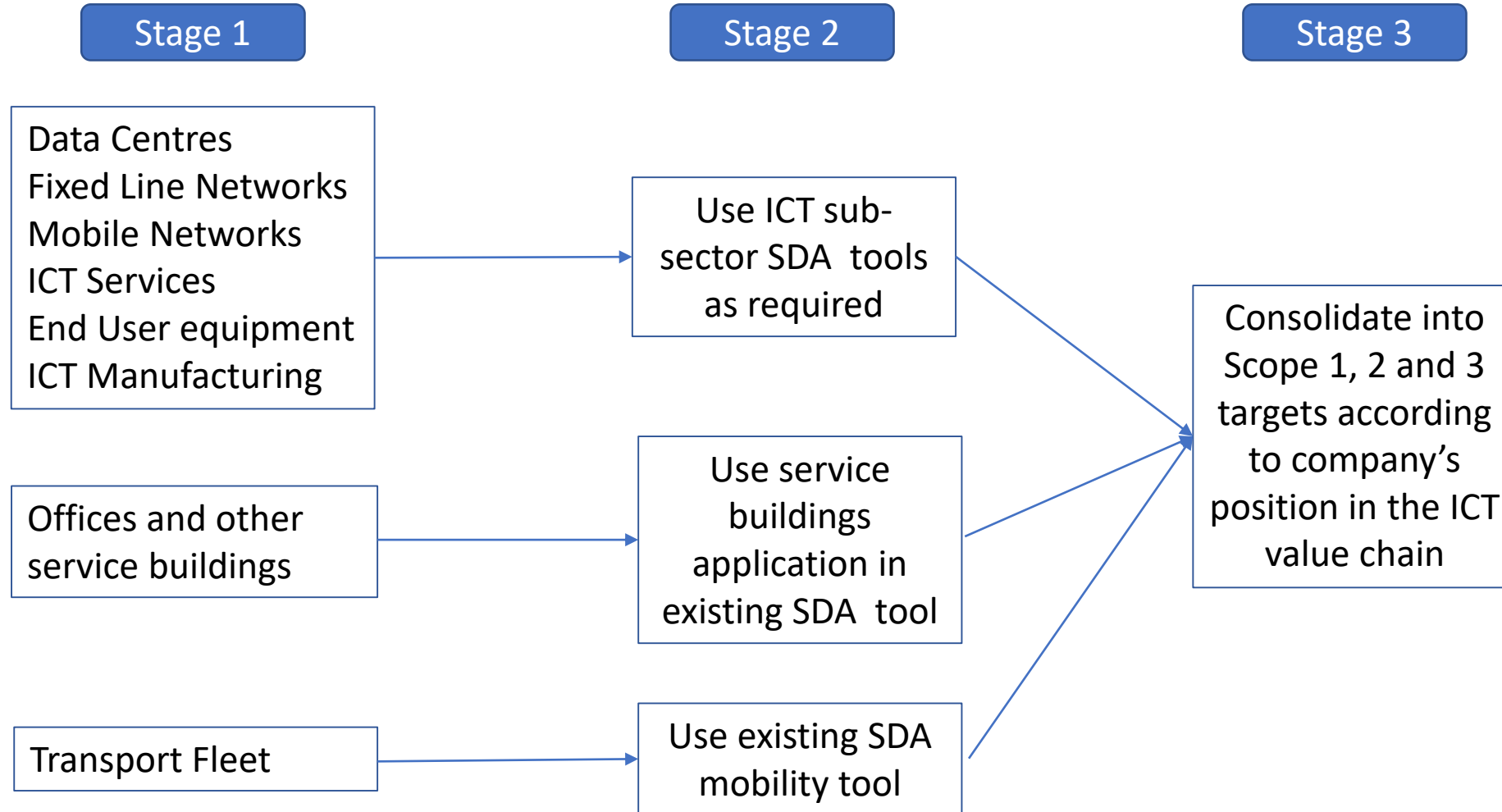
1. Activity should be measured in terms of a physical parameter specific to the sub-sector.
2. All of SBTi's current (sub)sector decarbonization approach (SDA) pathways are based on the IEA B2DS ETP 2017 analysis.

# Data Centres – work in progress

Activity metric: No of servers



# Proposed Application by ICT Companies



# Contact details

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