

Proportional  
impact of  
Circadian  
lighting

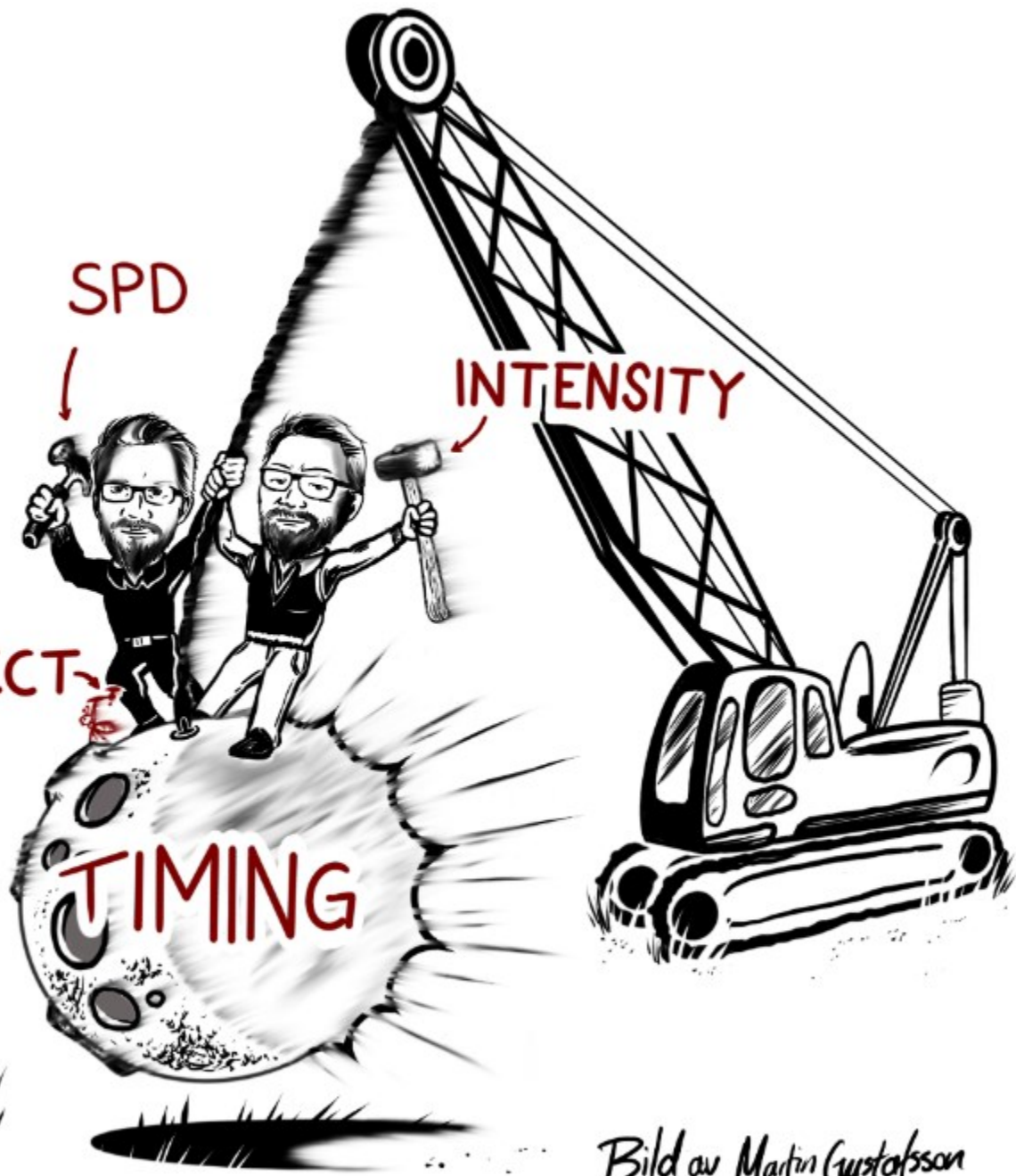


Bild av Martin Gustafsson



annell

ljus för människor





LOW 4 7 4 2 8 3  
kWh  
NORMAL 0 6 0 1 9 0

→ GEC Measurements →  
TYPE C11B2-R 1PH 2W 50Hz  
20-80A  
CLASS 2.0 V 240  
Revs/kWh 200



























92%



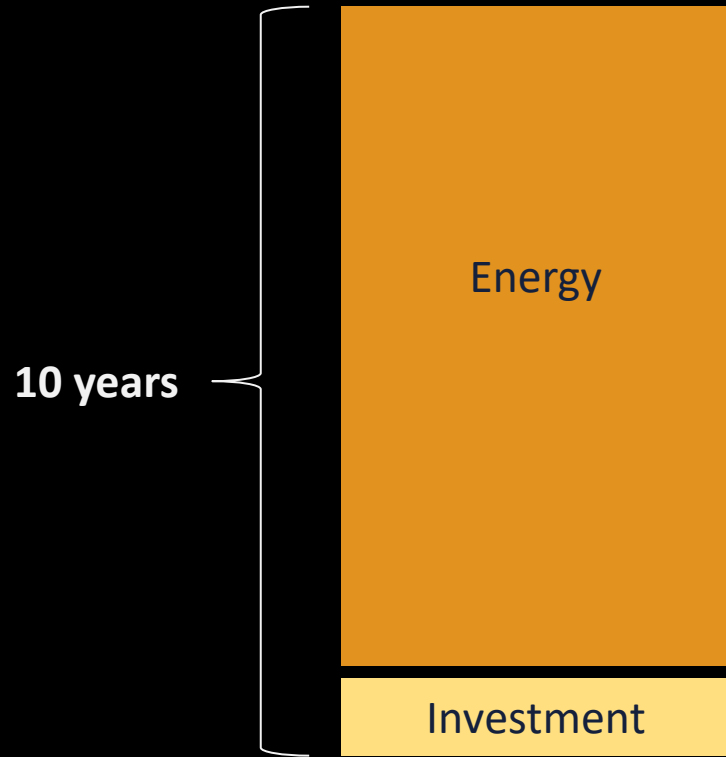
**1250%**



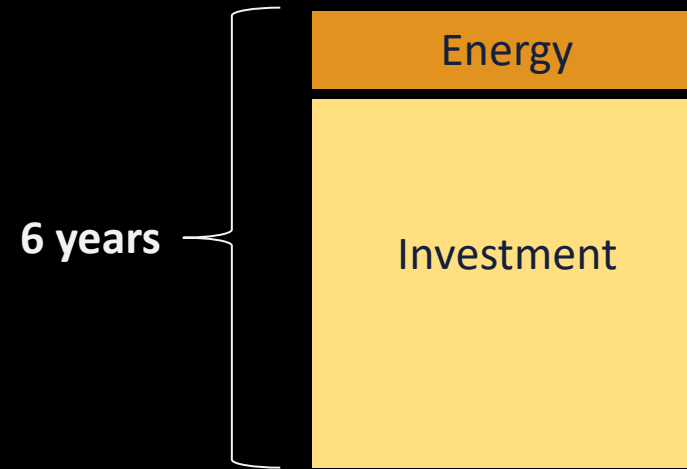




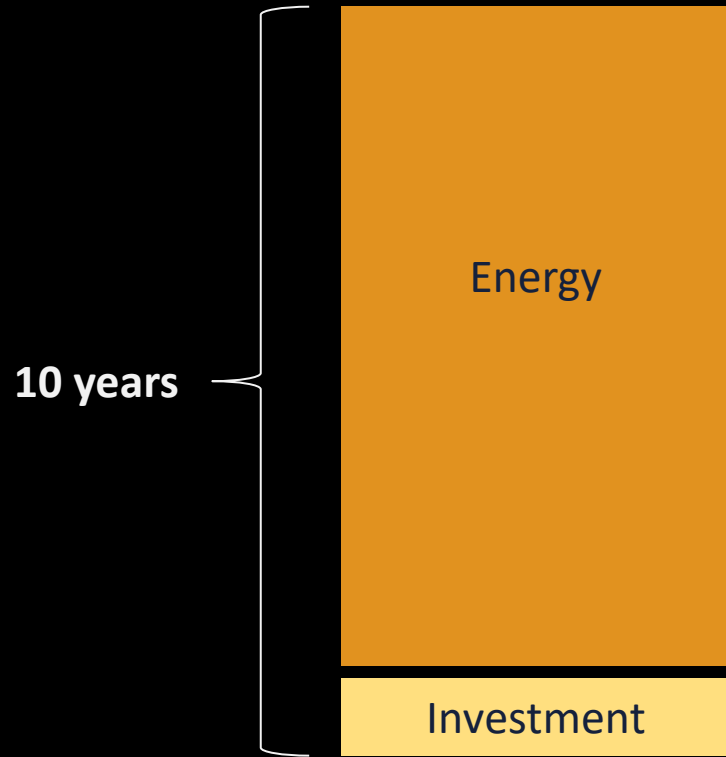
Quick and dirty



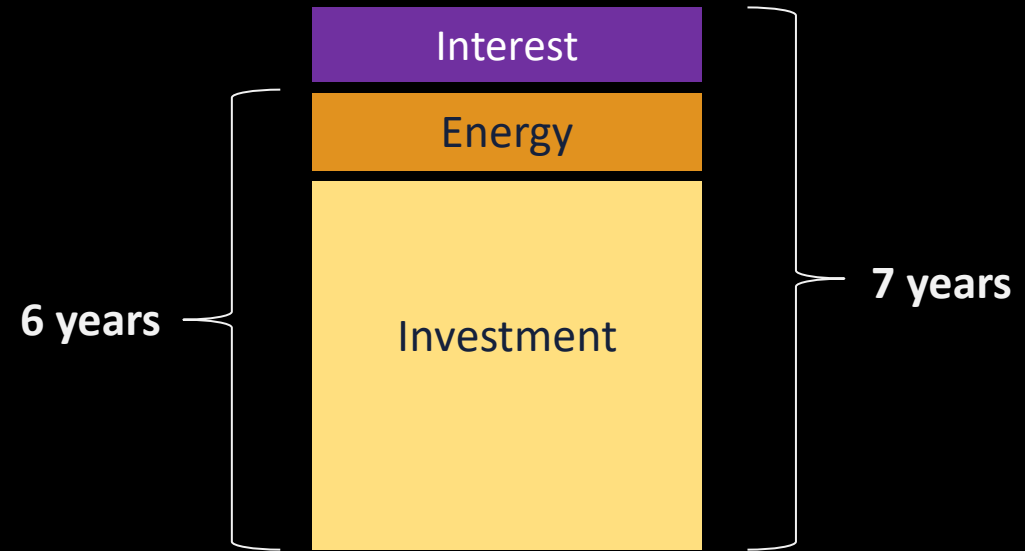
Doing it right



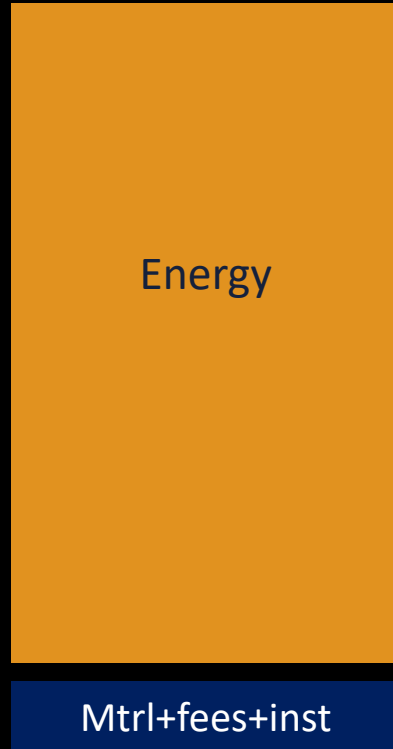
Quick and dirty



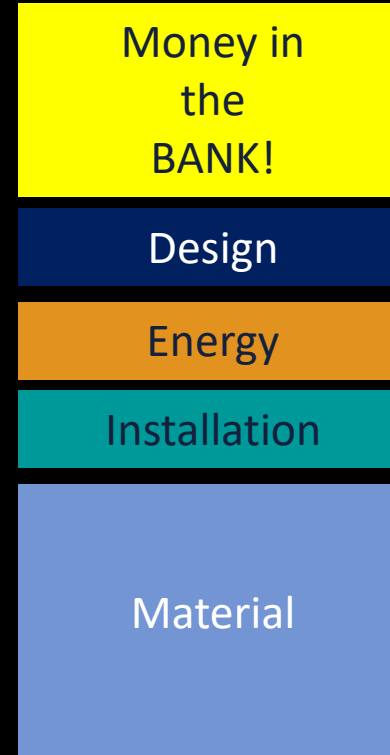
Doing it right



Quick and dirty



Doing it right









LOW

4 7 4 2 8 3

kWh

NORMAL

0 6 0 1 9 8

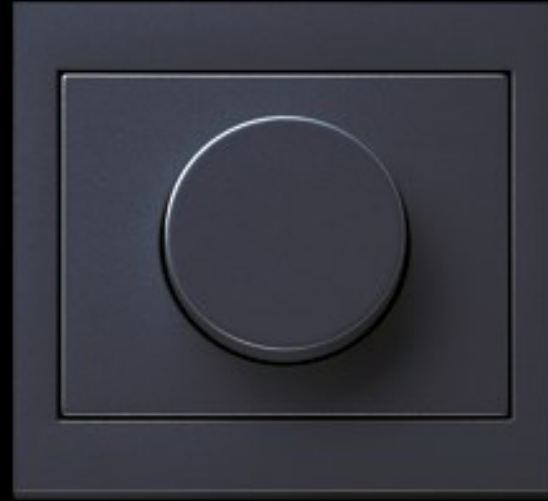
GEC Measurements

TYPE C11B2-R  
20-80A  
CLASS 2.0

1PH 2W 50Hz  
V 240  
Revs/kWh 200



20%



80%















































1. New installation

2. Re-use/Re-build

3. LED-tubes



annell

ljus för människor