








## IMPACT FACTSHEET

# Signify

### Main impact area

<b>WHAT</b>	 <i>Is the outcome important?</i>	Double the improvement in energy efficiency (SDG 7.3)
<b>WHO</b>	 <i>Does this help people in need?</i>	A growing population relies on efficient energy solutions
<b>HOW MUCH</b>	 <i>Scale</i>  <i>Depth</i>  <i>Duration</i>	Signify provides sustainable, energy efficient, and connected LED lighting in off-grid and under-served areas
<b>CONTRIBUTION</b>	 <i>How do the alternatives do?</i>	Signify has effectively avoided 73,000 kilotons of CO2 in 2020
<b>RISK</b>	 <i>What if it doesn't go as planned?</i>	Low probability

### WHAT

- The world is making good progress on increasing access to electricity and improving energy efficiency. However, more progress is needed to reduce the global energy intensity and reach the target to double the improvement in energy efficiency by 2030.
- The global primary energy intensity (the energy used per unit of GDP) improved by 2.2 per cent annually, from 5.2 per cent in 2015 to 5.0 per cent in 2017 but was still short of the annual rate needed to reach target 7.3.
- Currently, the global energy efficiency improvement rate falls short of the 3% target.

### WHO

- Modern society depends on efficient, reliable and affordable energy services to function smoothly and to develop equitably.
- Especially, in developing countries energy efficient practices are critical to ensuring access to sustainable and clean energy.
- Business can accelerate the transition to an affordable, reliable and sustainable energy system by prioritizing energy efficient practices. Also, with investments in R&D, businesses can innovate and pioneer new technologies that change the status quo of the global energy system, becoming the center of climate change solutions.

### HOW MUCH

- Signify has thus far met its goal to deliver 2 billion LED lamps and luminaires by 2020. By Q4 of 2020, Signify delivered 2.923 billion LED lamps & luminaires.
- Using 100% renewable electricity, carbon neutral operations and circular and connected LED lighting, Signify effectively avoided more than 72,988 kilotons of CO2 by 2020.

### CONTRIBUTION

- Signify contributes to changing lives by contributing to the efforts of doubling energy efficiency.
- With Signify's progress toward increased energy efficiency, the company contributes to the reduction of pollutant GHG emissions.

### RISK

- It is unlikely that Signify will not live up to its commitment to increase the energy efficiency of its products.
- The transition to LED lighting is characterized by the increasing importance of digital capabilities and technology such as the adoption of connected lighting systems which may drastically change the business environment. At present, a relatively small part of the worldwide installed base of light points is connected and this new market is in its initial stage.
- The resulting risk is that the extent and speed of the adoption of connected lighting systems and services does not develop as anticipated or Signify is unable to successfully implement its strategy in connected lighting.
- To mitigate this risk, Signify is actively developing and investing in technology platforms and software applications to bring (more advanced) connected lighting systems to the market. Part of this strategy is to focus strongly on interoperability of its applications and incorporate different connectivity technologies in its connected lighting portfolio to be able to address different needs in the market.



**SDG 7 Affordable and Clean Energy: sub target 7.3 – Double the improvement in energy efficiency – SDG Indicator 7.B.: Expanding energy services for developing countries**

### SIGNIFY'S STRATEGY TO ACHIEVE ENERGY EFFICIENCY



ENERGY EFFICIENCY IMPROVEMENT RATE FALLS SHORT OF 3% TARGET

