



## Climate Action for Business

SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

SDG 12: Ensure sustainable consumption and production patterns

SDG 13: Take urgent action to combat climate change and its impacts

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Climate action is more than ever required. The year 2019 was the second warmest year on record and while in 2020 global carbon dioxide emissions fell by 6.4% as a result of the COVID-19 pandemic, this still falls short of the required annual 7.6% reduction to limit global warming to a 1.5% rise.

Simultaneously, waste reduction is another big challenge that impacts all levels of society and the economy. For larger manufacturing companies, annual targets for reducing hazardous waste, diverting waste from landfills, but also waste management needs to be established at business unit level to drive ownership and accountability.

Some companies see their commitment to finding solutions for these challenges not only as a commitment to sustainability but also as a (business) opportunity to create products and solutions that add value for society, firmly anchored in their vision.

Reducing or even eliminating greenhouse gas emissions and waste are two of the most impactful actions companies can take. More and more companies are committing to become carbon neutral and waste-free / circular in their operations and facilities by 2035 or 2050. These initiatives represent a continuation of companies' sustainability efforts since many years. But how can this be accelerated through measurement, innovation and collaboration? Several technologies do exist but are only available at Pilot or Proof of Concept level. What innovations can be brought to industries and individual companies that make it easier for them to adapt and get propelled into a more sustainable way of doing business?



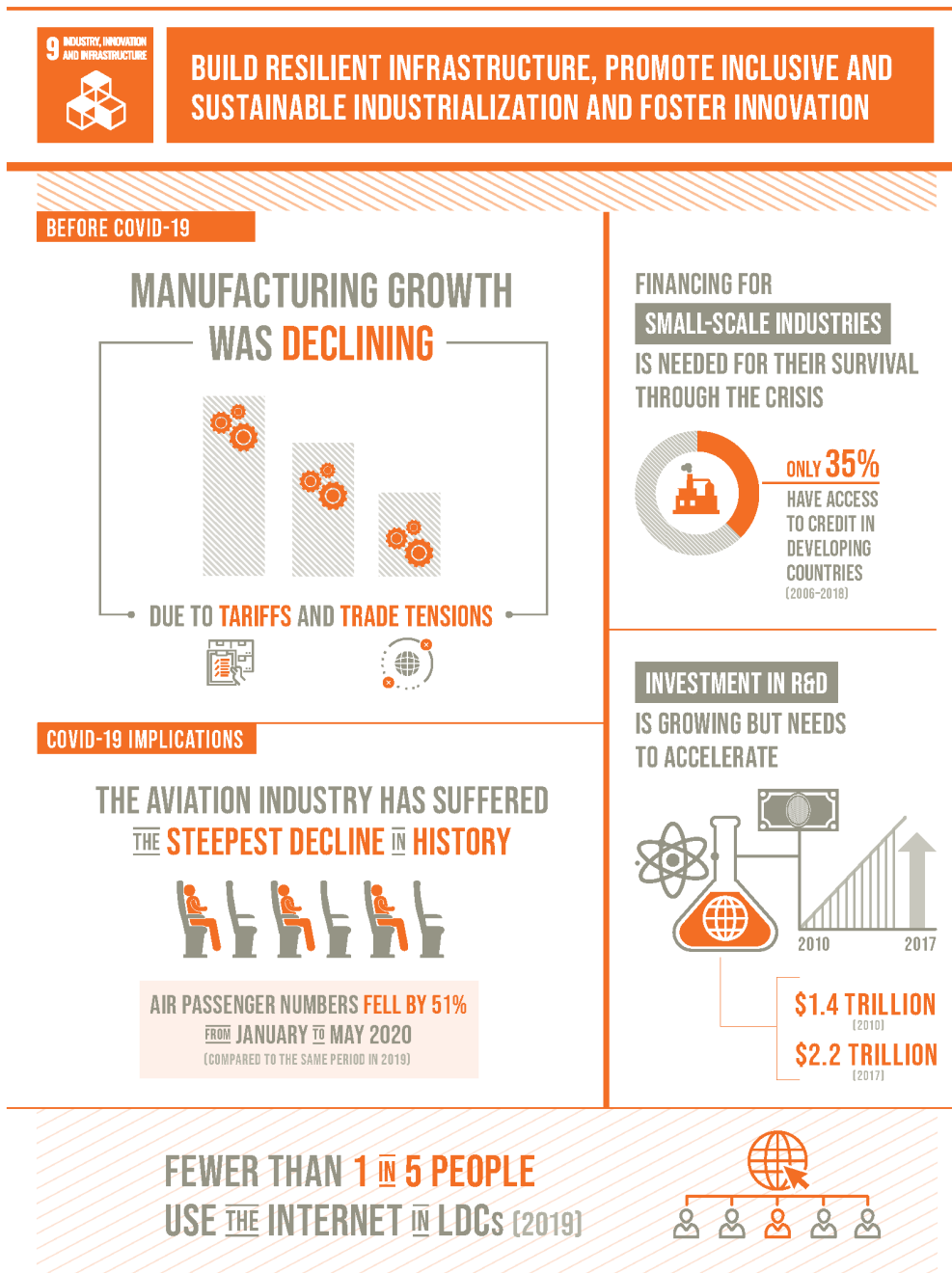
### Your Challenge

*What can your company do* to make it significantly and demonstrably easier for industries or individual companies to adapt and get propelled into a sustainable, carbon neutral and waste-free way of doing business and make measurable progress towards SDGs 9, 12 and 13? Think of cross-fertilization between industries: what experiences from other industries can be brought to heavily polluting manufacturing industries who also generate tremendous amounts of waste that can't be recycled easily? Think of concrete actions, ease of development and implementation, immediate and long term results, enablers. Work on a solution (product, service or other) that your company could deliver, build the business case and prove that it will work, with impact!

SDG 9, 12 and 13 at a Glance...

Be sure to explore these goals further!

Further resources to get started: [SDG 9](#) | [SDG 12](#) | [SDG 13](#)



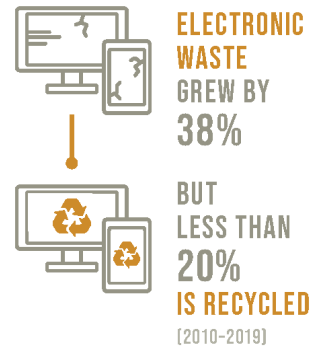
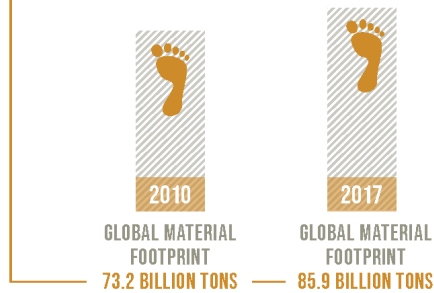
12 RESPONSIBLE CONSUMPTION AND PRODUCTION



## ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

### BEFORE COVID-19

THE WORLD CONTINUES TO USE NATURAL RESOURCES **UNSUSTAINABLY**



### COVID-19 IMPLICATIONS

THE PANDEMIC OFFERS AN OPPORTUNITY TO **DEVELOP RECOVERY PLANS** THAT BUILD A MORE SUSTAINABLE FUTURE



**RISING FOSSIL FUEL SUBSIDIES ARE CONTRIBUTING TO THE CLIMATE CRISIS**

**\$318 BILLION**  
(2015)

**\$427 BILLION**  
(2018)



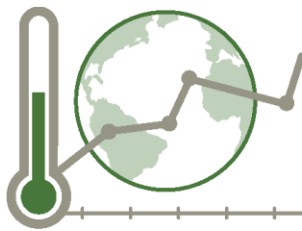
**13.8%**  
OF FOOD IS LOST IN SUPPLY CHAINS (2016)



## TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

### BEFORE COVID-19

GLOBAL COMMUNITY SHIES AWAY FROM COMMITMENTS REQUIRED TO REVERSE **THE CLIMATE CRISIS**



2019 WAS THE SECOND WARMEST YEAR ON RECORD

GLOBAL TEMPERATURES ARE PROJECTED TO RISE BY UP TO 3.2°C BY 2100



**ONLY 85 COUNTRIES HAVE NATIONAL DISASTER RISK REDUCTION STRATEGIES**

ALIGNED TO **THE SENDAI FRAMEWORK**

### COVID-19 IMPLICATIONS

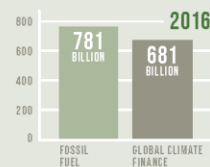


COVID-19 MAY RESULT IN A **6% DROP IN GREENHOUSE GAS EMISSIONS FOR 2020**

STILL SHORT OF **7.6% ANNUAL REDUCTION REQUIRED TO LIMIT GLOBAL WARMING TO 1.5°C**

### CLIMATE FINANCE: INVESTMENT IN FOSSIL FUELS

CONTINUES TO BE HIGHER THAN INVESTMENT IN CLIMATE ACTIVITIES



CLIMATE CHANGE CONTINUES TO EXACERBATE THE FREQUENCY AND SEVERITY OF **NATURAL DISASTERS**



MASSIVE WILDFIRES



DROUGHTS



HURRICANES



FLOODS

AFFECTING **MORE THAN 39 MILLION PEOPLE** IN 2018