

12 WAYS FOR TECH COMPANIES TO HELP GLOBAL CLIMATE EMISSIONS IN 12 YEARS

WEARE ENTERING A CLIMATE GRISIS. WERISK A HOTHOUSE EARTH FUTURE.

THE POWER OF DIGITILIZATION IT CAN ACCELERATE THE WORLD TOWARDS HOTHOUSE EARTH OR HELP STOP GLOBAL WARMING.

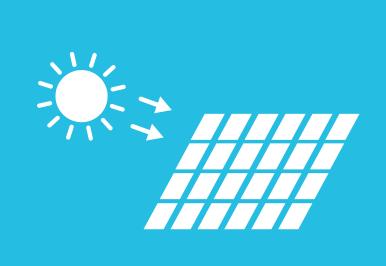
IT NEEDS A COMPASS

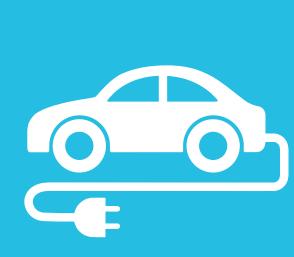


SOLUTIONS EXIST IN EVERY ECONOMIC SECTOR.

BUT THEY MUST BE

SCALEDUP EXPONENTIALLY









EVERY DAY, TECH COMPANIES INFLUENCE THE DECISIONS OF 4 BILLION CONSUMERS.



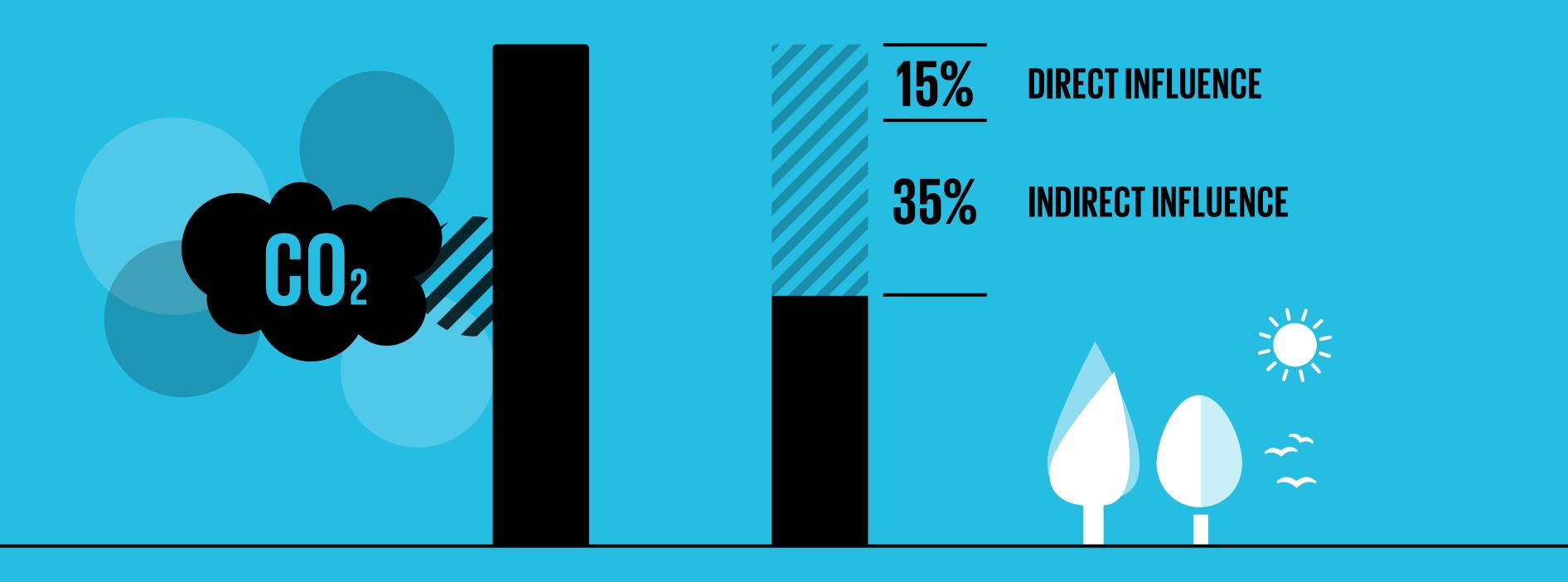


WITH GREAT POWER COMES GREAT RESPONSIBILITY.

THE DIGITAL REVOLUTION

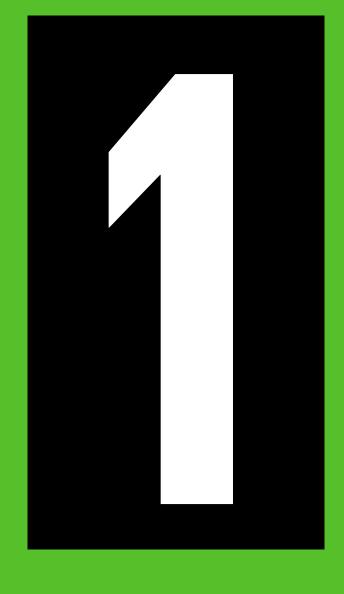
CAN HELP 1/2 EMISSIONS BY 2030.

2018



2030

ACTION



BECOME GENUINE PLANETARY STEWARDS AND CLIMATE LEADERS



MOST BIG TECH COMPANIES HAVE GLOBAL AMBITIONS IN THEIR MISSION STATEMENTS.



IT IS TIME TO INCLUDE THE PLANET.



TO BE EARTH'S MOST CUSTOMERCENTRIC COMPANY, WHERE CUSTOMERS CAN FIND AND DISCOVER ANYTHING THEY MIGHT WANT TO BUY ONLINE.



SUSTAINABLE TO BE EARTH'S MOST CUSTOMERCENTRIC COMPANY, WHERE CUSTOMERS CAN FIND AND DISCOVER ANYTHING THEY MIGHT WANT TO BUY ONLINE. ON A STABLE, RESILIENT EARTH

@MICROSOFT:

OUR MISSION IS TO EMPOWER EVERY PERSON AND EVERY ORGANISATION EVERYWHERE TO ACHIEVE MORE.



OUR MISSION IS TO EMPOWER EVERY PERSON AND EVERY ORGANISATION EVERYWHERE TO ACHIEVE MORE ON A STABLE, RESILIENT EARTH



WE AIM TO BUILD THE FUTURE INFRASTRUCTURE OF COMMERCE.



WE AIM TO BUILD THE FUTURE INFRASTRUCTURE OF COMMERCE SUSTAINABLE ON A STABLE, RESILIENT EARTH



GIVE PEOPLE THE POWER TO BUILD COMMUNITY AND BRING THE WORLD CLOSER TOGETHER.



GIVE PEOPLE THE POWER TO BUILD COMMUNITY AND BRING THE WORLD CLOSER TOGETHER . .

ON A STABLE, RESILIENT EARTH

UNOFFICIAL:

PROTECT DEMOCRACY.



DON'T REALLY HAVE A MISSION STATEMENT.

WE'RE GIVING THIS ONE TO YOU FOR FREE:

TO BUILD TECHNOLOGY
THAT ENRICHES ALL LIVES ON
A STABLE, RESILIENT EARTH



ORGANISE THE WORLD'S INFORMATION TO MAKE IT UNIVERSALLY ACCESSIBLE AND USEFUL.



ORGANISE THE WORLD'S INFORMATION TO MAKE IT UNIVERSALLY ACCESSIBLE AND USEFUL. FOR PLANETARY STEWARDSHIP

UNOFFICIAL:

DO GOOD FOR PEOPLE AND PLANET.

HYPER-GROWTH UNICORNS
ARE 96% DIGITAL.
BUT ONLY 1 OUT OF7
HAVE A CLIMATE TARGET



CLIMATE LEADERS CALL TO ACTION





- 2. HALVE YOUR EMISSIONS IN A DECADE OR SOONER.
- 3. INFLUENCE YOUR VALUE CHAIN TO DO THE SAME.
- 4. MAKE ALL PRODUCTS GOOD FOR THE CLIMATE.
 INSPIRE AND HELP USERS TO HALVE THEIR EMISSIONS.

ACTION USE ARTIFICIAL INTELLIGENCE FOR THE BENEFIT OF THE WORLD

WE INCREASINGLY TRUST AI TO MAKE DECISIONS FOR US. THOSE DECISIONS MUST SUPPORT A SUSTAINABLE FUTURE.



VIRTUAL ASSISTANTS WILL INCREASINGLY MAKE CONSUMPTION CHOICES FOR US. LET'S MAKE THESE CHOICES SUSTAINABLE.



ARTIFICIAL INTELLIGENCE CALL TO ACTION



DESIGN <u>ALGORITHMS TO SUPPORT TRANSITION</u>
TO A ZERO-CARBON SOCIETY.

ACTION



SOCIAL MEDIA FOR GOOD



SOCIAL MEDIA HAS POLARIZED INFORMATION AND CONTRIBUTED TO INACCURATE WORLDVIEWS. IT SHOULD UNITE US, NOT DIVIDE US.





ACTION



MAKE LOW-CARBON DESIGN DEFAULT





LOW-CARBON DESIGN CALL TO ACTION

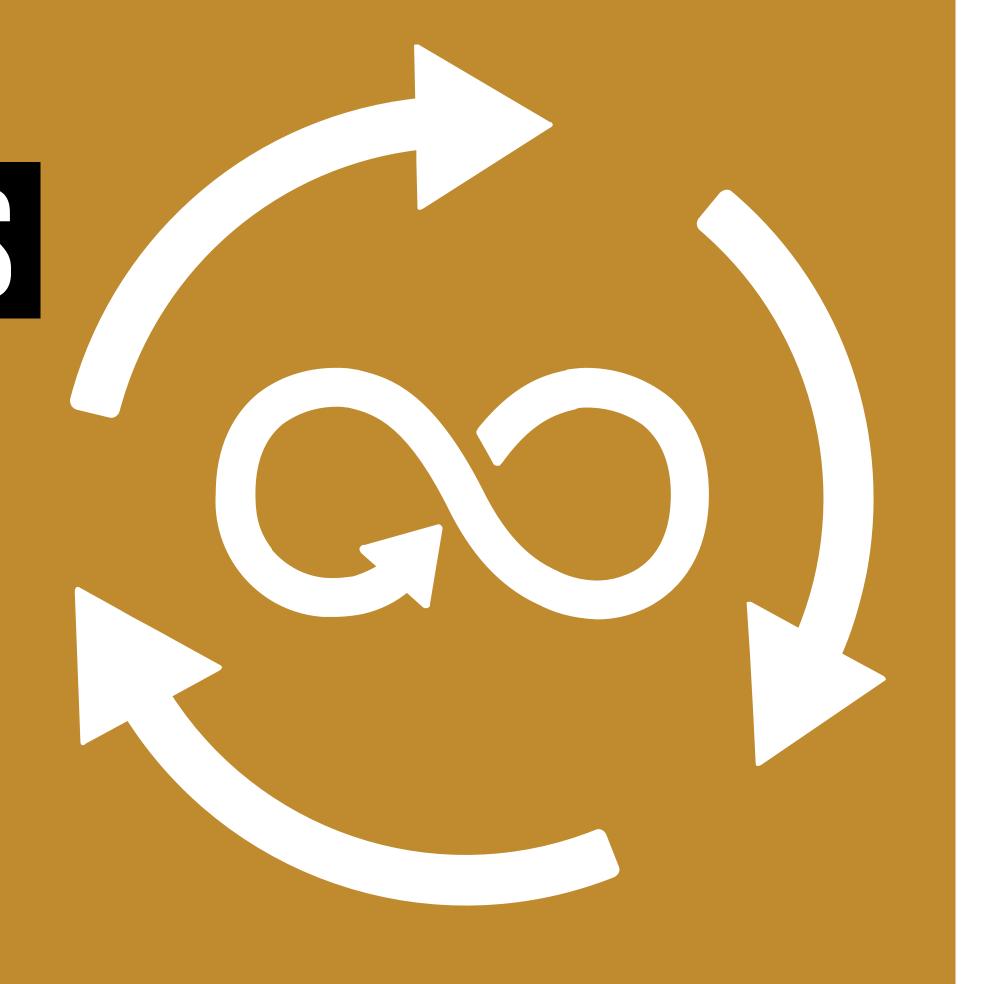


- 1. MAKE ZERO-CARBON DESIGN THE NEW DEFAULT.
- 2. DESIGN FOR <u>SHARING AND REUSE</u> OF THINGS.
- 3. DESIGN FOR <u>REPURPOSE AND RECYCLE</u> OF MATERIAL.

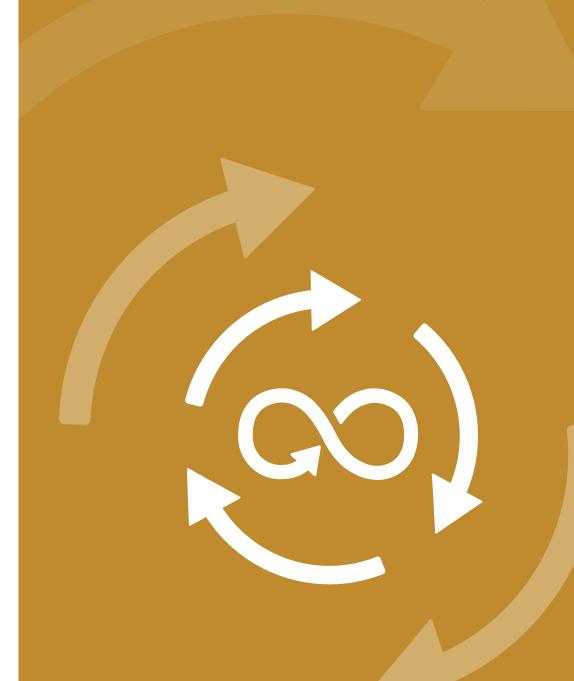
ACTION



ENABLE ALL COMPANIES TO ADOPT CIRCULAR BUSINESS MODELS



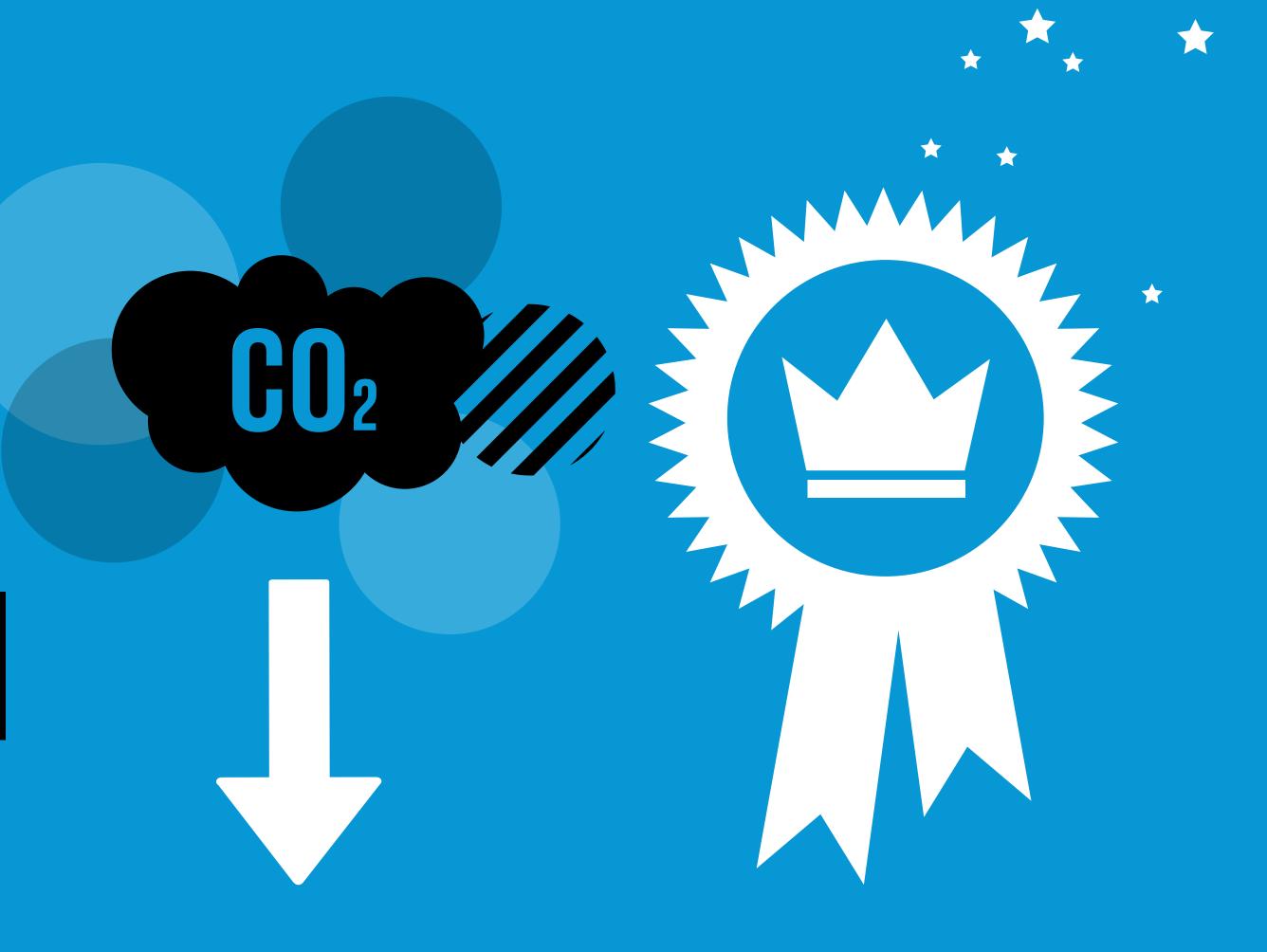
CIRCULAR BUSINESS CALL TO ACTION



- 1. <u>Enable Circular Services</u> for Sharing, Re-Purpose, Reuse and Recycling.
- 2. <u>ACCELERATE ADOPTION OF SUSTAINABLE SERVICES</u> FOR TRANSPORT, SPACE, GOODS, MATERIALS.
- 3. DEVELOP NEW TOOLS TO MAKE IT EASY TO MEASURE, MONITOR AND ACT.

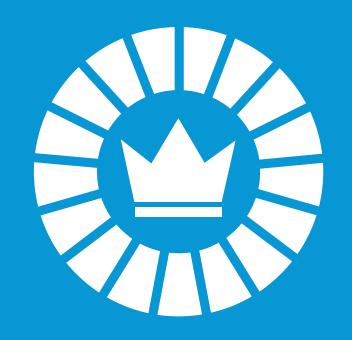
ACTION

REWARD
LOW-CARBON
CONSUMPTION



E-COMMERCE PLATFORMS CAN SUPPORT SOCIAL RESPONSIBILITY

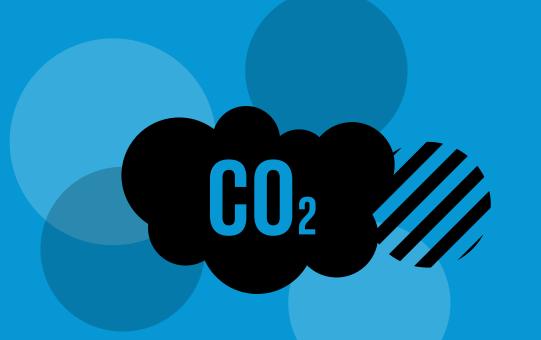
AND CREATE INCENTIVES FOR LOW-CARBON CONSUMPTION.



4 OUT OF 10 PEOPLE WANTS TO MEASURE THEIR FOOTPRINT. HELP THEM TO MEASURE AND ACT.



CONSUMPTION CALL TO ACTION



- 1. MAKE <u>ENVIRONMENTAL IMPACT VISIBLE</u>
- 2. MAKE <u>LOW-EMISSIONS CHOICES</u> THE DEFAULT
- 3. ENABLE <u>KNOWLEDGE SHARING</u> ABOUT CLIMATE SMART SOLUTIONS

CREATE A NEW
GENERATION
OF SEARCH ENGINES



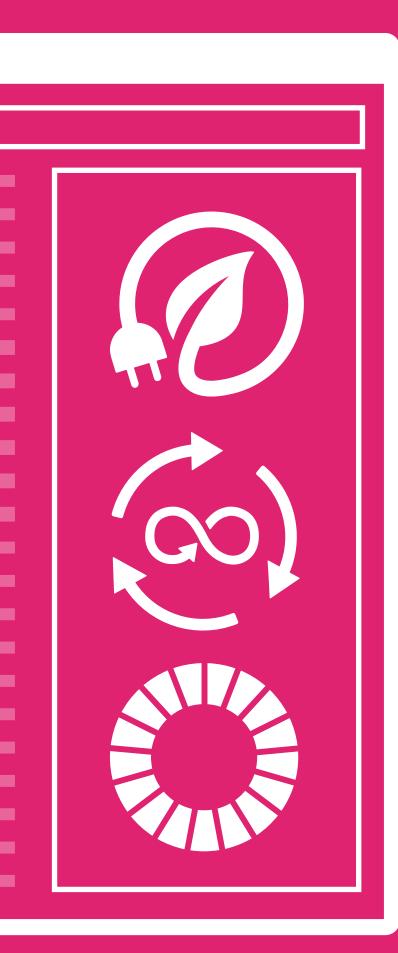
FOR INFORMATION. LET'S MAKE SURE THAT THE ALGORITHMS ARE RELIABLE AND USABLE FOR THE GOOD OF THE PLANET.

Save the climate

CREATE NEW

STANDARDS FOR

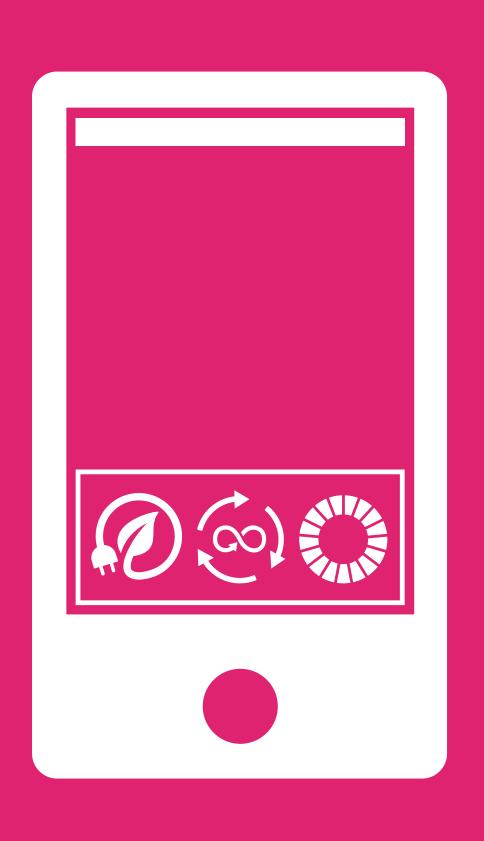
DIGITAL ADVERTISING



HALF OF ALL ADVERTISING IS **DIGITAL**. **ADVERTISING CAN CHANGE BEHAVIOURS**LET'S PROMOTE **SUSTAINABLE CHOICES**AND **HEALTHY LIFESTYLES**.



ADVERTISING CALL TO ACTION



- 1. PROMOTE <u>SUSTAINABLE CONSUMPTION</u>.
- 2. LIMIT ADVERTISING FOR <u>HIGH-EMISSIONS PRODUCTS.</u>
- 3. <u>Support Green Products</u>
 With Beneficial advertising space and rates.
- 4. DEVOTE UNUSED ADVERTISING SPACES TO SOCIETAL GOALS.



ENABLE HEALTHY FOOD CONSUMPTION



TECHNOLOGY IS DISRUPTING THE GROCERY SECTOR. USE THIS UNIQUE MOMENT TO INFLUENCE EATING HABITS. CUTTING MEAT CONSUMPTION AND HALVE THE FOOD WASTE IS ESSENTIAL FOR REDUCING GLOBAL EMISSIONS.



FOOD CALL TO ACTION



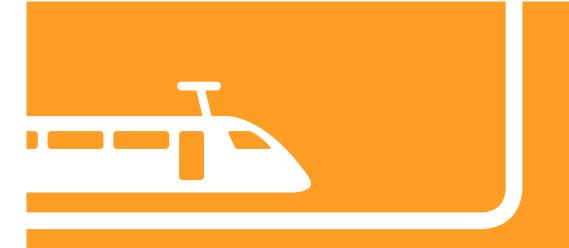
- 1. DIGITAL SUPERMARKETS ARE BUILT ON PERSONAL CONSUMER DATA.

 NUDGE BEHAVIOUR TOWARD A HEALTHY AND SUSTAINABLE FOOD CONSUMPTION.
- 2. ENABLE DIGITAL APPS TO REDUCE FOOD WASTE.
 MAKE HEALTHY EATING THE DEFAULT.

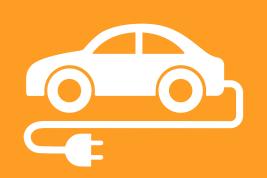




ENABLE SUSTAINABLE TRANSPORTATION AND TRAVEL







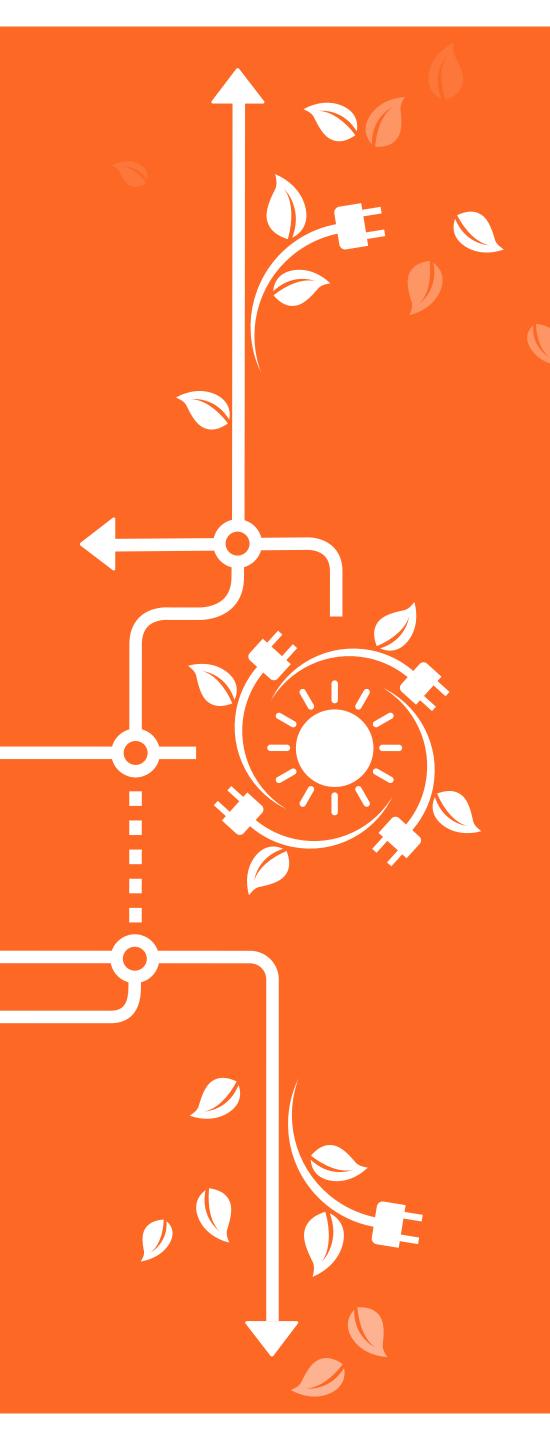
TRANSPORTATION CALL TO ACTION

- 1. ENABLE VEHICLE SHARING SERVICES, AUTONOMOUS VEHICLES AND ELECTRIFICATION.
- 2. SUPPORT DOWN-SCALING FROM CARS AND SUVS TO BIKES AND SCOOTERS.
- 3. SUPPORT AND PROMOTE ELECTRIC TRANSPORT SYSTEMS.
- 4. REDUCE DEMAND FOR FLYING BY REINVENTING TECHNOLOGY FOR VIRTUAL GATHERINGS.



THE ENERGY INTERNET
AND SMART BUILDINGS





ENERGY CALL TO ACTION

- 1. DIGITALISATION WILL ENABLE ZERO CARBON BUILDING SPACE AS A SERVICE.
- 2. DIGITALISATION PROVIDES VISIBILITY AND AUTOMATED CONTROL THAT CAN ACCELERATE ENERGY SAVINGS IN HOUSES AND RETROFITTING OF BUILDINGS.
- 3. DIGITALISATION ENABLES 100% RENEWABLE ENERGY AND GRID SYSTEMS THAT ARE MORE RESILIENT AND EFFICIENT.



SUPPORT TRANSFORMATION TO SMART SUSTAINABLE CITIES







SMART CITIES CALL TO ACTION



- 1. USE AI AND INTERNET OF THINGS TO OPTIMIZE EXISTING INFRASTRUCTURE AND REDUCE NEED FOR MORE ROADS AND INFRASTRUCTURE.
- 2. MAKE CITY TRANSFORMATION FASTER
 BY VISUALISING A SUSTAINABLE, HEALTHY
 AND FOSSIL-FREE CITY.

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EXPONENTIAL ROADMAP

For more information

EXPONENTIAL ROADMAP.ORG

Supported by

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Development and design sponsored by

INTERNET OF PLANET

Editing and visuals by

THE NEW DIVISION