LAND IS A LIMITED RESOURCE AND AT THIS RATE IT WILL RUN OUT SOON

EVERY YEAR THE PLANET LOSES
33 MILLION HECTARES
AN AREA LARGER THAN THE PHILIPPINES

IN 2050 WE MAY HAVE LOST OVER
800 MILLION HECTARES
AN AREA THE SIZE OF AUSTRALIA

BUT THE DEMAND FOR FOOD KEEPS GROWING

IN 2050
FOOD PRODUCTION WILL HAVE TO INCREASE BY 70%
TO MEET THE NEEDS OF 9.5 BILLION PEOPLE

AGRICULTURAL PRODUCTION HAS INCREASED DUE TO GROWING FOOD DEMAND

IN THE LAST 50 YEARS
CULTIVATED LANDS
IRRIGATED LANDS
CROP YIELDS

+12%
+100%
+200%

BUT MANY PEOPLE LACK ACCESS TO FOOD

795 MILLION PEOPLE IN THE WORLD STILL SUFFER FROM HUNGER

THE CURRENT AGRICULTURAL SYSTEM CAUSES SERIOUS ENVIRONMENTAL AND SOCIAL IMBALANCE

DEFORESTATION

129 MILLION HECTARES OF FOREST HAVE BEEN LOST SINCE 1990
AGRICULTURE AND AGRO-INDUSTRY ARE RESPONSIBLE FOR 80% OF DEFORESTATION AROUND THE GLOBE

LAND GRABBING

60 MILLION HECTARES OF LAND HAVE BEEN ACQUIRED IN DEVELOPING COUNTRIES AND ARE BEING USED FOR MONOCULTURE CROP PRODUCTION (SOYBEANS, CORN, WHEAT)

FOOD SUSTAINABILITY INDEX

GLOBAL RANKING OF FOOD SUSTAINABILITY IN 25 COUNTRIES

COUNTRIES RANKED ACCORDING TO SUSTAINABLE LAND USE IN AGRICULTURE

THE TOP THREE

1. AUSTRALIA
2. CANADA
3. JAPAN

THE BOTTOM THREE

23. NIGERIA
24. SOUTH AFRICA
25. UNITED ARAB EMIRATES

BOTH PROducers AND CONSUMERS CAN PLAY A ROLE IN PROTECTING OUR LAND

USING CROPS TO PRODUCE FOOD

BY 2020, AN ADDITIONAL 45 MILLION HECTARES OF LAND WILL HAVE BEEN CONVERTED FOR BIOFUEL CROPS

REDUCING FOOD LOSSES

CURRENTLY ONE THIRD OF HARVESTS DO NOT EVEN GET TO OUR TABLES: IT IS LOST IN THE FIELD, DURING STORAGE AND IN TRANSPORT

WASTING LESS FOOD AT THE TABLE

EVERY YEAR 400 MILLION TONS OF FOOD IS WASTED. THIS ALSO WASTES LAND, WATER AND OTHER NATURAL RESOURCES USED IN FOOD PRODUCTION

INCORPORATING OILSEEDS INTO FOOD

AREAS THAT ARE CULTIVATED FOR ANIMAL FEEDS LET'S CHOOSE TO CONSUME PRODUCTS WITH A LOWER IMPACT ON SOIL

IN 2050
WE MAY HAVE LOST OVER
800 MILLION HECTARES
AN AREA THE SIZE OF AUSTRALIA

AT THIS RATE
AN AREA LARGER THAN THE PHILIPPINES

BUT THE DEMAND FOR FOOD KEEPS GROWING

IN 2050
FOOD PRODUCTION WILL HAVE TO INCREASE BY 70%
TO MEET THE NEEDS OF 9.5 BILLION PEOPLE

AGRICULTURAL PRODUCTION HAS INCREASED DUE TO GROWING FOOD DEMAND

IN THE LAST 50 YEARS
CULTIVATED LANDS
IRRIGATED LANDS
CROP YIELDS

+12%
+100%
+200%

BUT MANY PEOPLE LACK ACCESS TO FOOD

795 MILLION PEOPLE IN THE WORLD STILL SUFFER FROM HUNGER

THE CURRENT AGRICULTURAL SYSTEM CAUSES SERIOUS ENVIRONMENTAL AND SOCIAL IMBALANCE

DEFORESTATION

129 MILLION HECTARES OF FOREST HAVE BEEN LOST SINCE 1990
AGRICULTURE AND AGRO-INDUSTRY ARE RESPONSIBLE FOR 80% OF DEFORESTATION AROUND THE GLOBE

LAND GRABBING

60 MILLION HECTARES OF LAND HAVE BEEN ACQUIRED IN DEVELOPING COUNTRIES AND ARE BEING USED FOR MONOCULTURE CROP PRODUCTION (SOYBEANS, CORN, WHEAT)

FOOD SUSTAINABILITY INDEX

GLOBAL RANKING OF FOOD SUSTAINABILITY IN 25 COUNTRIES

COUNTRIES RANKED ACCORDING TO SUSTAINABLE LAND USE IN AGRICULTURE

THE TOP THREE

1. AUSTRALIA
2. CANADA
3. JAPAN

THE BOTTOM THREE

23. NIGERIA
24. SOUTH AFRICA
25. UNITED ARAB EMIRATES

BOTH PROducers AND CONSUMERS CAN PLAY A ROLE IN PROTECTING OUR LAND

USING CROPS TO PRODUCE FOOD

BY 2020, AN ADDITIONAL 45 MILLION HECTARES OF LAND WILL HAVE BEEN CONVERTED FOR BIOFUEL CROPS

REDUCING FOOD LOSSES

CURRENTLY ONE THIRD OF HARVESTS DO NOT EVEN GET TO OUR TABLES: IT IS LOST IN THE FIELD, DURING STORAGE AND IN TRANSPORT

WASTING LESS FOOD AT THE TABLE

EVERY YEAR 400 MILLION TONS OF FOOD IS WASTED. THIS ALSO WASTES LAND, WATER AND OTHER NATURAL RESOURCES USED IN FOOD PRODUCTION

INCORPORATING OILSEEDS INTO FOOD

AREAS THAT ARE CULTIVATED FOR ANIMAL FEEDS LET'S CHOOSE TO CONSUME PRODUCTS WITH A LOWER IMPACT ON SOIL

SOURCES - ELABORATED BY THE BCFN FROM:
THE STATE OF THE WORLD’S LAND AND WATER RESOURCES FOR FOOD AND AGRICULTURE (SOLAW) - MANAGING SYSTEMS AT RISK, FAO, ROME AND EARTHSCAN, LONDON, 2011; THE GLOBAL FOREST RESOURCES ASSESSMENT, FAO, ROME, 2015; HIGH LEVEL PANEL OF EXPERTS ON FOOD SECURITY AND NUTRITION (HLPE), REPORT 2: LAND TENURE AND INTERNATIONAL INVESTMENTS IN AGRICULTURE, FAO, ROME, 2011; EATING PLANET - FOOD AND SUSTAINABILITY: BUILDING ON OUR FUTURE, 2016; BCFN FOUNDATION AND EIU-THE ECONOMIST; FOOD LOSS AND FOOD WASTE. FROM PRODUCTION TO CONSUMPTION, RIGHT TO FOOD CAMPAIGN.