

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

EVERY YEAR THE PLANET LOSES

33 MILLION HECTARES

OF AGRICULTURAL LANDS

AN AREA LARGER THAN
THE PHILIPPINES



AT THIS RATE

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



+12%

CULTIVATED LANDS

+100%

IRRIGATED LANDS

+200%

CROP YIELDS

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
HAS 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

AUSTRALIA **1st**

CANADA **2nd**

JAPAN **3rd**



THE BOTTOM THREE

23rd NIGERIA

24th SOUTH AFRICA

25th UNITED ARAB EMIRATES

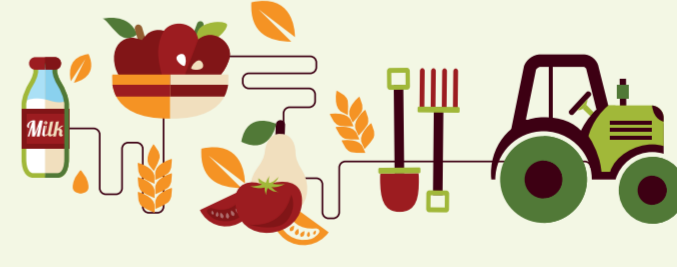


BOTH PRODUCERS AND CONSUMERS CAN PLAY A ROLE IN PROTECTING OUR LAND



USING CROPS TO PRODUCE FOOD

BY 2020, AN ADDITIONAL 40 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



INCREASING OUR VEGETABLE CALORIE COUNTS

AROUND 80% OF AGRICULTURAL LANDS ARE CULTIVATED FOR ANIMAL FEED. LET'S CHOOSE TO CONSUME PRODUCTS WITH A LOWER IMPACT ON SOIL



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

SOURCES - ELABORATED BY THE BCFN FROM: THE STATE OF THE WORLD'S LAND AND WATER RESOURCES FOR FOOD AND AGRICULTURE (SOLAWI) - 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.