

God uses creation to provide for people – but when the environment is exploited or uncared for, the effects can ruin natural resources and devastate communities. Whether through engineering a hydroelectric project or assisting farmers with crops and irrigation systems, TEAM works with communities to solve practical problems in locally sustainable ways.

CREATION CARE

RECYCLING PROGRAM AT ONE SCHOOL IN ODESSA, UKRAINE



4TH
PROGRAM STARTED BY AND MANAGED BY 4TH GRADE STUDENTS



300
OF STUDENTS AT THE SCHOOL



110
OF POUNDS OF PLASTIC RECYCLED EACH MONTH



1,430
OF POUNDS OF PLASTIC RECYCLED SINCE THE PROGRAM BEGAN



JANUARY 2013
PROGRAM STARTED

PROGRAM ALREADY EXPANDED INTO SURROUNDING COMMUNITY, WHICH BRINGS RECYCLABLES TO THE SCHOOL. THE PROGRAM PLANS EXPANSION INTO MORE SCHOOLS.

WHY START THE PROGRAM? UKRAINE STATS

SOURCE: UKRAINE ECOLOGY AND NATURAL RESOURCES MINISTRY, FEB 2013



ONLY **4%**
OF HOUSEHOLD REFUSE IS RECYCLED COMPARED TO ALMOST 50% IN U.S.

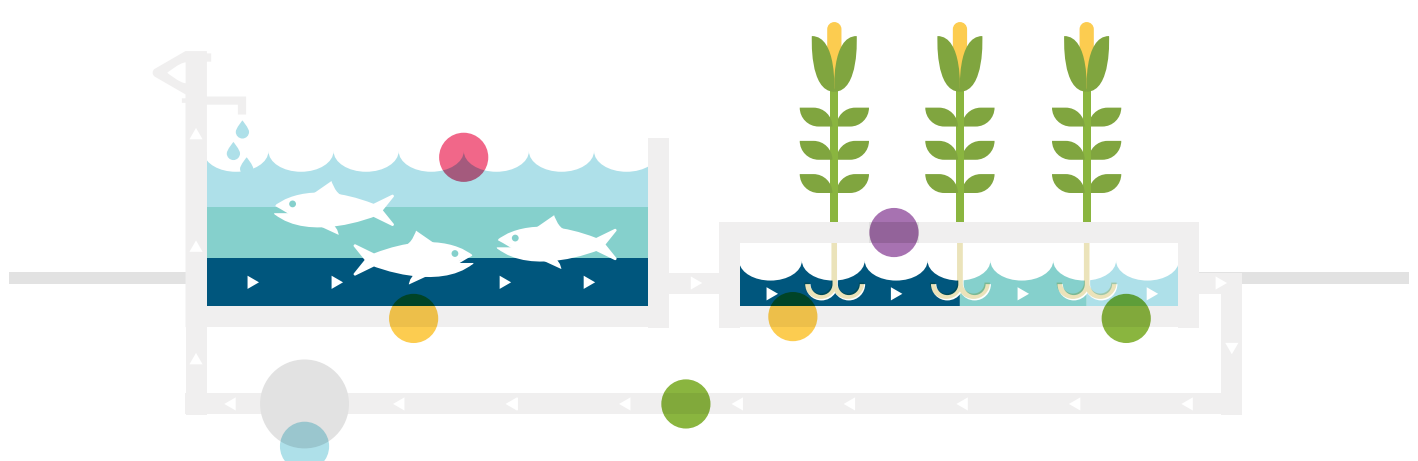
≈ **355 KG**
AMOUNT OF SOLID WASTE CREATED BY A RESIDENT IN A BIG CITY ANNUALLY



36B
TONS OF WASTE IN UKRAINE

AQUAPONICS PROJECT ZIMBABWE

IN ZIMBABWE, THE 2013 DROUGHT LEFT MANY SUBSISTENCE FARMERS SHORT OF FOOD FOR THEIR FAMILIES. AT TEAM'S KARANDA HOSPITAL, WE ARE CREATING NEW, SUSTAINABLE FOOD SOURCES THROUGH AN AGRICULTURAL TECHNIQUE CALLED AQUAPONICS.



- FISH TANK
- GROWING BED
- NUTRIENT RICH WATER
- ROOT CLEANSED WATER
- PUMP

AQUAPONICS IS A SMALL SCALE, SUSTAINABLE FARMING SYSTEM THAT PRODUCES HEALTHY FISH AND VEGETABLES. FISH ARE HOUSED AND FED IN A TANK, AND WATER IS CIRCULATED FROM THERE TO OTHER TANKS WHERE VEGETABLES GROW HYDROPONICALLY.

THE PLANTS, HELPED BY BENEFICIAL BACTERIA, EFFECTIVELY CLEAN THE WATER BY UTILIZING THE NUTRIENTS EXCRETED BY THE FISH. THE CLEAN WATER IS THEN RECIRCULATED BACK TO THE FISH.