



SOIL IS A NON-RENEWABLE RESOURCE

It is the basis for



food



feed



medicines



ecosystem
services



fuel

2050 THE CHALLENGE

Global population
will exceed **9 billion**



Increased demand for healthier and nutritious food
will only be met if

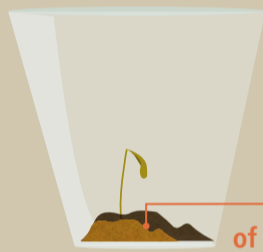


agricultural production
increases



Soils are under pressure of intensification and competing uses of forestry, cropping, pasture & urbanization

OUR SOILS TODAY



33%
of global soil
is moderately to highly
degraded through

erosion, salinization, compaction, acidification, chemical pollution & nutrient depletion



hampering
soils functions
and affecting
food production



83%
of rural people in
Sub-Saharan Africa
depend on their land
for livelihood

40%
of Africa's soils are
currently degraded



In most countries
there is
little opportunity
for expansion of
arable land

SAVING OUR SOILS



Inclusive policies and governance



Investment in sustainable soil management



Targeted soil research



Stopping soil degradation & restoring degraded soils



Effective education & extension programmes



Soil information systems

Sustainable soil management

Increasing **soil organic matter** content

Keeping soil surface **vegetated**

Using **nutrients** wisely

Promoting **crop rotations**

Reducing **erosion**

can lead to an average **crop yield increase** of

58%

