

FLOATING GARDEN CHALLENGE

Practical Action shows farmers how to make floating gardens so they can grow vegetables such as onions, okra and pumpkins even when it floods. This is an example of technology justice in action.

FLOODING IN BANGLADESH AFFECTS OVER ONE MILLION PEOPLE EVERY YEAR

Much of the land families use to grow food is under water for more than two months at a time...and it is getting worse as a result of climate change

Making a floating garden

1



Floating water hyacinth is collected from local ponds.

2



Bamboo poles are laid over the hyacinth.

3



More water hyacinth is woven over the poles to make a basic raft structure of around 8 x 2 metres.

4



The raft is covered with soil, compost and cow dung and sown with seeds.

5



The rafts can be moved to shady or sunnier places to improve growing conditions.

6



The floating gardens can be used to grow summer and winter crops.

PRACTICAL ACTION BELIEVES IN TECHNOLOGY JUSTICE

the right of everyone to have the equipment, skills and knowledge they need to lead a decent quality of life...without harming others now or in the future

practicalaction.org/floatinggardenchallenge



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PRACTICAL ACTION

Technology challenging poverty

