

I've come up with a very simple technique for restoring water quality that I'd like to share with everyone. It's a method of purifying wastewater using a combination of plants and micro-organisms. By virtue of its composition, this system desalts the organic matter in the water, enabling it to be reused.

Planting is one of the keys to restoring biodiversity (flora and fauna), an integral part of water protection.

Tièdiè Togola, Blue Community Mali

Water, Life

People, plants, animals and even micro-organisms need water to function.

Nowadays, this resource is overused, sometimes wasted and polluted by humans.

When water is polluted, life is threatened. These days, human pressure on water resources is increasing, and it's up to us to restore water quality using a very simple technique: phytoremediation.

What does it involve? A system for treating wastewater using plants. It can purify and depollute the three major environments: water, air and soil.

How does it work? Plant roots emit a small amount of oxygen, allowing aerobic micro-organisms to develop. The combination of aerobic and anaerobic micro-organisms ensures optimal degradation of organic matter.

Mali's blue community is committed to promoting this practice



In addition to our small steps activities, we were contacted by an association working in the environmental field. A partnership to carry out a project to plant 500 trees in schools and mosques across the right bank of the Malian capital (Bamako). The activity is also accompanied by awareness-raising among schoolchildren about the Communauté Bleue (Blue Community) and the small gestures of water conservation and planting in their respective families. In addition, the emphasis will be on the technique of phytoremediation to enable everyone to contribute to the restitution of wastewater.