

BRIGHTTECH

Water & Agriculture Projects



Introduction



"Brightech" is a subsidiary company of "Bright Future".

Our company provides planning, coordination, implementation and construction of projects in various fields (Tern key projects).

The following are the main areas in which we are involved.

Areas of Expertise



- **Municipal water treatment**
- **Treatment and purification of water reservoirs and distribution.**
- **The establishment of hydroponic greenhouses**
- **The establishment of large chicken farms for eggs or meat.**

Specializing in Projects



WATER

- **Water sources Treatment and Sanitation.**
- **Drinking water treatment facilities**
- **Pumping, collecting and city water purification systems.**
- **Wastewater treatment plants**
- **Ultra pure water manufacturing for pharmaceutical and semi Contactors plants.**
- **Sewage treatment.**

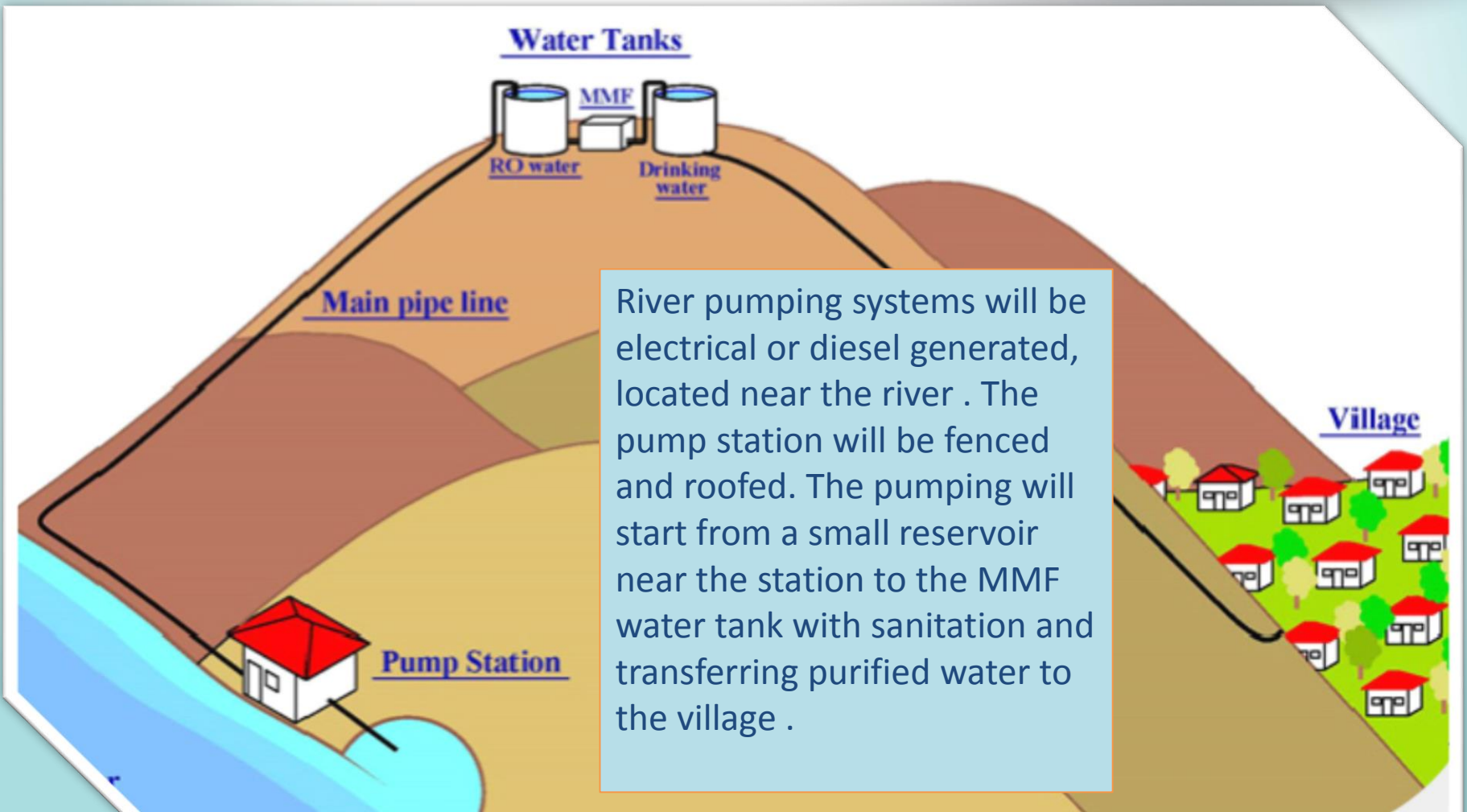
Water for villages in Africa

Our company is engaged in the design, manufacture and installation of water treatment systems to villages near contaminated water sources to supply drinking water to the water fountain and laundry.



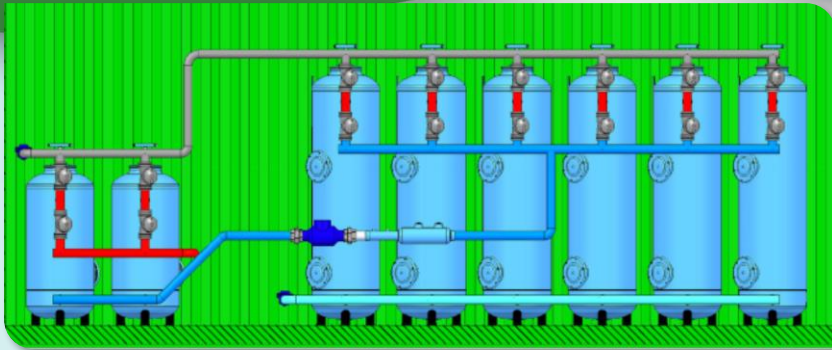
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Water for villages in Africa



River pumping systems will be electrical or diesel generated, located near the river . The pump station will be fenced and roofed. The pumping will start from a small reservoir near the station to the MMF water tank with sanitation and transferring purified water to the village .

Multi media filtering system



20 m³/h Drinking water system
drawing in a container

Main phases in the process:

1. Pressure water supply facility 30m
2. Injection of liquid chlorine to disinfect the water and prevent the formation of bacterial cultures before filtering
3. Create clusters alum injection before filtering
4. Deep bed filtration



Multi media filtering system



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Water distribution

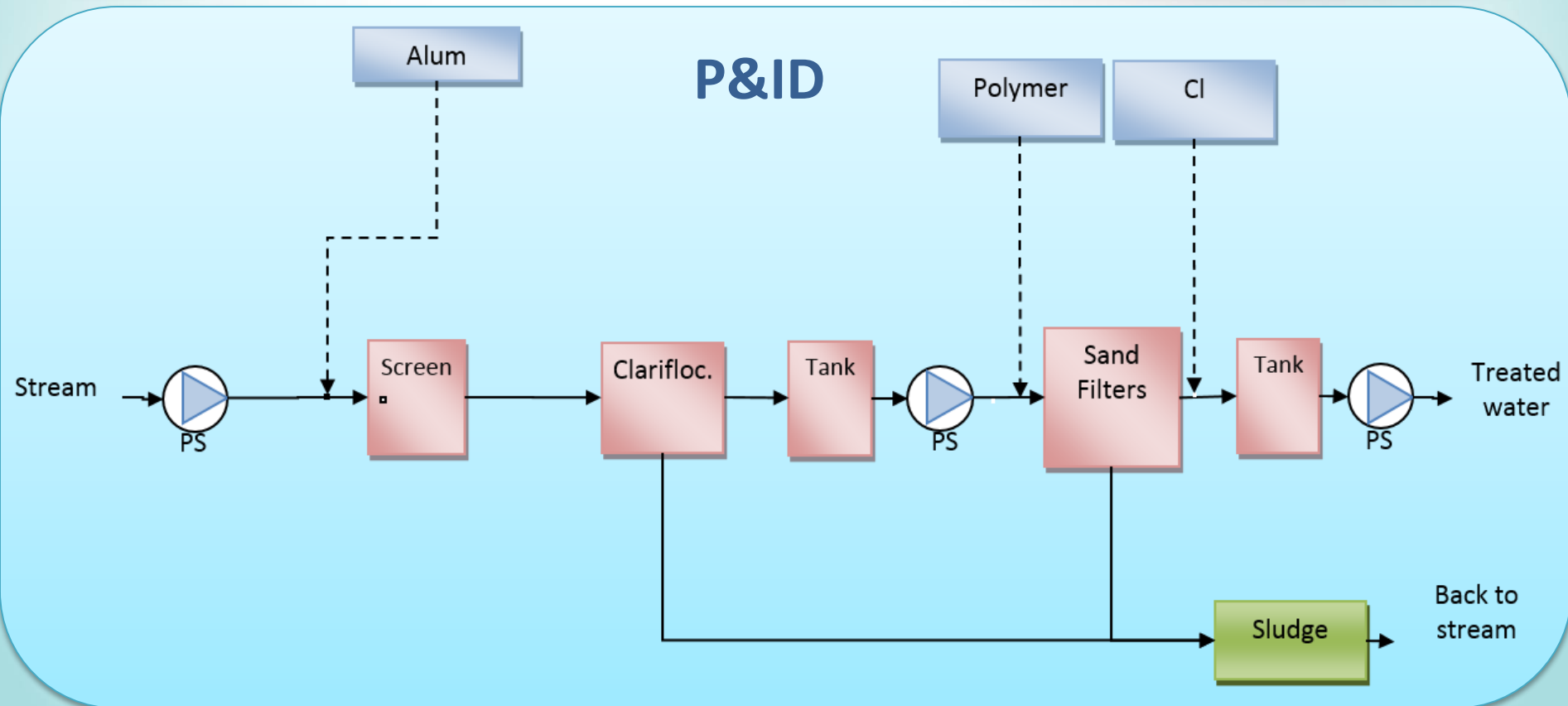


Water pipes conveying drinking water from the source to village will be P.VC. various diameters and adjusted the pressure required by the distances and the required flow rates

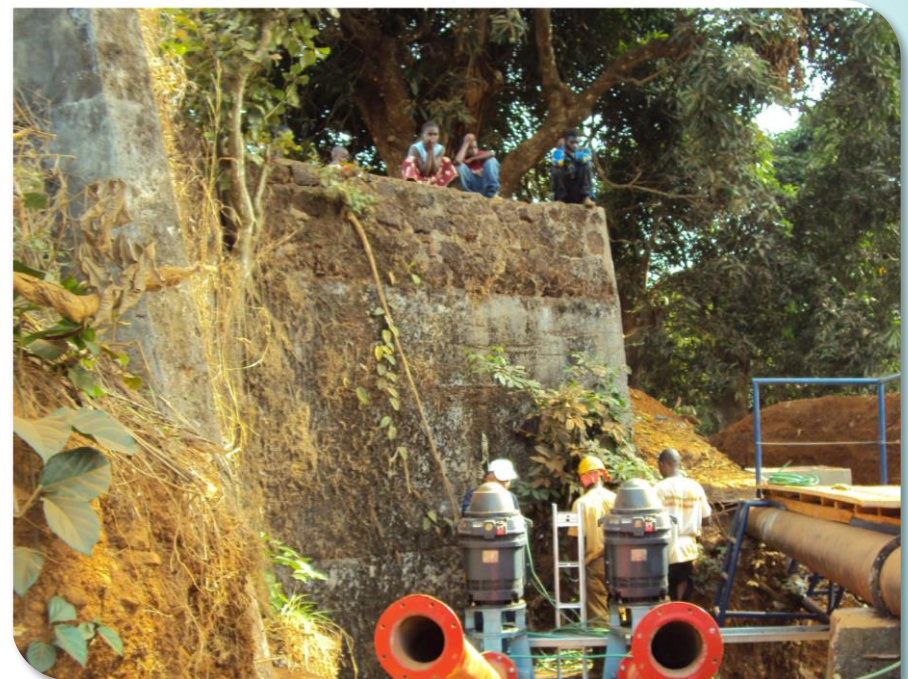


Distribution piping to the village

City water treatment plant



City water treatment plant - Ghana, Africa.



City water treatment plant Soreq, Israel.



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Specializing in Projects



Agriculture

- Hydroponic greenhouses for wide range of vegetables.
- large chicken farms for the eggs & meat industries



Hydroponic Greenhouses



We build a factory, High Tech, with automation, top standard do all the required certifications (CE, ISO).

Why do it, Because it is:

- **Certified Hydroponics**
- **Lower Risk of Pathogen Contamination**
- **No Herbicide, Pesticide or Chemical Residues**
- **Grow locally**
- **Environmentally Friendly**
- **Longer Shelf-Life**
- **Grow Year round**
- **Maximize Crop Yield, Uniform & Quality**
- **Minimizing Fertilizer & Water**
- **Reducing air pollution**

Planning matching customer requirements

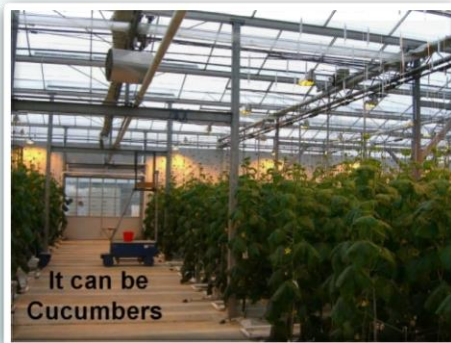
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Hydroponic Greenhouses



You can grow top quality products.

- * Cucumbers
- * Peppers
- * Tomatoes
- * Strawberries
- * Leafy vegetables



Chicken farms



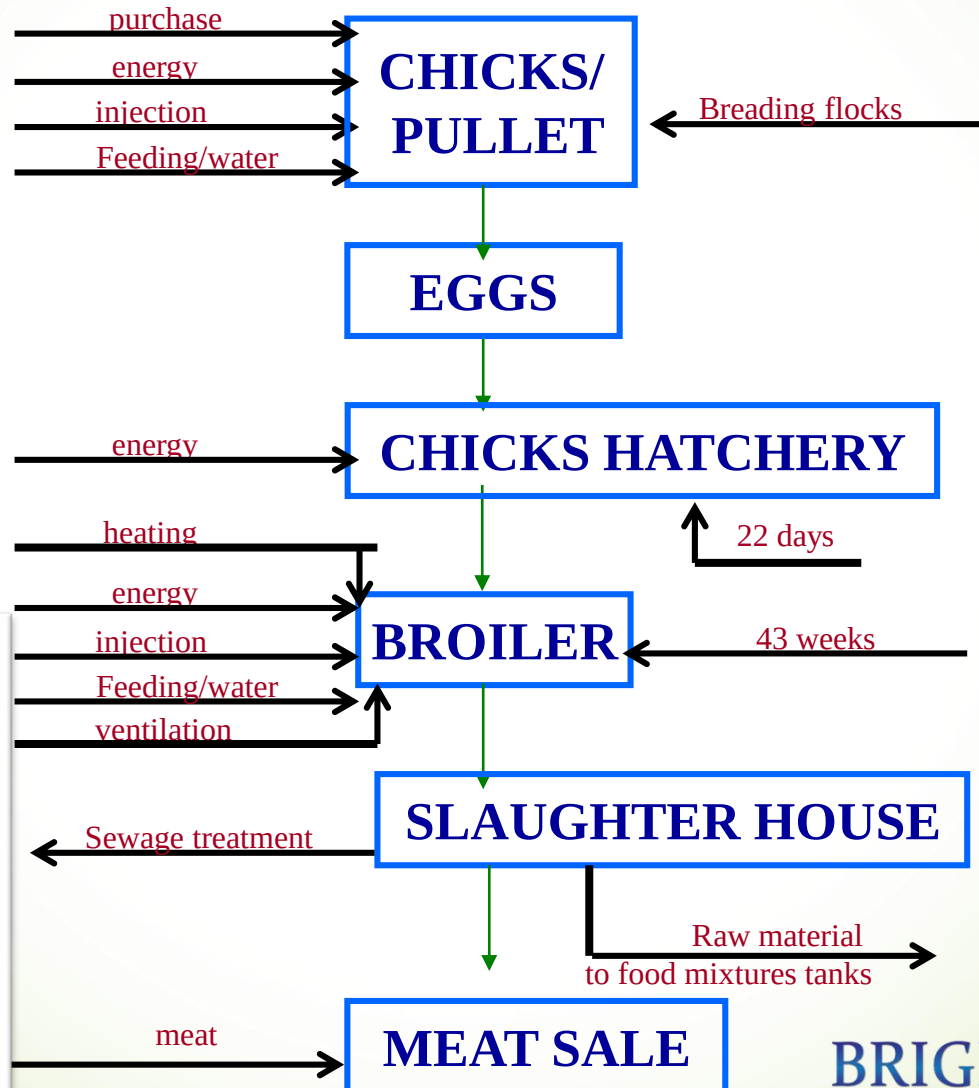
Planning, training, supervision and construction of chicken farms through the chain growth
From the mother hen through breeding, egg laying, chickens till laying hens or for meat .
Planning matching customer requirements

Chicken farms - Flow Diagram

HATCHERY



SLAUGHTER HOUSE



BROILER



80T x 52W = 4160T per year

Chicken farms



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Our goal and mission:



- **Maintaining long-term customer relationships.**
- **Implementation of joint training and operation of the facilities after construction.**
- **Full responsibility for projects and their profitability.**
- **Community involvement.**



Contact us



Please visit our web site:

<http://www.brightfuture.co.il>

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