



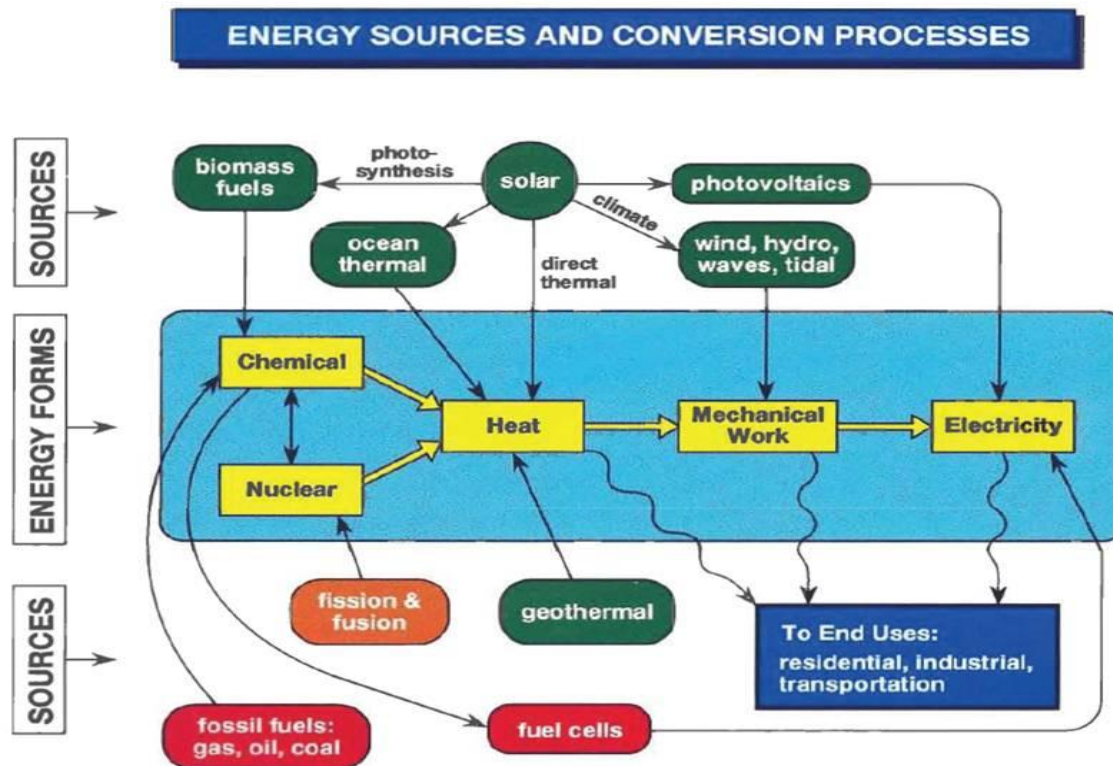
# **Energy Supply and Security**

Rural Electrification



# Energy Sources and Conversion

## Rationale



# Turbine under development

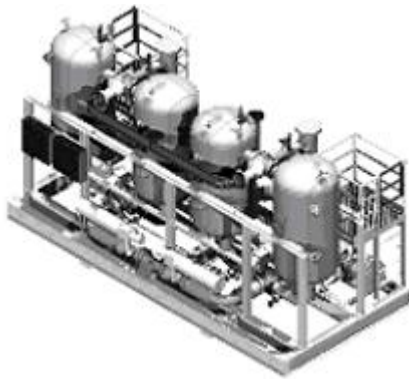
- **Heliflo Turbine**

- The proposed unit will function in a slow current stream. High Torque, slowly rotating turbines produce cleanly generated electrical energy.



# We can make electricity

**.. at a fraction of the cost diesel or gas incurs. So selling cheap clean energy is one option ...**



**We want to use the HydroFlo unit to produce distilled water from seawater leaving behind concentrated brine for further processing.**

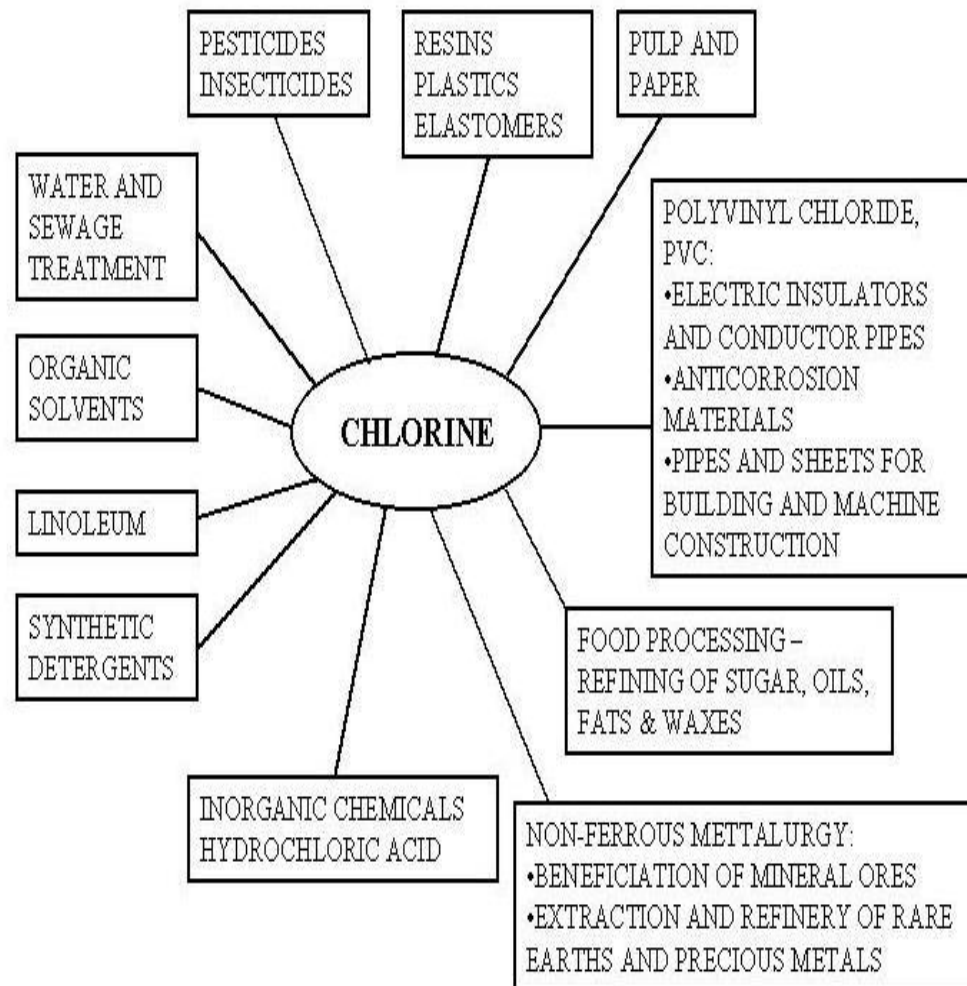
Desalination by-products	Commercial uses & benefits
Distilled water	Food processing, lab work, medicine
Salt	Salt imports can be reduced
Caustic Soda	Industry, Health Care
Hydrogen	Industrial processing, fuel
Chlorine	Water treatment, Industry, Pharmaceuticals, Refining

**HydroFlo affords a RENEWABLE supply of CLEAN ENERGY.**

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# We Can generate Wealth from the Sea

Just to draw an example : ONE PRODUCT explored



# Project Hydroflo

## Basic Objectives



- (1) Any development is sustainable over the long term
- (2) Environmental protection and climate change mitigation is an intrinsic part of the process
- (3) Local resources (technical, administrative, land, sea, air and mineral commodities) are fully utilized
- (4) Labor force participation and income from employment must increase from current levels at a sustained rate.