

CLEANUP OCEAN PLASTICS + REUSING ALL LANDS RESIDUALS = RECONSTRUCTING A LIVE CIRCULAR BIO-ECONOMY FEEDING A SUSTAINABLE GREEN WORLD FOR ALL

Sérgio Prado & Márcia Macul
Architects, Artists, Environmentalists
Curators of the Earth / Verdever Association-NGO
Brazil

Abstract

The 20th century created Modern Architecture as a New World reference, enclosing individuals and collectivities in concrete, iron and glass buildings, which led to ours current warming of atmosphere...increasing CO2... and progressive elimination of forests...with plastics & dangerous residuals everywhere!

Our pragmatism project of reversing these dangerous trends is everyone LEARNING to REUSE CORRECTLY all excess of waste, transforming all residuals in new BIO CONSTRUCTIVE MATERIALS - cleaner, harder and durable, creating a safe Circular Pragmatic BioEconomy: Cleaning... educating... and Eco-Rebuilding creating new jobs, reconstructing new Sustainable Green Eco-Neighborhoods, generating their own energy & retro-feeding their residents: HEALTH & SANITY EVERYWHERE!

With the use of a new organic cement (oil from castor oil Pop plants), all clean kinds of residues will be amalgamated in SOLID, DURABLE and FUNCTIONAL new EcoMaterials, with more ENDURANCE, greening vertically & horizontally all types of walls & terraces, producing ORGANIC FOOD & Natural Medicine for ALL!

This local-global simplicity of material ECO-RENEWABILITY, comes similarly in smaller time/scale as our Earth Planet cleans all waters...letting them flow... rivers to oceans... then ascending as clouds...falling in rains for ALL!

A venture ago a “union of 2 great inventions” (Tesla & Edison)...created our actual “global alternating and direct current”...and similarly, ours dynamic equation “Zero Waste + Sustainable Architecture = Renewable Energy“ working as a REGENERATIVE PROJECT... can be multiplied everywhere as “Eco Synergical Life Process” permitting the multiplication of ECO-FACTORIES, creating constructive elements for houses, nurseries, schools, new pavements, sanitary ducts, forming a “Circular Sustainable Green Neighborhood” (HARD)...globally interconnected by an efficient WhatsNAU NET (SOFT) ... establishing together efficient & most creative HOUSING living SOLUTIONS!

Brazil has already approved these priorities in Federal, State & Municipal Laws, supporting these new principles of “ECO-REBIRTH of WASTE RESIDUALS 5P’s : PUBLIC-PRIVATE-PATRIMONIAL-PRODUCTIVE-PARTNERSHIP”..... permitting excellent conditions for an international joint venture (HARD/SOFT) to be launched: Northern Hemisphere Countries

transforming waste in Renewable Energy and Southern Countries requiring new Sustainable Housing and Green Communities (when 44% don't have own houses!

These new dynamics of local-global ECO-PRODUCTIVE CREATIVITY (combining Global Artificial Intelligence with Local Human Talents), will permit progressive OPEN RE-BIRTHS of all previous material as new PUBLIC UTILITY PRODUCTS...Cleaning, Educating...RECONSTRUCTING...

Our actual Historical/Geographical "NOW TIME" requires an effective & unique "NORTH & SOUTH International GREEN CONNECTIONS" summing the FUNCTIONALITY of dutch Boyan Slat's CLEANUP OCEAN PROJECT...AMPLIFYING the capture of PLASTICS in ALL Rivers & Oceans of South & North Hemispheres... SUMMING EVERYWHERE with of ALL KINDS of RESIDUALS, creating RENEWABLE ENERGY (NORTH) and SUSTAINABLE HOUSING (SOUTH)!

A SUSTAINABLE GREEN WORLD as a new trilogy of 3 A's:

ART + ARCHITECTURE creating SUSTAINABLE AMBIANCES providing GREEN PHYSICAL SPIRITUAL INNER & EXTERIOR GOOD HEALTHY ENVIRONMENTS FOR 8 BILLION HUMAN BEINGS!

Keywords: Sustainable Synergy: Zero Waste + Sustainable Architecture = Renewable Energy