

Development of a Geographic Information System for Renewable Energies in Mexico

(SIGER)

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OBJETIVES

- CREATE A MECHANISM TO CONSULT AND MANAGE INFORMATION ON RENEWABLE ENERGIES AND TECHNOLOGIES FOR THEIR EXPLOITATION, IN ORDER TO PROMOTE THEIR APPLICATION IN MEXICO.
- PROPOSE A HOMOLOGATION OF METHODS AND TECHNIQUES TO DETERMINE THE POTENTIAL OF RENEWABLE ENERGIES.

SCOPES

- Resources: Wind, Solar, Hydraulic and Bioenergy
- Applications: Electric generation, others.
- Technologies: Available in the market
- Geographic coverage: Country/regions/states/municipalities

DEVELOPMENT STAGES

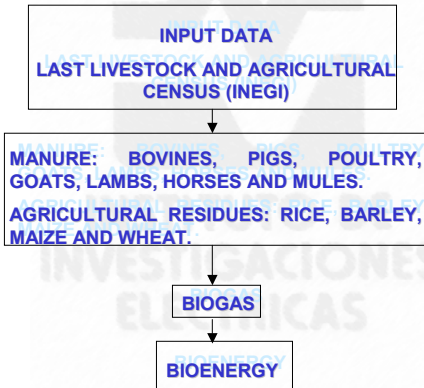
- 1st STAGE: PLATFORM DEVELOPMENT
- 2nd STAGE: DESCRIPTION OF POTENTIAL OF RENEWABLE ENERGIES IN SPECIFIC AREAS
- 3rd STAGE: EXPANSION OF THE SYSTEM FOR THE WHOLE COUNTRY (WHERE INFORMATION EXISTS)
- 4th STAGE: CONTINUING THE EXPANSION OF THE SYSTEM AND TO DEVELOP TECHNIQUES TO IDENTIFY AREAS FOR ENERGETICAL EXPLOITATION

BIOMASS CHAPTER

PRESENT RESULTS

- DATA BASE OF BIOENERGY FOR EACH MUNICIPALITY (TRANSFORMATION OF BIOMASS TO BIOGAS)
- NATIONAL MAP OF BIOENERGY DENSITY FOR EACH MUNICIPALITY

METHODOLOGY



PRELIMINARY RESULTS

