

## Activity Model of the main process for the transformation programme

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Purpose: This is 'To Be' model built on CEO point of view.  
a Proposed TO BE model

### 1.0 A-0(A minus zero) context Diagram

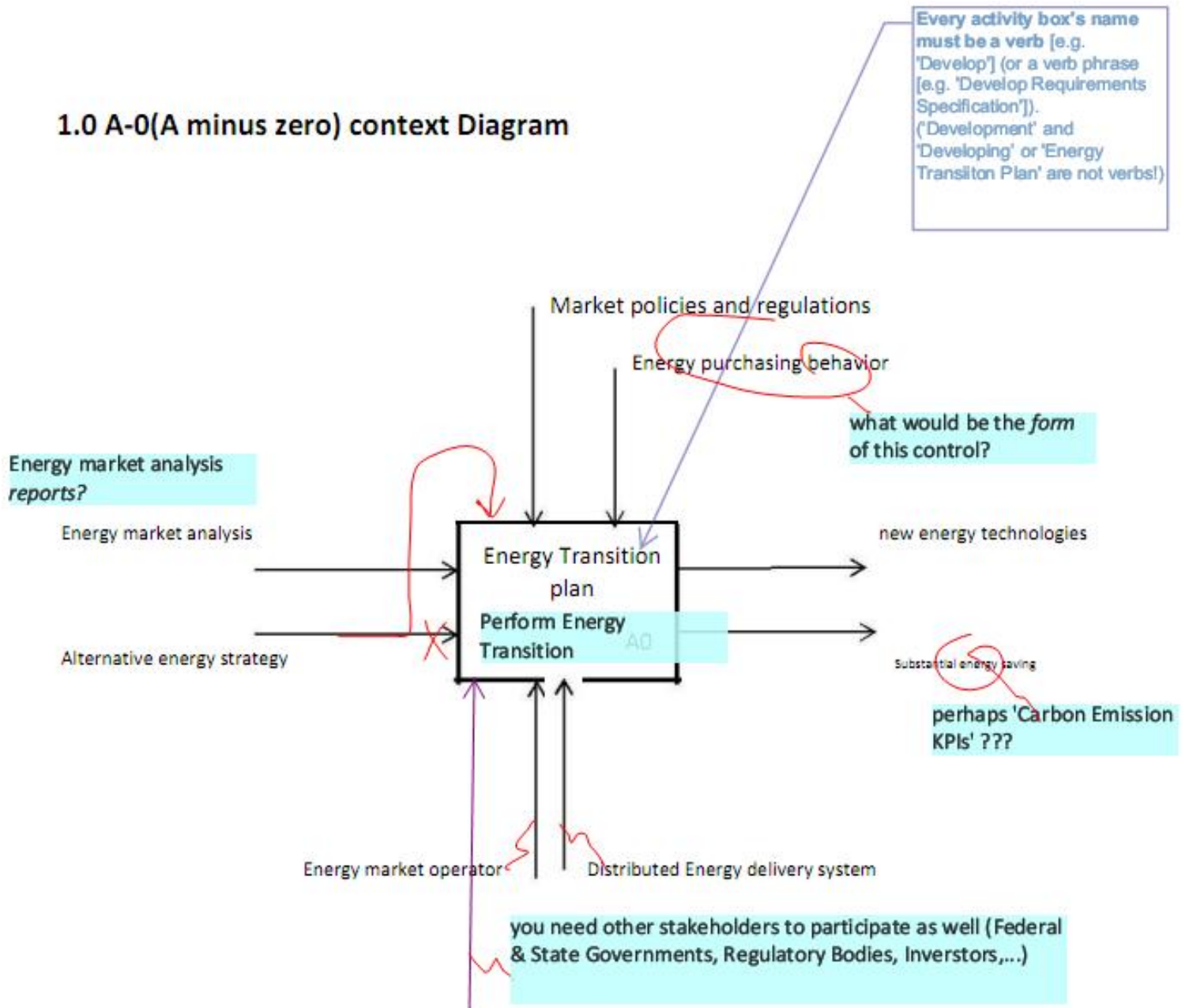


Fig 1: A-0 ~~Process Diagram~~ Perform Energy Transition

## DESCRIPTION

### 1.1 Terminals symbols (A-0)

The diagram shows the Energy transition plan which purpose is to assist the co-ordination and implementation of alternative energy sources strategy. The Energy Transition Plan gives an outline for arranging and execution of different alternative energy models being embraced inside relevant ~~government~~ organizations and how these measures connect together. The plan helps in recognizing alternatives achieving the desired goal i.e. substantial energy saving and transitioning energy market, and to zero carbon emission by 2050

**1.1.1 Energy market analysis:** This deals with the overview of energy market of Australia. It deals with the demand of energy, people practices, physical system and equipment and also the experience with the existing product.   
 *it is unclear whether this is an activity (in which case it should be a bow inside A0, or it is a report, in which case the name should suggest so. Nite that this analysis must be conducted regularly, during the >30 years of the programme, it is not a one-off input*

**1.1.2 Alternative Energy Strategy:** It focuses on the generation of renewable energy sources like wind power, solar photovoltaic, solar thermals and Biomass energy.   
 *The strategy includes goals, objectives, and principles – all informed by relevant strategic analyses*

**1.1.3 Market policies and regulations:** It deals with regulation that is consistent with the energy market which they are operating.

**1.1.4 Energy purchasing behaviors:** It deals with encouraging more productive consumer choices by providing more productive energy services. It requires proper balancing of demand side consumer choices with supply side energy services.   
 *what is the form of this? a analysis report / regular reports? or [???*

**1.1.5 Market Operators:** It deals with the certification of compliance with the energy system reliability test for free carbon units. They are the market bodies helping in manage physical or financial supply disruptions.

**1.1.6 Distributed Energy delivery system:** This deals with the delivery of the alternative energy sources through different energy systems.

The outputs is generally concern with the successful implications of energy plan developing new energy technologies replacing carbon based system, energy saving and management of the system.

## 2.0 DECOMPOSITION FROM A-0 DIAGRAM (A0 DIAGRAM)

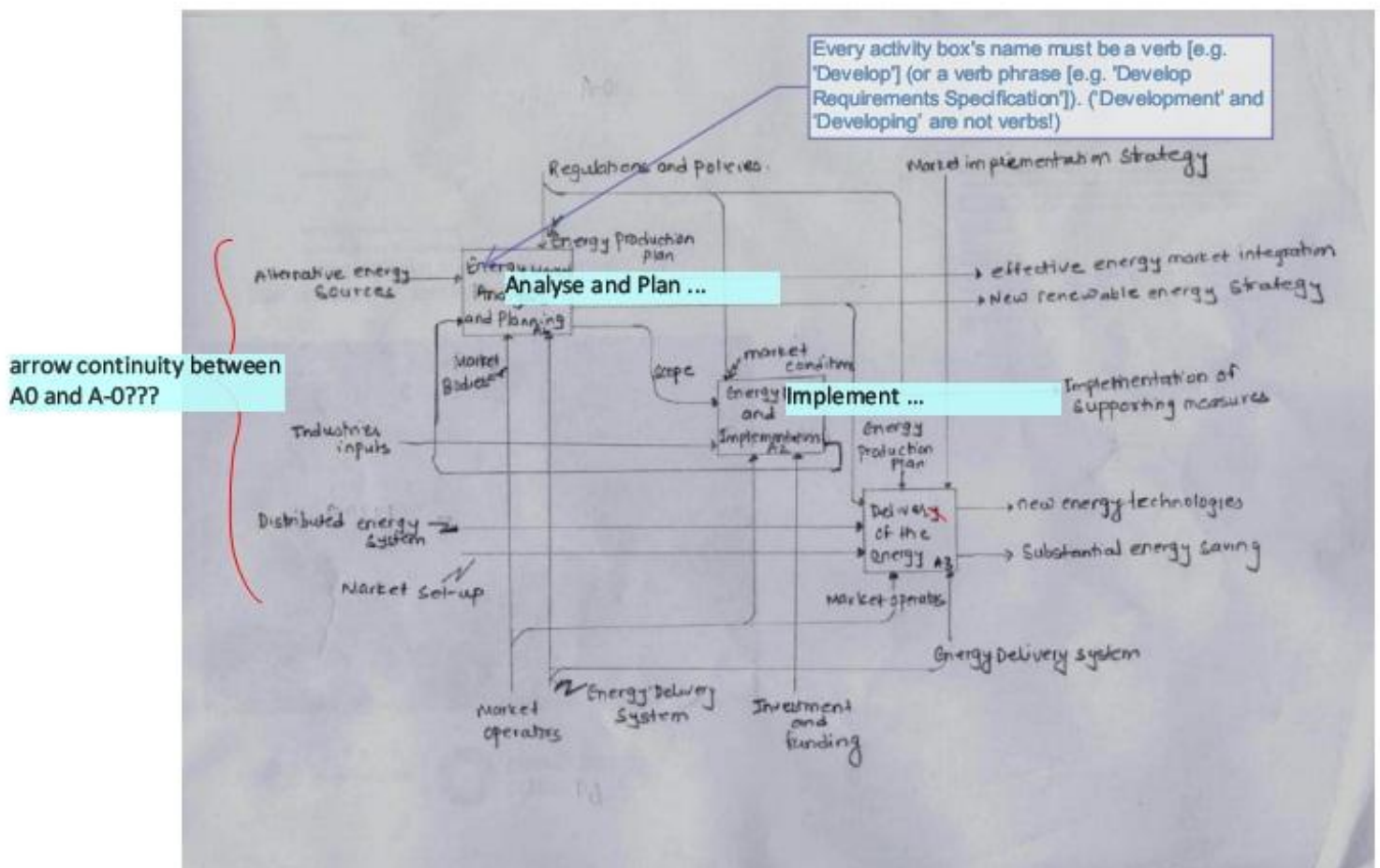


Fig 2: Decomposition of A-0 diagram

### DESCRIPTION

Here the A-0(A minus zero) diagram is divided into different activities i.e. A1, A2 and A3.

#### A1- Energy market analysis and planning

- Feasibility study of energy market

- Energy production planning and regulations

### A2- Energy Design and implementation

- Evaluating market conditions and design of the system.
- Implementation of supporting measures in the energy market.

### A3- Delivery of energy

- Transmission of the energy sources.
- Energy saving and management

### 3.1 DECOMPOSITION ACTIVITY OF A2 DIAGRAM FROM A0 DIAGRAM

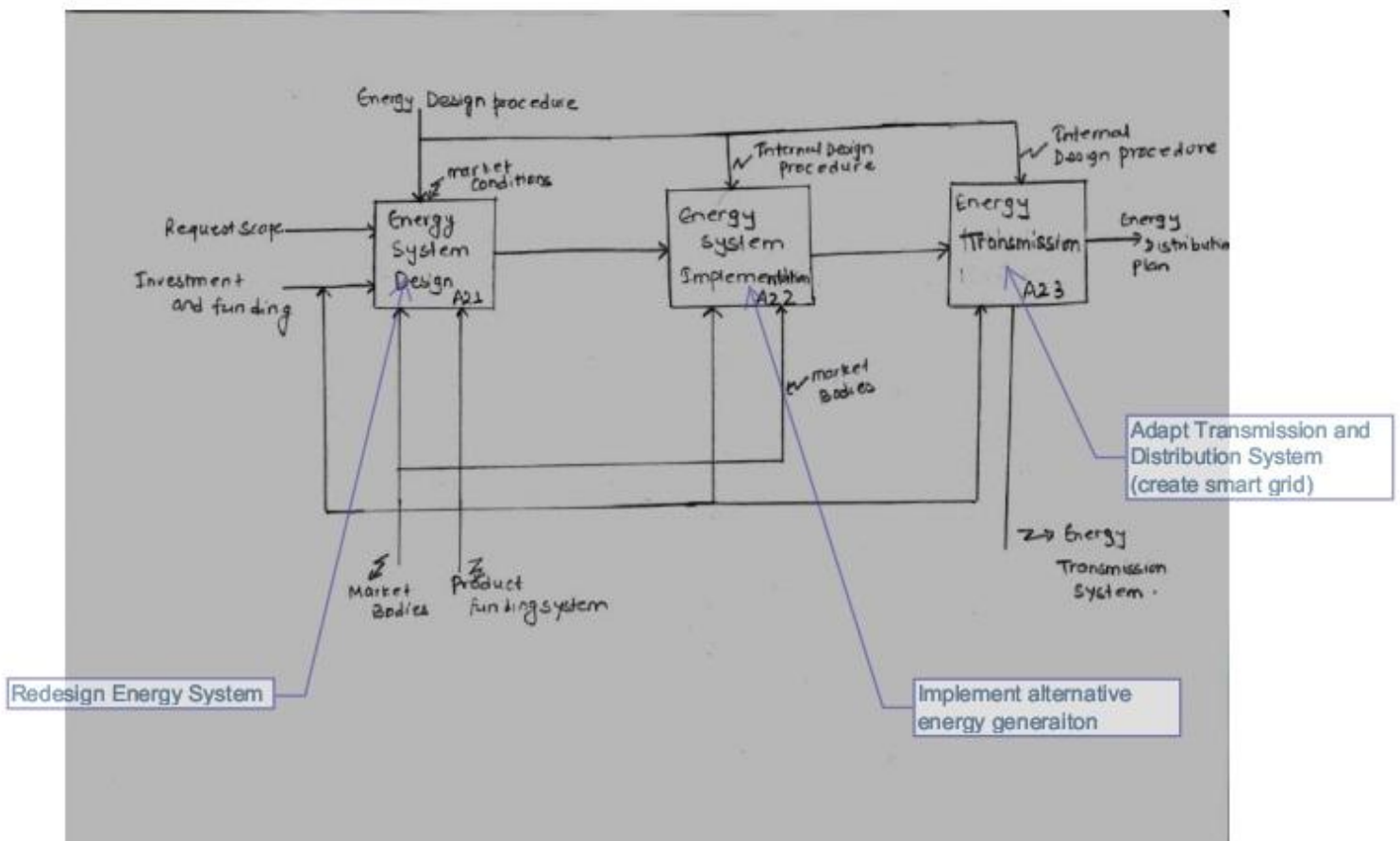


Fig 3: Decomposition of A2 activity

Here, A2 activity from A0 is further subdivided into three activities. They are generally classified as; A21, A22 and A23.

A21 Activity: Energy System Design

A22 Activity: Energy System Implementations

A23 Activity: Energy Transmissions

All these activities provides the overview of Energy transition plan which involves the activities of government, industries, Australian Energy management authority, consumers, energy production and transmission companies.