

Colombian Environmental Seal for Sustainable Building and Construction Materials

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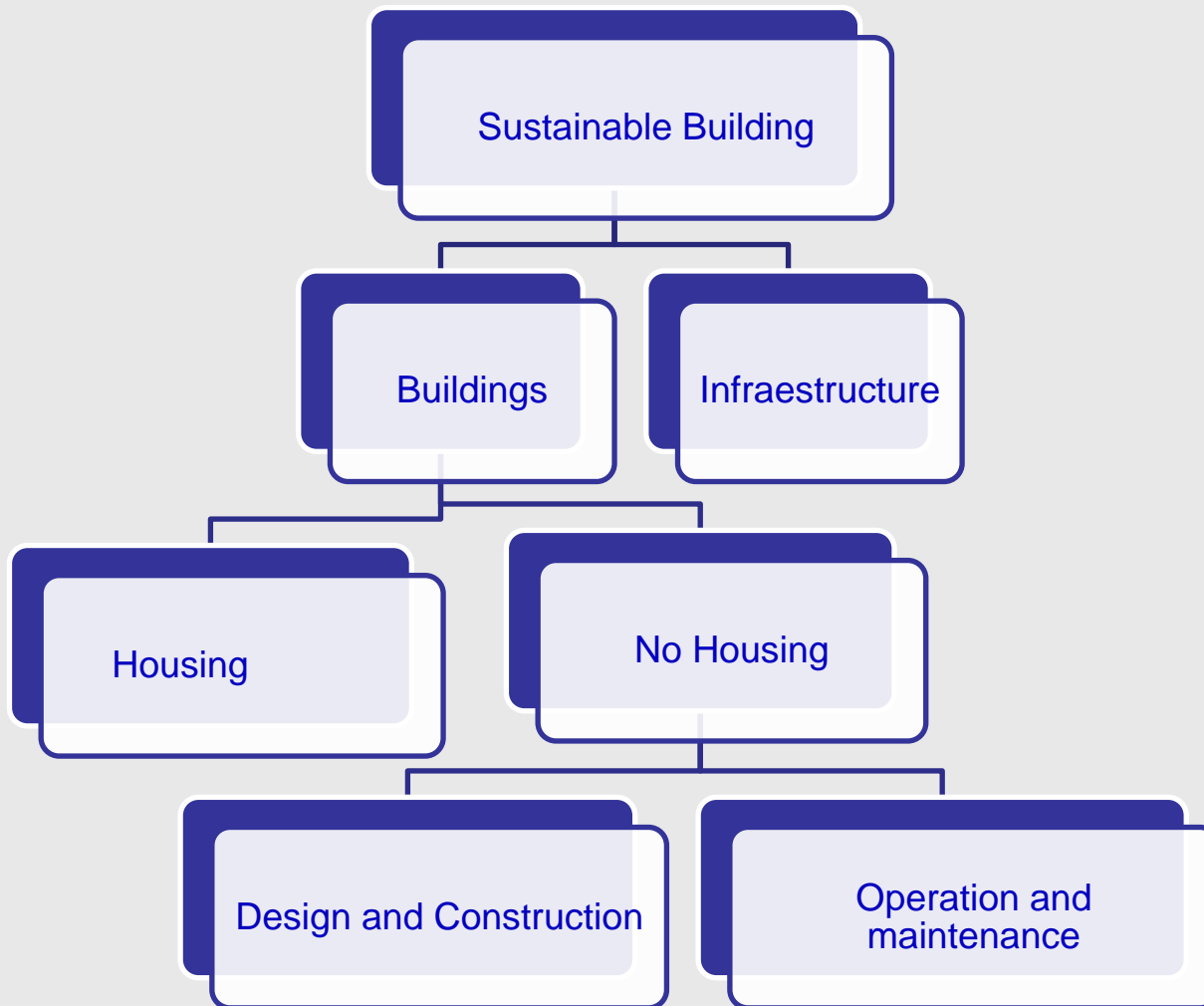
Colombian Environmental Mark

- Environmental labelling scheme developed by the Ministry of Environment
- Based on guidelines established in ISO 14024
- Voluntary
- It applies to goods and services (non alimentary products)
- Life cycle approach
- Criteria established in a Colombian Technical Standard

Criteria establishment

- National Standardization Process
- Transparency, Impartiality, Openness, Consensus, Consistency, Effectiveness and Relevance
- Participation of interested parties:
 - National Government (Ministries of Environment, Mining and Energy; Housing and Trade)
 - Regional Government (Regional Environmental Protection Agencies , Mayoralties)
 - Academia
 - Builders (Large and small)
 - Manufacturers and traders of building products
 - Industry associations
 - Technical experts on sustainable building

Evolution of study in Committee



STANDARD REQUIREMENTS

- **Environmental Requirements**
 - Location
 - Green roofs
 - Energy efficiency
 - Water savings and efficient use
 - Rainwater and runoff control
 - Emission reduction and interior environment quality
 - Waste management and reduction
 - Building products selection based on environmental criteria
- **Social Requirements**
 - Stakeholders Identification and consideration
 - Social impacts and aspects identification and control
- **Other requirements**
 - Cost comparative analysis
 - Delivery requirements (Handbooks, procedures)

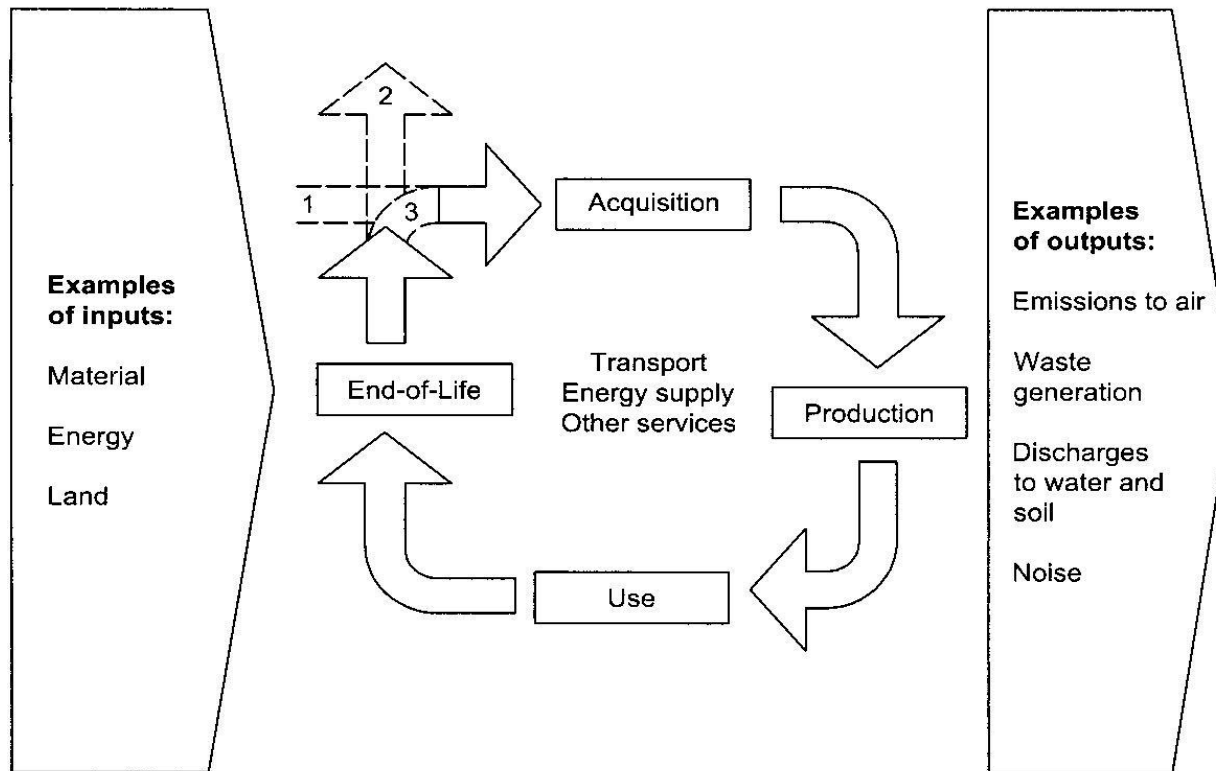
Colombian Environmental Mark Standard A National Initiative

- Focusses on national environmental priorities.
- Has participation of all interested parties.
- Has a Life Cycle Approach.
- Does not have categories or ratings.
- Takes into account national economic, social and market conditions.
- Is supported on the National Quality Sub-system
- Has less implementation costs
- Supports the government for incentive creation.
- Strenghtens the product supply_with a better environmental performance

Product Selected Categories

- Drywall boards
- Thin sheet steel items
- Ceramic tiles
- Precast concrete
- Paints and coatings
- Clay bricks and blocks
- Cement
- Concrete
- Guadua culms
- Ceramic plumbing fixtures
- Supply fittings
- Electric boards

Product Selected Categories



Key

- 1 raw material
- 2 disposal of final residue
- 3 reuse or recovery

Next Steps

- Approval of standard on sustainable buildings other than housing, design and construction (2nd semester, 2013)
- Dissemination and positioning of the scheme in Colombia
- Starting preparation of sustainable construction standard for housing
- Selection of new product categories
- Development of minimum criteria for products that do not have a selected category

Thank you!